Panasonic

NEW DOMESTIC RANGE

MORE EFFICIENCY MORE SAVINGS

2015 — 2016

Panasonic, the Air of your Life

Since 1958

No.1 in Japan

40 years in Europe

NEW DOMESTIC AIR TO AIR HEAT PUMP 2015 - 2016

ETHEREA

heating & cooling solutions

NEW 2015 / 2016
DOMESTIC RANGE

Summary

CE

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Quality Management System Certificate

Certified to ISO 9001: 2008
Panasonic Appliances Air-Conditioning Malaysia. Sdn.Bhd.
Cert. No.: MY-AR 1010

Certified to ISO 9001: 2008
Panasonic Appliances Air-Conditioning (GuangZhou) Co., Ltd.
Registration Number: 01209Q20645R5L

Environmental Management System Certificate

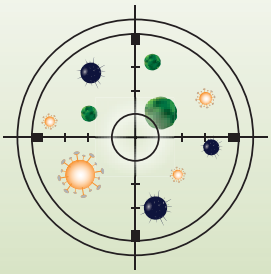
Certified to ISO 14001: 2004
Panasonic Appliances Air-Conditioning Malaysia Sdn.Bhd.
Cert. No.: MY-ER0112

Certified to ISO 14001: 2004
Panasonic Appliances Air-Conditioning (GuangZhou) Co., Ltd.
Registration Number: 02110E10562R4L

Domestic Range Highlights

Built in Etherea and Heatcharge range

Anti-allergy Nanoe-G tested by the UK Allergy Association! Get the best for your health with Etherea and Nanoe-G.



Heatcharge

A+++/A+++ VE Series got the top best energy class for extraordinary energy savings. With Heatcharge technology it ensures highest comfort even at -25ºC outdoor ambient temperature.

Etherea

Etherea range is bringing to home the most advanced features for heating and cooling. Purifying air with Nanoe-G and ensuring best comfort to people and savings with Econavi sensors.

Cassette and Hide Away

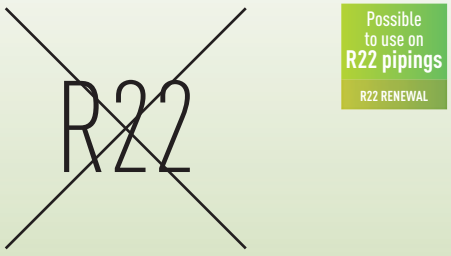
New 5,0 and 6,0 kW 4 Way 60x60 Cassette and new 5,0 kW Low Static Pressure Hide Away, more efficiency and more capacity.

Control and connectivity

Control your units from anywhere with the Wifi adapter or Integrate to any protocol: KNX, Modbus or BACnet.

R22 replacement

R22 Renewal. Panasonic units can be install on existing R22 pipings.



Panasonic, the Air of your Life

Panasonic Air Conditioners have been with us since 1958. In many homes they are part of the family and are, in part, responsible for the air that each member breathes.

Many things happen in your home, and Panasonic makes sure that those moments have the best climate. Panasonic Air Conditioners were the first to produce Healthy Air, and also worry about being super-efficient and quiet. Which is why they have been among us for so long.

1958

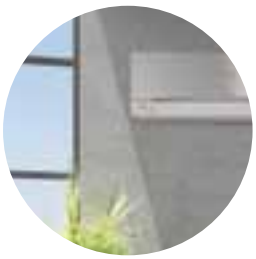
First room air conditioner launched for domestic installation.

1973

Panasonic launches the first highly efficient air-to-water heat pump in Japan.

1975

Panasonic becomes the first Japanese air conditioner manufacturer in Europe.



2008

Etherea new concept of air conditioning systems: high efficiency and high performances with a great design.

History of Air Conditioning Group

Panasonic starts with a desire to create things of value. As hard work and dedication results in one innovative product after another, the fledgling company takes its first steps towards becoming the electronics giant of today.

2010

New Aquarea.
Panasonic has created Aquarea, an innovative new, low-energy system.

2011

The new Panasonic ECOi VRF solution for big buildings is the most efficient in the industry in more than 74% of combinations.

2012

New GHP units. Pansonic's gas-driven VRF systems are ideal for projects where power restrictions apply.

Looking ahead

By creating, storing, managing and saving energy, Panasonic aims to realize a lifestyle with virtually zero CO_2 emissions throughout the entire home.

Heating and Cooling Solutions designed and produced by Panasonic since 1958. See more information on **www.aircon.panasonic.eu**

Reliability facts

Reliable comfort comes from reliable technologies

Today, Panasonic air conditioners have earned widespread acclaim throughout the world. A rugged design ensures that the air conditioner will continue to keep the room comfortable, and operate trouble-free for many years. Panasonic believes this is the true value of an air conditioner. And this is why we subject them to a wide range of stringent tests.

Durability. Long Time Continuous Operation Simulation.

Long-term Durability Test
The air conditioner's main mission is to provide a level of durability that allows it to operate stably for years. In order to achieve this, we conduct an accelerated test for 10,000 hours of continuous operation. The results of this test, which is conducted under conditions that are much more severe than actual operating conditions, prove the rugged strength of Panasonic air conditioners.

Compressor Disassembly Test
After a test with 10,000 hours of continuous operation, we remove the compressor from a randomly selected outdoor unit, disassemble it, then examine the internal mechanisms and parts for possible failure. Panasonic air conditioners continue to provide their designed performance for many years even after prolonged operation under harsh conditions.

Operating Test in Harsh Conditions
In addition to normal operating conditions, an operating durability test is conducted in a high-temperature, high humidity test chamber at a temperature of 55°C. For use in cold climates, the test is also conducted in a low temperature test chamber at -20°C. This test assures that the oil inside the compressor will not freeze during use and interrupt operation.

Checking the oil inside the compressor under extremely cold conditions.

Waterproof Test
The outdoor unit, which is subject to rain and wind, is provided with IPX4 waterproof compliance.
Contact sections on printed circuit boards are also resin-potted to prevent adverse effects caused by an unlikely exposure to droplets of water.

A resin-potted circuit board.

No Breaking. When Dropped onto Sides or Corners.

Shock Resistance
Panasonic simulates impacts, vibrations and other environmental conditions that air conditioners might be subjected to during transport. We promise that the quality and performance at the time of the final product inspection are unchanged when the product reaches the user's home.

Drop Test
Even with the large impacts that may occur due to improper handling during transportation, the product packaging has been strengthened to prevent it from being damaged. In addition to conventional vertical dropping, more severe conditions in which the sides or corners hit the floor first are carefully tested to ensure that the product's rigidity and shock-absorbing materials work to prevent problems.

Vibration Test
Preventing damage that would hinder the product's performance due to vibration during transport is a major role of the packaging. Panasonic confirms that the product operates properly even after applying vibrations in both horizontal and vertical directions.

Warehouse Storage Test
During distribution, products may be subjected to extended warehouse storage under unfavourable conditions. To simulate these conditions, we place a weight equal to a stack of five product packages on top of the test package, and leave it in that condition in a room at a temperature of 27°C and a humidity level of 85%. Then, the product is checked for proper operation.

Silence. That Does Not Disturb You.

Comfort
Air conditioners should keep each person in the room comfortable without making their presence known. They should work totally in the background, using their strength to create and maintain a relaxing environment. We build this hidden strength into our air conditioners, and test them repeatedly from this viewpoint.

Noise Test
The operating noise of the indoor and outdoor units is measured in an echo-free chamber. The noise test verifies that the operating noise is low enough so that the product operation will not disturb daily activities including conversations and sleep.

Sunshine simulation.

Amenity Test
An actual air conditioner is operated in a test room that simulates an ordinary living room. Conditions such as the amount of sunlight entering the room from outside are changed while measuring a variety of parameters, such as cooling speed, cooling efficiency, and temperature and humidity differences throughout the room. This makes it possible to confirm whether the air conditioner is operating at its designed performance level under ordinary conditions.

EMC (Electromagnetic Compatibility) Test
This test determines whether electromagnetic waves emitted during operation are sufficiently low to prevent adverse effects, i.e., electrical noise, on signals such as TV and radio broadcasts.

Remote Control Dropping Test
Because the remote control is the main interface between people and the air conditioner, it is naturally subjected to frequent impacts - such as drops and bumps - when it is passed from person to person during normal operation. Panasonic drops the remote control from a height of 1.5 metres at various angles to ensure that no problems in basic performance will result from accidental dropping.

Quality. Is at the Core of All Our Manufacturing.

World Standard Quality
Over the years, Panasonic air conditioners have continued to offer the highest possible quality with the lowest environmental impact worldwide. Naturally, the fundamental production principles that are common to all Panasonic products apply to air conditioners as well. The fact that these principles actively support every product, rather than simply serving as slogans, is the result of the endless repetition of challenges and trial-and-error efforts that are conducted at our production bases all over the world.

Reliable Parts with Major Standards Approval
Panasonic air conditioners comply with all of the major standards that maintain high reliability in the countries and regions where they are marketed. To ensure this, we conduct a variety of tests to examine the quality of materials used in parts.

The strength of the resin material used in the propeller fan is confirmed by the tension test.

RoHS/REACH Compliant Parts
All parts and materials comply with RoHS/REACH, Europe's world-leading environmental regulations. Stringent inspections of more than 100 materials are conducted to ensure that no hazardous substances are included during parts development.

Sophisticated Production Process
The air conditioner production line uses advanced, state-of-the-art factory automation technologies to produce products with higher reliability. Products are efficiently manufactured with high and uniform quality.

Eco Activities
Panasonic has set up eco ideas factories around the globe. While developing and manufacturing energy-saving products based on original environmental technologies, these factories reduce CO_2 emissions from manufacturing processes and conduct regional-based environmental communication activities to contribute to both the global environment and the local communities that they serve.

Panasonic No. 1

Interbrand Ranks Panasonic No. 1 in the Electronics Sector for the "Best Global Green Brands 2014"

Interbrand, the US brand consulting company, announced on June 24, 2014, that Panasonic ranks No. 5 in its Best Global Green Brands 2014. Although a rank lower than last year, the company has come out top in the electronics sector.
2014 marks the fourth year for this global ranking of "green brands." An Excellent Green Brand is defined as achieving a good balance between Green Perception (consumers' image of an eco-brand) and Green Performance (a company's environmental management practices). The top 50 companies are ranked based on these two elements.

Evaluation Points

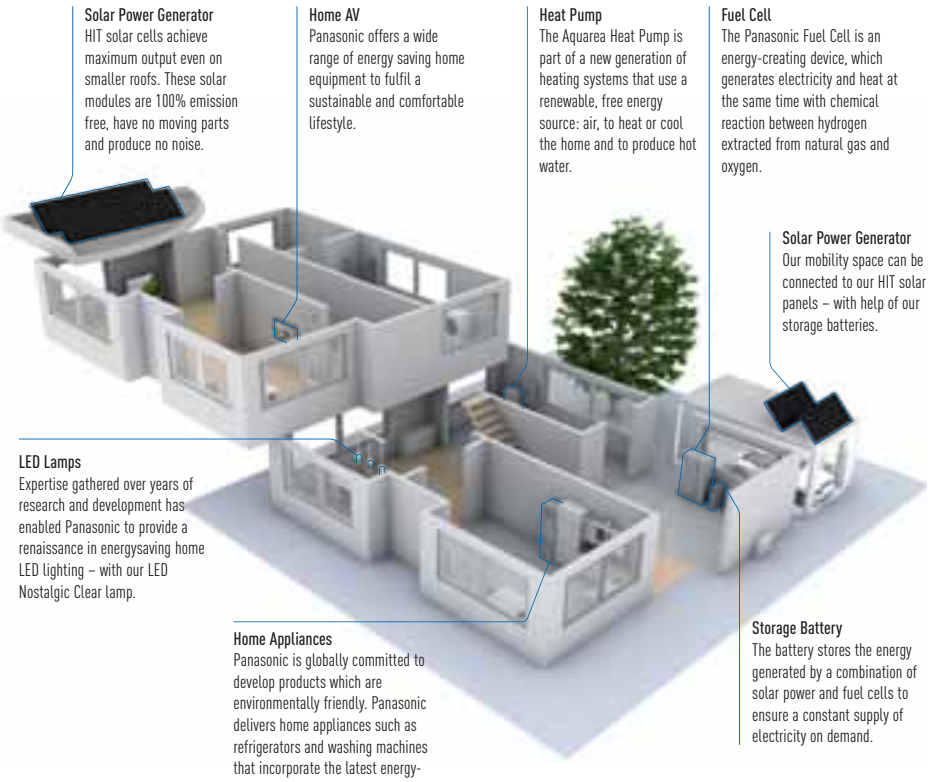
Panasonic's Green Performance was evaluated as being especially high, with excellent marks going to "Products and Services," "Governance," and "Transportation and Logistics."

Interbrand also noted the following points in its evaluation

Energy Star Award Recognitions: Panasonic has received more Energy Star awards than any other consumer electronics manufacturer.
Achieved a Recycling Rate of 99.3%: Taking steps toward zero waste, Panasonic achieved a factory waste recycling rate of 99.3% in 2013.
Improved Water Usage: In 2013, water usage at factories per basic unit of production improved by 0.7% compared with 2012.
Econavi Function: In 2009, Panasonic launched home appliances with the Econavi function, which automatically controls power and water consumption to cut losses by using sensor and other energy efficient technologies.

We aim to realize a lifestyle with virtually zero CO_2 emissions throughout the entire home

By creating, storing, managing and saving energy, Panasonic aims to realise a lifestyle with virtually zero CO_2 emissions throughout the entire home.



Exemplary sustainable projects

What is Smart Electric Lyon?

Smart Electric Lyon is a project that looks at electricity consumption as a key part of the building energy solutions of tomorrow.
This experiment, will be conducted for four years in more than 25,000 homes, businesses and communities of Grand Lyon.
Panasonic will provide the project with a variety of its energy efficient heating and cooling products, including the Aquarea Air Source Heat Pump. These heat pumps are especially equipped with connectivity solutions from Panasonic to ensure the systems are easy to use, and collect the vital, accurate data.
This project is particularly apt for Panasonic, as heating and hot water occupy a prominent place in household energy consumption. The company has involved for the project a dedicated and experienced R&D team from Panasonic's European technical centre in Frankfurt.

Fujisawa Sustainable Smart Town Goes Into Full-Scale Operation Near Tokyo

Fujisawa SST Council, a consortium led by Panasonic Corporation spearheading the development of the Fujisawa Sustainable Smart Town (Fujisawa SST). With its core facility supporting sustainable development of the town and its community now coming into operation, the Fujisawa SST is moving from the construction stage into a new stage where the town is nurtured to grow in full-scale into an eco and smart town that puts a high priority on the residents' lifestyles.
The Fujisawa SST Management Company is the town management company located in the SQUARE. Together with partner companies, the company provides five essential services in the town: energy, security, mobility, healthcare and community. The company will also collect and manage information pertaining to the town's overall environment, energy, security and safety to support an eco and smart life in the town.
As a fresh development in the town, the Fujisawa SST has set a detached housing zone for non car owners for the second phase of sales. By using the town's eco-car sharing and rent-a-car services, residents in the zone can enjoy their lifestyles without the need to own a car while reducing economic burden and making effective use of the lot. Preparations are also underway for a new base to provide environmentally-friendly logistic services to the residents.

100% Panasonic

heating & cooling solutions

Panasonic – leading the way in Heating and Cooling

With more than 30 years of experience, selling to more than 120 countries around the world, Panasonic is unquestionably one of the leaders in the heating and cooling sector.
With a diverse network of production and R&D facilities, Panasonic delivers innovative products incorporating cutting-edge technologies that set the standard for air conditioners worldwide.
Expanding globally, Panasonic provides superior international products transcending borders.

100% Panasonic: we control the process

The company is also a world leader in innovation as it has filed more than 91,539 patents to improve its customers' lives. Moreover, Panasonic is determined to remain at the forefront of its market. In all, the company has produced more than 200 million compressors and its products are manufactured in 294 plants which are located all over the world. You can be assured of the extremely high quality of Panasonic's heat pumps.
This wish to excel has made Panasonic the international leader in heating and turn-key air conditioning solutions. These offer maximum effectiveness, comply with the strictest environmental standards and meet the most avant-garde construction requirements of our time.

Projects & Case Studies of Panasonic Heating and Cooling Solutions

Call centre retrofit. Woodhouse Environmental Services Ltd. Bourmemouth, UK. **VRF**

New residential building. 84 apartments. Barcelona, Spain. **Aquarea**

New condominium. Bergås Terasse complex. Drammen, Norway. **ECOi / Aquarea**

Hotel refurbishment. Hotel Claris 5 * Barcelona, Spain. **ECOi**

New residential building. 176 flats Xàtiva, Spain. **ECO G**

French Winery. Boutiers-Saint-Trojan, France. **ECO G**

Le Centurie Centro Commerciale. 40,000 m² with 40 commercial spaces. Padua, Italy. **ECOi**

Europa-Park is the second most popular theme park resort. 300 rooms. Germany. **ECOi**

The National Grid's. Call Center refurbishment. Hinkley, UK. **ECO G**

The exclusive Sunprime Atlantic View resort, owned by Thomas Cook. 220 rooms. Canary Islands. Spain. **ECO G**

Montcenis Nursing Home. Over 6100 m² and 85 rooms. Saône et Loire, France. **ECO-G**

Smart House. Ariake, Tokyo. **HVAC and the combination of solar power generation, fuel cells and storage batteries.**

Technopark of Nobosibirsk Academgorodok. Novosibirsk, Russia. **ECOi**

Shippensburg University. Pennsylvania, United States. **ECOi**

Urban residential Mosaic Panama Pacifico. Republic of Panama. **Mini ECOi**

Patra Jasa Bandung Hotel. Bandung, Indonesia. **ECOi**

To find out more: www.aircon.panasonic.eu

PRO Club

the professional website of Panasonic

Panasonic has an impressive range of support services for designers, specifiers, engineers and distributors working in the heating and cooling markets.

Panasonic PRO Club (www.panasonicproclub.com) is the online tool which makes your life easier! You just have to register and a lot of functionalities are freely available to you, where ever you are, from your computer or smart phone!

- **Print catalogues with your logo and your address**
- **Download the latest Aquarea designer to define your system and select the good Aquarea Heat pump.**
- **Calculate the specs of the Aquarea Air fan coil based on the parameters of your system**
- **Get Documents of conformity and all other documents you may need**
- **Download all the service manuals, end user manuals and installation manuals**
- **Know what to do with error codes**
- **Find out about the latest news first**
- **Register for training**

Highlighted Features

- Extensive library of resources
- Tools & Apps for end users. Check availability in your country:
  - My Home: sizing wizard for domestic and A2W range
  - My Project: Contact form to Panasonic team
  - iFinder: Lists of installers displayed by postcode
- Special offers & promotions
- Training PRO Academy
- Catalogues (Commercial documentation)
- Marketing (Images in high resolution, advertisements, deco guidelines)
- Tools (Professional software, sizing tools...)

NEW Highlighted Features

- NEW! Installers customize leaflets in PDF format with their logo & contact details
- NEW! Energy label generator. Download energy labels of any device in PDF format
- NEW! Heating calculator demand
- NEW! Noise calculator for outdoor unit
- NEW! Aquarea Radiator calculator
- NEW! Error Code Search by error code or unit ref. Compatible with smartphone and tablet computer
- NEW! Revit / CAD Images / Spec texts
- NEW! Access to Pananet, online library of technical documentation
- NEW! Download Documents of Conformity and other Certifications
- NEW! Commissioning online

NEW! Easy download Panasonic service documentation and brochures

NEW! Customize leaflets with your logo & contact details. Save and print the PDF

NEW! Energy label generator. Download Energy labels of any device in PDF format

NEW! Error Code on your smartphone and your PC: Search by error code or model reference. Online version + downloadable version for offline use

Panasonic PRO Club is fully compatible with tablet computer and smartphone

The Panasonic PRO Academy

Panasonic takes its responsibility to its distributors, specifiers and installers seriously and has developed a comprehensive Training Programme. The Panasonic Pro-Academy encompasses the traditional hands-on approach.

New training courses cover three levels. Design, installation, and commissioning & trouble-shooting. Training courses include:

- Domestic applications Air to Air
- Aquarea air source heat pumps
- VRF ECOi

The courses are offered on site at Panasonic's premises across Europe as well as via the Panasonic ProClub eLearning site. The Training Centres display Panasonic's latest product range and give delegates an opportunity to get hands-on experience with the latest controllers, indoor and outdoor units from the VRF ECOi, Etherea, GHP and Aquarea ranges.

PRO Club

www.panasonicproclub.com
or connect simply with your smartphone to the PRO Club using this QR

ETHEREA

heatcharge

Panasonic Air Conditioning System Wins Prestigious Design Award

Panasonic is pleased to announce that its Etherea air conditioning system has won an iF 2013 Product Design Award.

The iF Product Design Awards are among the most important awards for product design excellence. With strict criteria to judge everything from cosmetic appearance, functionality, through to the environmental impact of the product, awards are only given to those products that demonstrate their innovative design.

Winning the award thanks to its highly intelligent functionality, the Panasonic Etherea is the ideal air-conditioning system for domestic and other localised installations. The unit makes use of multiple sensors, which measure the room's temperature, humidity, as well as detecting human presence.

WELCOME TO DOMESTIC RANGE

Panasonic has developed a range of products designed for you, better than ever before.
With its innovative design, high efficiency and incomparable purification system, the Etherea range has been designed with your clients in mind. Above all, it is also a range for air conditioning professionals, such as yourself, thanks to its broad range of products which are capable of conditioning rooms of all sizes – always with optimal efficiency and incomparable ease of installation. The Etherea range guarantees that you are offering your clients the very best.

Go green. Go clean. Go your way
Panasonic Air Conditioners are designed to provide more than just comfort cooling to homes. They save energy. They purify your surroundings. They adjust cooling power to suit your living spaces and styles. Living an eco-lifestyle your way is now easier than ever.

Highlighted Features

Panasonic air conditioners provide more savings and more comfort

We believe that going green shouldn't compromise on comfort. That's why Panasonic is introducing the new Econavi system; combining human sensor and control program technology to detect and reduce energy waste by 38% .

Our super silent air conditioners guarantee the purest air to take care of you and your family. And, for a cleaner living environment, the new Nanoe-G helps purify the air as well as your surroundings. Together, these breakthrough technologies define what Panasonic's Eco Clean Life Innovation is all about – innovations that improve our environment while making life as comfortable as possible.

ENERGY SAVING

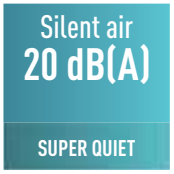
Econavi features intelligent Human Activity Sensor and new Sunlight Sensor technologies that can detect and reduce waste by optimising air conditioner operation according to room conditions. With just one touch of a button, you can save energy efficiently with uninterrupted cooling, comfort and convenience.

Exceptional Seasonal Cooling Efficiency based on the new ErP regulation.
Higher SEER ratings mean greater efficiency. Save all the year while cooling!

Exceptional Seasonal Heating Efficiency based on the new ErP regulation.
Higher SCOP ratings mean greater efficiency. Save all the year while heating!

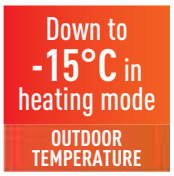
The A Inverter system provides energy savings of up to 50%.Both you and nature wins!

The Autocomfort system detects conditions in the room and switches to energy saving operation when nobody is on the room.



With Super Quiet technology our devices are as quiet as a library.

Down to -10°C in cooling only mode
The air conditioner works in cooling only mode with an outdoor temperature of -10°C.



Down to -15°C in heating mode
The air conditioner works in heat pump mode with an outdoor temperature as low as -15°C.

Heatcharge, this innovative, newly developed technology charges heat and uses it for heating. Thanks to this system, you can enjoy incredibly powerful, comfortable air conditioner heating.

Summer House, this innovative function keeps the house at 7/8°C to avoid freezing pipes during the winter. This function is highly appreciated in summer house or week end houses.

The communication port is integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system.

Internet Control is a next generation system providing a user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android or iOS smartphone, tablet or PC via internet.

The Panasonic renewal system allows good quality existing R22 pipe work to be re-used whilst installing new high efficiency R410A systems.

HEALTHY AIR

Nanoe-G utilises nano-technology fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as bacteria, viruses and mould thus ensuring a cleaner living environment. Seal of Approval of the British Allergy Foundation

The Perfect Humidity Air controls the humidity level in the air to prevent over-dryness.

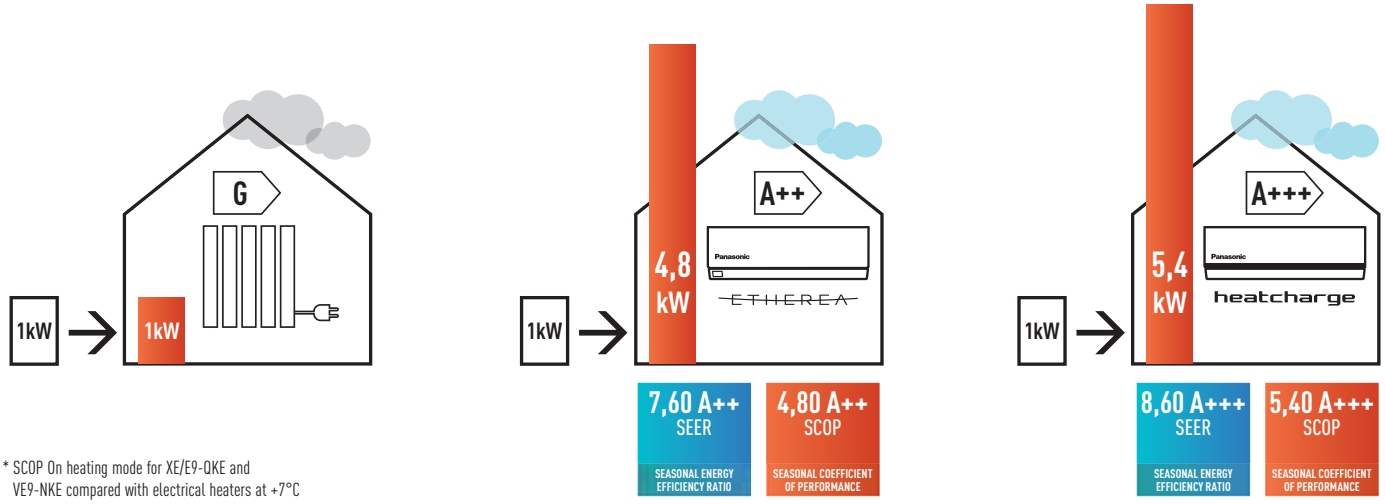
5 Years Warranty. We guarantee the compressors in the entire range for five years.

The very best SEER and SCOP

Etherea and Heatcharge. Economical, environment-friendly operation high SCOP (Seasonal Coefficiency of Performance).

New Etherea and Heatcharge performance: the very best SEER and SCOP available

Original Panasonic Inverter technology and a high performance compressor provide top-class operating efficiency. This lets you enjoy lower electricity bills while contributing to environmental protection.



* SCOP On heating mode for XE/E9-QKE and VE9-NKE compared with electrical heaters at +7°C

Seasonal Efficiency: New Energy Efficiency Label

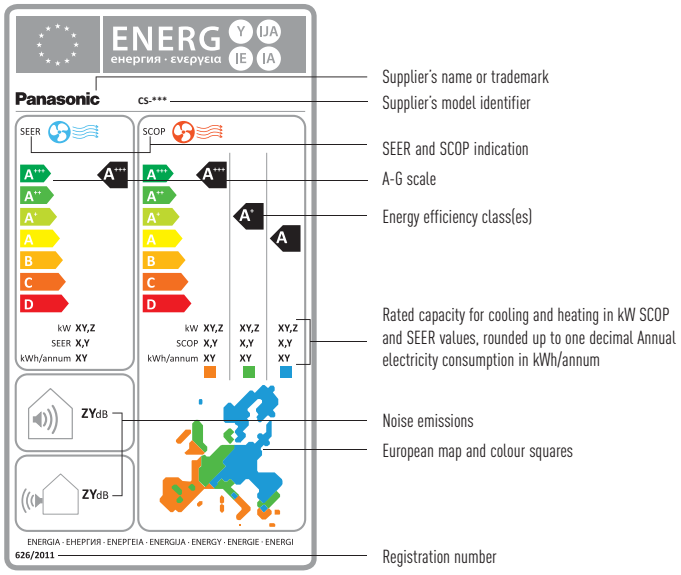
From January 2013, the energy performance calculation for air conditioning systems changed from an overall EU based standard of EER and COP to a new standard based on seasonal efficiencies of SEER and SCOP. These changes to the Energy Related Products Directive or ErP are designed to give consumers a better understanding of the real efficiency of air conditioning and heat pump systems whose nominal power rating does not exceed 12kW.

Undergoing gradual implementation from 1 January 2013 until 1 January 2019, the schedule for each product category is as follows:

01 January 2013: A+++, A++, A+, A, B, C, D, E, F and G.
01 January 2015: A+++, A++, A+, A, B, C, D, E and F.
01 January 2017: A+++, A++, A+, A, B, C, D and E.
01 January 2019: A+++, A++, A+, A, B, C and D.

Seasonal Energy Efficiency Ratio (SEER) – This is the overall energy efficiency ratio of the unit, representative of the entire cooling season. It is calculated as the annual cooling demand divided by the annual consumption of electricity for cooling.

Seasonal Coefficient of Performance (SCOP) - This is the overall coefficient of performance of the unit, representative of the entire heating season designated (the value of SCOP corresponds to a determined heating season). It is calculated by dividing the reference annual heating demand by the annual consumption of electricity for heating.



SEER	
A+++	SEER ≥ 8.50
A++	6.10 ≤ SEER < 8.50
A+	5.60 ≤ SEER < 6.10
A	5.10 ≤ SEER < 5.60
B	4.60 ≤ SEER < 5.10
C	4.10 ≤ SEER < 4.60
D	3.60 ≤ SEER < 4.10
E	3.10 ≤ SEER < 3.60
F	2.60 ≤ SEER < 3.10
G	SEER < 2.60

SCOP	
A+++	SCOP ≥ 5.10
A++	4.60 ≤ SCOP < 5.10
A+	4.00 ≤ SCOP < 4.60
A	3.40 ≤ SCOP < 4.00
B	3.10 ≤ SCOP < 3.40
C	2.80 ≤ SCOP < 3.10
D	2.50 ≤ SCOP < 2.80
E	2.20 ≤ SCOP < 2.50
F	1.90 ≤ SCOP < 2.20
G	SCOP < 1.90

Panasonic R2 Rotary Compressor

Making the world a cooler place since 1978.

Panasonic Rotary Compressors for Room Air Conditioners have been installed in the most demanding environments around the world. Designed to withstand extreme conditions, Panasonic Rotary delivers high performance, efficiency and reliable service, no matter where you are.
Panasonic, the world's largest manufacturer of rotary compressors.

Why is the Panasonic R2 Rotary Compressor so efficient?

1. High Efficiency Motor The premium silicon steel motor meets industry efficiency requirements.
2. Improved Lubrication of High Volume Oil Pump The extended, high volume oil pump in conjunction with a larger capacity oil reservoir provides superior lubrication.
3. Accumulator has Larger Refrigerant Capacity The larger accumulator accomodates generous refrigerant amounts needed in longer line length installations.

R2 rotary compressors utilize rolling piston technology.

The R2 compressor has been tested in extreme conditions.

R2 Compressor Value

About R2 Compressor

Built upon 36 years of compressor design and production experience, R2 is the next generation of Rotary Compressors for residential central air conditioning. New technology improvements, enhanced materials and simple design ensure R2 compressors are reliable, efficient and quiet. The R2 Compressor delivers quality, comfort and peace of mind in homes around the world.
Panasonic's Rotary Compressors have been life tested in some of the world's most demanding environments. Proven for years many of the most demanding areas of the world, the R2 design is the compressor of choice by contractors and homeowners in these challenging climates. For the high performance that home-owners demand, R2 Rotary Compressors are the best air conditioning engines for today's residential cooling solutions.

Leading Technology

Used in over 80% of cooling solutions globally, rotary is the world's dominant residential air conditioning compression technology. Panasonic is the leading rotary and residential AC compressor manufacturer in the world, with over 200 million compressors produced.

Benefits

Central air conditioning delivered with a Panasonic R2 Rotary Compressor ensures a superior level of comfort at an economical cost.

Vane - Long Life
The special Physical Vapor Deposition (PVD) coating applied to the Vane greatly enhances the durability and life of the compressor mechanism.

Piston - Durable
The piston is made of unique high-grade steel that prevents wear and extends operation life.

FAQ

How does a Panasonic Rotary compressor work?

R2 compressors are rolling piston rotary compressors. The heart of the rotary compressor is the cylinder which houses the piston and the vane. The vane maintains constant contact with the piston as the piston rolls along the inside wall of the cylinder. As the piston rotates, gas is compressed into an increasingly smaller area until the discharge pressure is reached, releasing gas into the shell chamber. At the same time, more gas comes in through the suction port, enabling a continuous process of suction and discharge.
The simple design and symmetry of the cylinder components, combined with a special coating and premium materials, provide a highly durable and reliable product, rotation after rotation.

What SEER range does the Panasonic Rotary compressor support?

R2 compressors are found in air conditioning products featuring the very latest technology and offering the highest efficiency on the market today. Our R2 compressors are engineered specifically for this SEER efficiency requirement. Combined with the inherently simple design of the rotary, this results in a high desirable and impressively economical solution.

What makes Panasonic Rotary compressor so reliable?

Changes to the construction and material of internal components enables the R2 compressor to reliably operate with an above average maximum discharge pressure. A Physical Vapor Deposition (PVD) coating on the vane, along with enhanced steel materials, significantly reduces wear and increases durability.

What makes a Panasonic Rotary compressor so quiet?

The structure of the R2 compressor mechanism has been redesigned to increase stability and reduce vibration. Specifically, the compressor has an upper cylinder discharge, an enhanced fixed upper bearing, and reduced friction in the cylinder parts. The lower discharge and muffler in the dual piston compressors also enables lower noise levels. As a result, this new design optimises efficiency and minimises noise.

How do R2 rotary compressors compare to scroll and reciprocating compressors?

R2 rotary compressors are very similar to some scroll compressors in overall performance, including efficiency and reliability. The simple and symmetrical key components contribute to the R2 compressor's reliability, light weight, compact size, and economical applied cost, without sacrificing the key performance requirements of high efficiency and low noise levels.

Which refrigerants can be used with Panasonic Rotary compressor?

Panasonic has R2 Rotary Compressors available for R410A applications.

Econavi Intelligent Sensors

Discover how to achieve energy savings

When you are relaxing while watching television, the air conditioner's operation usually runs at a constant temperature setting.

Econavi detects and reduces this waste in all the right ways

Using high-tech sensors and precise control programs, it analyses room conditions and adjusts cooling power accordingly.
Econavi is smart enough to locate and operate in all the right places to give you better energy savings.

So much saved with so little effort

Up to 38%* energy savings for Inverter cooling model with temperature wave

ECONAVI ON, Outside temperature: 35°C/24°C
Remote setting temperature: 23°C with Fan Speed (High)
Vertical Airflow direction: Auto, Horizontal Airflow direction: ECONAVI Mode
Setting temperature goes up 2°C in total, 1°C controlled by ECONAVI activity level detection and another 1°C controlled by ECONAVI light intensity detection.
Temperature Wave is ON, electric heater (300W; simulating the heat of human and TV etc)

ECONAVI OFF, Outside temperature: 35°C/24°C
Remote setting temperature: 23°C with Fan Speed (High)
Vertical Airflow direction: Auto, Horizontal Airflow direction: Front

Total power consumption amount are measured for 2 hours in stable condition. At Panasonic Amenity Room (size:16,6m^2). This is the maximum energy savings value, and the effect differs according to conditions in installation and usage.

*** Comparison of 1,5HP Inverter model between ECONAVI with (Dual Human Activity Sensor, Sunlight Sensor, and Temperature Wave) ON and ECONAVI OFF (Cooling)**

5 Features saving energy all at once: Econavi with intelligent eco sensors

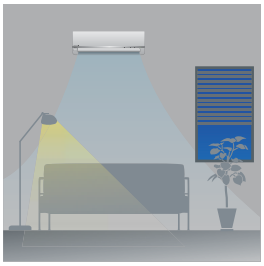
Intelligent Sensors detect potential waste of energy using the Human Activity Sensor and Sunlight Sensor. It is able to monitor human location, movements, absence and sunlight intensity.
It then automatically adjusts cooling power to save energy efficiently with uninterrupted heating and cooling comfort and convenience.

Temperature Wave
Rhythmic temperature-controlled pattern to save energy without sacrificing comfort.

Area Search
Directs airflow to wherever you are in the room. Econavi detects changes in human movements and reduces the waste of cooling the unoccupied area of the room.

Activity Detection
Adapts cooling power to your daily activities. Econavi detects changes in activity levels and reduces the waste of cooling with unnecessary power.

Absence Detection
Reduces cooling power when you are not around. Econavi detects human absence in the room and reduces the waste of cooling an empty room.



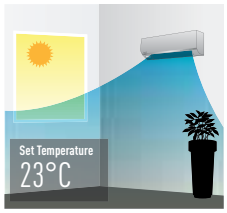
Sunlight Detection
Adjusts cooling power to changes in sunlight intensity.

Econavi sunlight sensor

Sunlight Detection (on Cooling Mode)

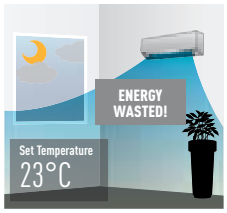
Econavi detects changes in sunlight intensity in the room and judges whether it is sunny or cloudy/night. It reduces waste energy by reducing cooling under less sunny conditions.
When weather changes from sunny to cloudy/night, Econavi detects less sunlight intensity and determines less cooling power is required. If cooling power remains the same, energy will be wasted. Econavi detects this waste and reduces cooling power by an amount equivalent to increasing the set temperature by 1°C.

Sunny



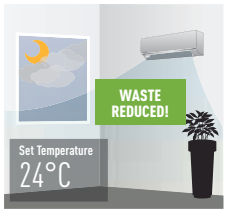
Econavi is switched on when it is sunny.

Detect



Econavi detects less cooling power is required.

Reduce waste

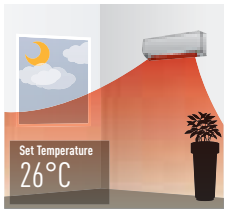


Reduces cooling power by an amount equivalent to increasing the set temperature by 1°C.

Sunlight Detection (on Heating Mode)

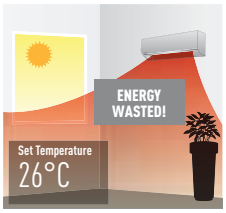
Econavi detects changes in sunlight intensity in the room and judges whether it is sunny or cloudy/night. It reduces heating operation (wasted energy) under more sunnier conditions.
When weather changes from cloudy/night to sunny, Econavi detects more sunlight intensity and determines less heating power is required. If heating power remains the same, energy will be wasted. Econavi detects this waste and reduces heating power by an amount equivalent to decreasing the set temperature by 1°C.

Cloudy/Night



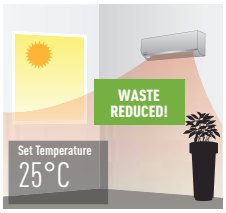
Econavi is switched on when it is cloudy/night.

Detect



Econavi detects less heating power is required.

Reduce waste



Reduces heating power by an amount equivalent to decreasing the set temperature by 1°C.

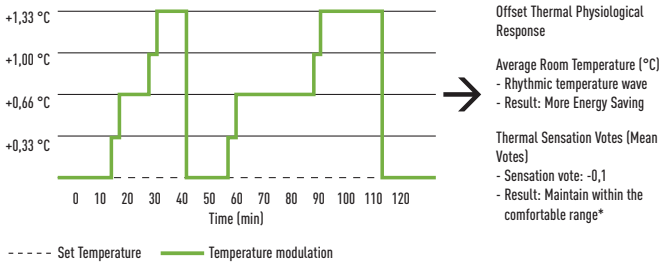
Temperature wave

Rhythmic temperature-controlled pattern to save energy without sacrificing comfort.

Econavi with Temperature Wave was developed based on an understanding of Thermal Physiology; the human body adapts physiologically to changes in temperature. Taking advantage of this understanding, Panasonic's R&D Centre has developed the Rhythmic Temperature Control pattern, which offsets the air conditioner's performance against thermal physiological responses.
Hence, when Econavi detects human presence and low activity level, Temperature Wave adapts to this rhythmic temperature control to realise further energy savings without sacrificing comfort.

How does temperature wave works?

When Econavi detects low activity



The result of the experiment showed that thermal sensation was maintained within the comfortable range* even though average set temperature was moderately increased. Hence, when ECONAVI detects human presence and low activity level, Temperature Wave adapts to this rhythmic temperature control to realise further energy saving without sacrificing comfort.
* The thermal condition of which PMV (Predicted Mean Value) is within -0.5 to +0.5 is recommended as comfortable condition (in the condition B) by International Standard EN ISO 7730.

Econavi Intelligent Sensors

Econavi Intelligent Sensors are able to monitor sunlight intensity, human movements, activity levels and human absence to detect unconscious waste of energy and automatically adjusts cooling power to save energy efficiently whilst still providing uninterrupted cooling comfort and convenience.

Sunlight Sensor
Detects changes in Sunlight Intensity

Human Activity Sensor
Detects human movements, changes in activity levels and human absence.

High-precision sensing

All objects emit infrared rays which, although invisible, can be detected as heat by Econavi's Human Activity Sensor if it is within the detection zone. When an object moves within its detection zone, Econavi compares the object's temperature with the room temperature to determine if it is human, and level of activity based on its movement.

Detecting Human Presence

Difference in temperatures	Difference in temperatures	Difference in temperatures
Movement ☒	Movement ☒	Movement ☑
Concludes nobody is present	Concludes nobody is present	Concludes somebody is present

When there is no movement for over 20 min.

Determining the Level of Human Activity

Scale	Frequency	Speed of Movement

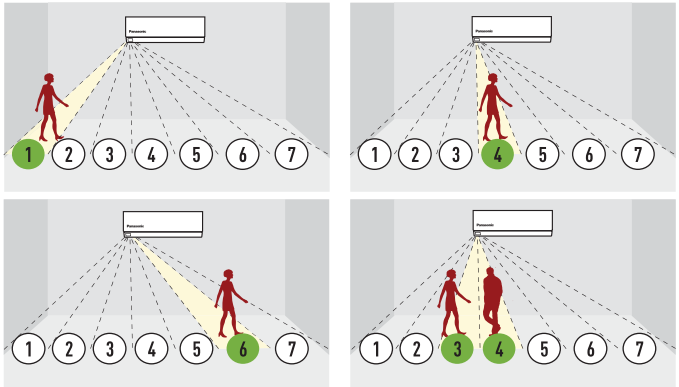
A highly precise conclusion is reached through a complex algorithm

HIGH — NORMAL

Concludes Level of Activity High or Normal

Sensor detection principle

Human Activity Sensor detects human activity level and directs airflow to occupied or high activity zone.



Differentiating objects

Econavi's sensor technology uses factors such as speed, frequency and temperature of every object to determine if it is human.

Electrical products

Difference in temperatures ☐ + Movement ☒
↓
Concludes it is not human

A rolling ball

Difference in temperatures ☒ + Movement ☑
↓
Concludes it is not human

Small insects

Difference in temperatures ☒ + Movement ☑
↓
Concludes it is not human

Pets

Difference in temperatures ☑ + Movement ☑
↓
Concludes it is not human

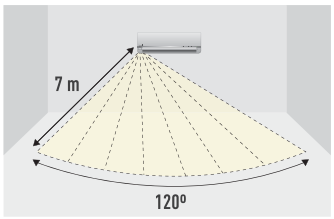
Both changes may be detected, but they are too small to have any effect on the sensor.

From the difference in temperatures and the nature of the object's movement, Econavi can determine if it's human*.
* The sensor may deem pets as humans, unless it moves within the detection zone at speeds that are not humanly possible.

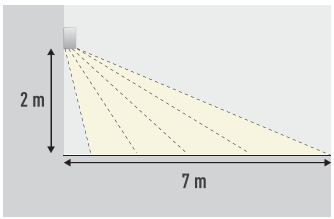
Coverage capabilities

Human Activity Sensor covers a wider area due to its improved area detection function. The entire room is divided into 7 detection areas.

Horizontal sensing area



Vertical sensing area



Improved comfort
AUTOCOMFORT

Autocomfort sensor provides comfort

Autocomfort sensor is used to provide comfort. High Activity Detection detects when the level of activity increases, and automatically increases cooling power by an amount equivalent to decreasing the set temperature by 1°C to improve comfort.
This is explained in the following scenario: High Activity Detection: Econavi High Activity Detection can detect changes in activity levels to adjust cooling power to improve comfort.

Detect

Level of activity increased. Detects high activity.

Improve comfort

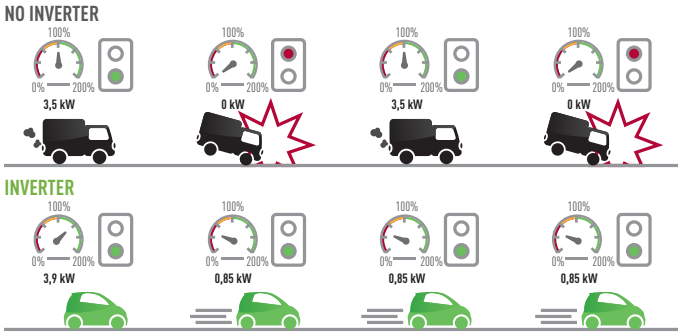
Increases cooling power by an amount equivalent to decreasing the set temperature by 1°C.

Inverter technology

The secret is flexibility

Panasonic Inverter air conditioners have the flexibility to vary the rotation speed of the compressor. This allows it to use less energy to maintain the set temperature while also being able to cool the room quicker at start up. So you can enjoy better savings on your electricity bills while maintaining cooling comfort

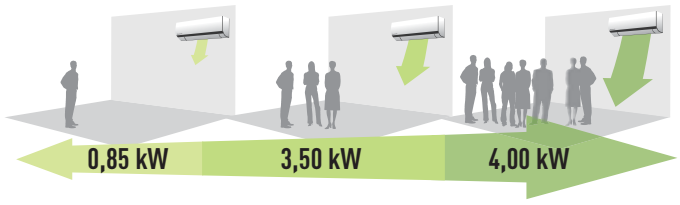
The advantages of inverter heat pumps. Comparing Inverter and non-Inverter heat pumps.



NO INVERTER Slow to start. Takes longer to reach the temperature set point. The temperature oscillates between the two extremes and never stabilises. The temperature falls and then rises quickly, leading to a consumption peak.
INVERTER Rapidly reaches the desired temperature. Adjusts the temperature: more comfort and greater savings. Keeps the temperature comfortable all the time.

Constant Comfort

Precise temperature control with a wide power output range enables an inverter air conditioner to meet different room occupancy levels – thus ensuring constant comfort.



Minimum Power
Compressor rotation speed: SLOW. When not required, the unit operates at low power to save energy.

Medium Power
Normal Condition

Maximum Power
Compressor rotation speed: HIGH. When required, the unit operates at full power.

Graph shows the 1,5HP Inverter model's wide power output range during cooling./ Graph shows the 1,5HP Inverter model's wide power output range during cooling.

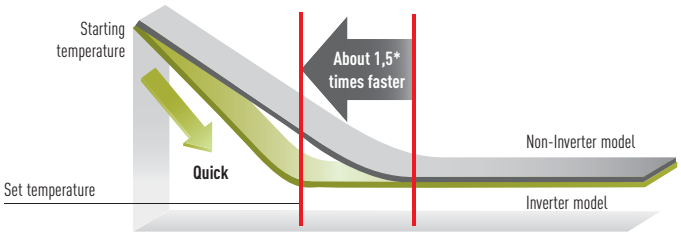
Exceptional energy-saving performance. Reduces electricity consumption

Panasonic Inverter air conditioners are designed to give you exceptional energy savings and performance. At the start up of an air conditioner's operation, a boost in power is required to reach the set temperature. After the set temperature is reached, less power is required to maintain it. The Panasonic Inverter air conditioner varies the rotation speed of the compressor. This provides a highly precise method of maintaining the set temperature.

Quick Comfort

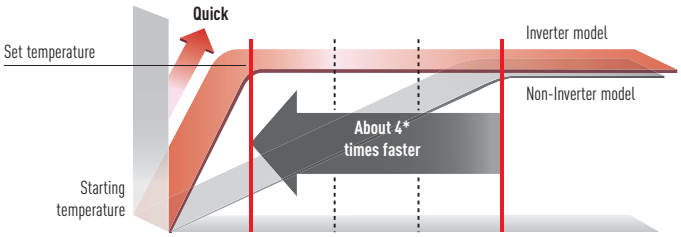
Panasonic Inverter air conditioners can operate with higher power during the start up period to cool the room 1,5 times faster and heat the room 4 times faster than non-Inverter models.

Comparison of Cooling Speed



* 1.5HP Inverter vs. non-Inverter. Outside room temperature: 35˚C; setting temperature: 25˚C

Comparison of Heating Speed



* Comparison of 1.0HP Inverter and Non-Inverter. Outside room temperature: 2˚C ; Setting temperature: 25˚C

Silent air
20 dB(A)
SUPER QUIET

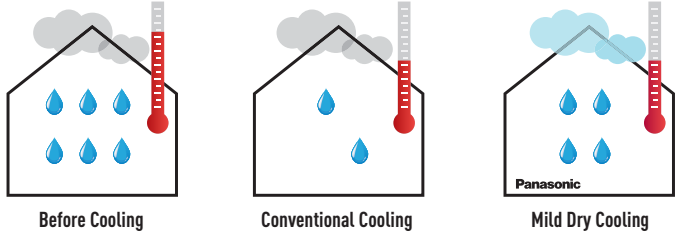
Extremely quiet

We have succeeded in making one of the most silent air conditioners on the market. Panasonic Inverter air conditioner's indoor operating noise has been reduced by 3dB as the Inverter constantly varies its output power to enable more precise temperature control. In comparison, a non-Inverter air conditioner controls the temperature by switching on and off. Each time the air conditioner is switched on, it draws more energy to cool the room subsequently leading to more vibration and higher noise levels.

Perfect
humidity
control
MILD DRY

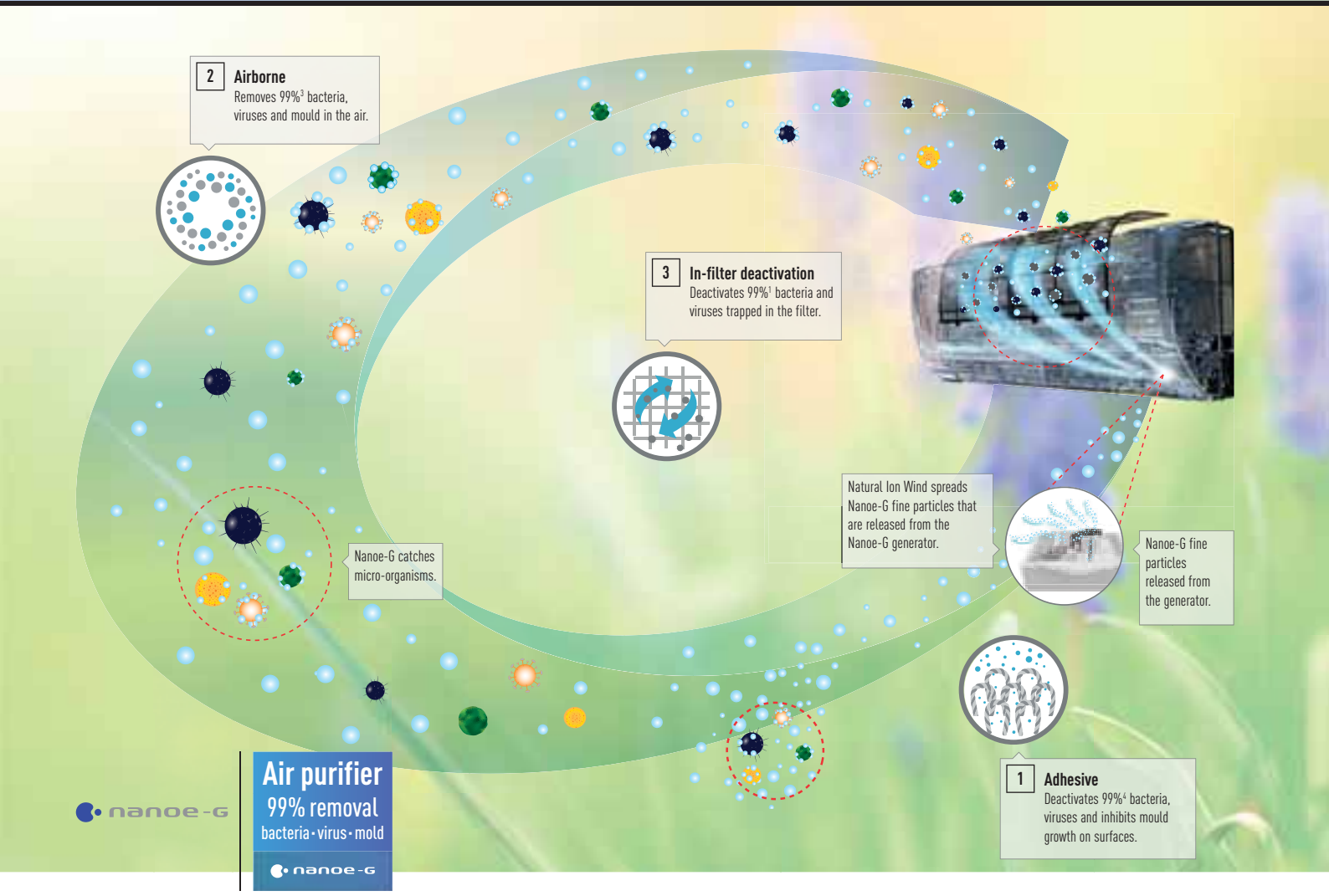
Mild Dry Cooling

Mild dry cooling maintains a higher level of relative humidity of up to 10% compared to regular cooling operation. This helps to reduce skin dryness - and a dry throat.



Before Cooling | **Conventional Cooling** | **Mild Dry Cooling**

Lowers room temperature while maintaining high humidity.



Nanoe-G Air Purification System

Purifies the air, surfaces and even inside itself

Now you can purify living spaces more effectively with Nanoe-G. Using nano-technology fine particles, harmful micro-organisms are removed from the air you breathe. But what about the ones found on furniture and other surfaces? Amazingly, they can also be deactivated by these particles. And now, when you switch off your air conditioner, Nanoe-G will even deactivate the micro-organisms in the filter. So you can enjoy complete peace-of-mind with a living environment that is fresher and cleaner.

Nanoe-G with in-filter deactivation. Advanced air purification system for your home

Panasonic introduces an air purification system that captures harmful micro-organisms from the air, deactivates those trapped on surfaces and in the filter as well. It utilises nano-technology fine particles to purify the air and clean harmful micro-organisms attached onto fabrics in the room. And this year, it comes with a brand new feature that deactivates bacteria and viruses trapped in the filter. Thus, giving you the complete air purification system so you come home to a cleaner living environment.
Nanoe-G has been comprehensively tested in real-life chamber and demonstrated it is also effective against Allergy airborne particles. Due to this, Nanoe-G get the Seal of Approval of the British Allergy Foundation.

	1 Adhesive	2 Airborne	3 In-filter deactivation
Bacteria	99% Deactivation	99% Removal	99% Deactivation
Viruses	99% Deactivation	99% Removal	99% Deactivation
Mould	Growth Inhibition	99% Removal	–
Pollen Allergen	–	76,6% Removal in 1 hour	–

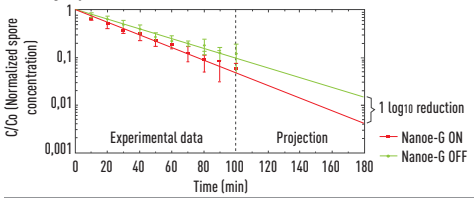
Allergy UK SEAL OF APPROVAL

Panasonic air conditioner CS-E/XE_PKE/QKE, CS-VE_NKE have Nanoe-G air purification system which removes 76,6% of airborne pollen allergen in 1 hour. This has been verified by a 3rd party institution and approved by "allergy UK".

Airborne

Data on removal of airborne bacteria was presented by HARVARD SCHOOL of Public Health researchers at Nano-Symposium at Kyoto University, 2012

In a large space of 40 m³ / Removal effect has been evaluated.

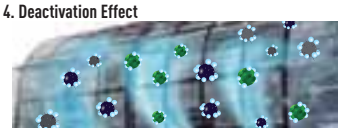


The effect after 100 minutes in a 40 m³ test space [about the size of a 10 tatami mat room], not the effect in a space where actually used.

"Performance evaluation of a novel ionizer for air purification applications". Dr. S. Rudnick et al. Harvard School of Public Health, Environmental Health Nanoscience Lab. A study of the removal effect of airborne bacteria by using an air-conditioner incorporating Nanoe-G was carried out in a large space, and the results were presented at Nano-Symposium jointly held in September 2012 by Harvard University and Kyoto University.

Test methods: Bacteria removal method: Release of Nanoe-G ions. Target: Airborne bacteria, Test results: It is estimated that after three hours of operation the Nanoe-G will achieve 2,7 log_{10} reductions, ~ 1 log_{10} reduction more, as compared to without Nanoe-G.

How does our in-filter deactivation work?

1. Power "Off"	2. Fan Operation	3. Nanoe-G Operation	4. Deactivation Effect
			
The air-conditioner first has to be turned off. **Remark: Main power must be switched on for the entire duration.**	The fan operation will run automatically for 30 minutes with the louvre slightly open to ensure the internal components are dry and free from condensation. **Remark: The 30-minute fan operation is only applicable when the unit has been operated in COOL /DRY mode.**	Natural Ion Wind spreads Nanoe-G particles that are released from the Nanoe-G generator.	Nanoe-G deactivates bacteria and viruses that are trapped in the filter within 2 hours.
	Fan Operation: On // Louvre: Low Louver Angle // Nanoe-G LED: On	Fan Operation: Off // Louvre: Closed // Nanoe-G LED: On	Fan Operation: Off // Louvre: Closed // Nanoe-G LED: On

Remark: Depending on the Air Conditioner's accumulated operation time, Nanoe-G In-Filter Deactivation may be activated only once a day.

The effectiveness of Nanoe-G

Deactives 99%*1 Bacteria and viruses

Deactivates Average 90%*2 INFLUENZA (H1N1) 2009 VIRUS

In-filter deactivation

Target	Substance Name	Effectiveness	Testing Institute	Test Report no	Method	Result
Bacteria	Bacteria Staphylococcus aureus (NBRC 12732)	99%	Japan Food Research Laboratories	Test Report No. 12037932001	The test piece impregnated with Staphylococcus aureus was placed on the filter of the Air Conditioner indoor unit, and then Nanoe-G was operated. After the test piece was collected, viable cells were counted.	99% deactivated after 2-hour Nanoe-G operation.
Virus	Escherichia coli phage (øX-174 ATCC 13706-B1)	99%	Japan Food Research Laboratories	Test Report No. 12014705001	The test piece impregnated with Escherichia coli phage was placed on the filter of the Air Conditioner indoor unit, and then Nanoe-G was operated. After the test piece was collected, phage infectivity titer was determined.	99% deactivated after 2-hour Nanoe-G operation.
	Influenza (H1N1) 2009 virus	Average 90% on filter (The percentage varies from 78,9% to 96,1% depending on its location)	Kitasato Research Center for Environmental Science	KRCES-Virus Test Report No. 24_0013	The test piece impregnated with Influenza (H1N1) 2009 virus was placed on the filter of the Air Conditioner indoor unit, and then Nanoe-G was operated. After the test piece was collected, virus infectivity titer was determined.	Average 90% deactivation after 2-hour Nanoe-G operation. (The percentage varies from 78,9% to 96,1%, depending on its location on filter)

Remark: All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation. * Test substance was placed on the 4 locations of the filter; upper/lower right and upper/lower left.
1) In-filter deactivation was certified by Japan Food Research Laboratories • Test Report number : 12037932001 Bacteria : Staphylococcus aureus (NBRC 12732) • Test Report number : 12014705001 Virus : Escherichia coli phage (-174 ATCC 13706-B1).
2) In-filter deactivation was certified by Kitasato Research Center for Environmental Science • Test Report number : KRCES-Virus Test Report No. 24_0013 Virus : Influenza (H1N1) 2009 Virus.

Removes 99%*3 Bacteria, viruses and mould

Airborne. Testing institute: Kitasato research center for environmental science

Target	Substance Name	Effectiveness	Test Report no	Method	Result
Bacteria	Staphylococcus aureus (NBRC 12732)	99%	KRCES-Bio. Test Report No. 23_0182	The AC with Nanoe-G was operated in a test room (25m³) and aerosol was collected and bacterial count was calculated.	99% removal from the air after 150 minutes of operation.
Virus	Escherichia coli phage (øX-174 ATCC 13706-B1)	99%	KRCES-Env. Test Report No. 22_0008	The AC with Nanoe-G was operated in a test room (25m³) and airborne phages were collected and phage count of the collected air was calculated.	99% removal from the air after 120 minutes of operation.
		99%	KRCES-Env. Test Report No. 22_0008	Nanoe-G was operated in a test chamber (200 Litre) and the phages were collected and phage count of the collected air was calculated.	99% removal from the air after 5 minutes of operation.
	Influenza (H1N1) 2009 virus	99%	KRCES-Env. Test Report No. 22_0008	Nanoe-G was operated in a test chamber (200 Litre) and the influenza viruses were collected and the virus titers were calculated by the Reed and Muench method.	99% removal from the air after 5 minutes of operation.
	Penicillium pinophilum (NBRC 6345)	99%	KRCES-Bio. Test Report No. 23_0140	In view of health hazard associated with spatial distribution of Influenza (H1N1) 2009 virus, Nanoe-G removal effectiveness cannot be tested in large test room (25m³). When tested in 200 l chamber, Nanoe-G was able to decrease Influenza (H1N1) 2009 virus (99%) when it was operated for 5 min. Additionally when tested in larger test room (25m³), Nanoe-G can remove 99,5% of Coli phage virus when operated for 120 min. It was validated that evaluation on the influenza virus could be speculated from the results on the phage according to the test results in a 200 l test chamber. It appeared that the air-conditioners in a larger test room (25m³) would be able to remove the influenza virus as effectively as the phage.	
Mould	Penicillium pinophilum (NBRC 6345)	99%	KRCES-Bio. Test Report No. 23_0140	The AC with Nanoe-G was operated in a test room (25m³) and aerosol was collected and fungal spores count was calculated.	99% removal from the air after 90 minutes of operation.

Remark: All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.
3) Airborne Removal was certified by Kitasato Research Center for Environmental Science • KRCES-Bio. Test Report no.: 23_0182 Bacteria: Staphylococcus aureus (NBRC 12732)
• KRCES-Env. Test Report no.: 22_0008 Virus: Escherichia coli phage (øX-174 ATCC 13706-B1): Influenza (H1N1) 2009 virus • KRCES-Env. Test Report no.: 23_0140 Mould: Penicillium pinophilum (NBRC 6345).

Deactivates 99%*4 Bacteria and viruses

Inhibits mould growth

Adhesive. Testing institute: Japan food research laboratories

Target	Substance Name	Effectiveness	Test Report no	Method	Result
Bacteria	Staphylococcus aureus (NBRC12732)	99%	Test Report No. 11047933001-02	The AC with Nanoe-G was operated in a test space (10m³) and viable cells were counted by pour plate method	99% deactivation after 24 hour operation of Nanoe-G (compared to the original condition/ ventilation mode).
Virus	Bacteriophage (Phi X 174 NBRC103405)	99%	Test Report No. 11073649001-02	Nanoe-G was operated in a test box (90 l) and phage infectivity titer was determined by plaque technique.	99% deactivation after 120 minutes operation of Nanoe-G (compared to non-operation).
Mould	Cladosporium cladosporioides (NBRC 6348)	Inhibit Mould Growth	Test Report No. 11047937001-02	Nanoe-G was operated in a test box (1m³) and colonies on the plate were counted.	The growth of the subject was inhibited (>85% after 7 days).

All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.
4) Adhesive Deactivation was certified by Japan Food Research Laboratories • Test Report number: 11047933001-02 Bacteria: Staphylococcus aureus (NBRC 12732) • Test Report number: 11073649001-02 Virus: Bacteriophage (Phi X 174 NBRC 103405) • Test Report number: 11047937001-02 Mould : Cladosporium cladosporioides (NBRC 6348)

SEASONAL
EFFICIENCY
SEER – SCOP
A+++

heatcharge

Heatcharge. Energy Charge System

Heating power and efficiency

- Energy Charge System. Heat storage unit which features Non-Stop heating and fast heating function
- Maximum efficiency and comfort with Econavi sunlight detection and human activity detection
- Nanoe-G air purifying system
- More powerful airflow to quickly reach the desired temperature

Intelligent microprocessor

DC Inverter

Panasonic's new full line-up of A+++ heat pumps

In response to the Kyoto Protocol, the European Union set some challenging targets for the reduction in greenhouse-gas emissions. By the year 2020, across the member states, the EU wants to have achieved the following objectives:

- A 20% cut in greenhouse gas emissions (from 1990 base levels)
- The share of renewables in the energy mix to increase by 20%
- An overall reduction of 20% in energy consumption

Powerful, reliable heating even at low ambient winter temperatures

When the air conditioner is operating, the compressor, which is the power source of the unit, generates heat. Until now, this heat was released into the atmosphere. Panasonic focused on this waste heat!
Heatcharge is a unique, innovative Panasonic technology that stores this waste heat in the compressor and effectively uses it as heating energy. This lets you enjoy a new level of air conditioner heating power and efficiency.

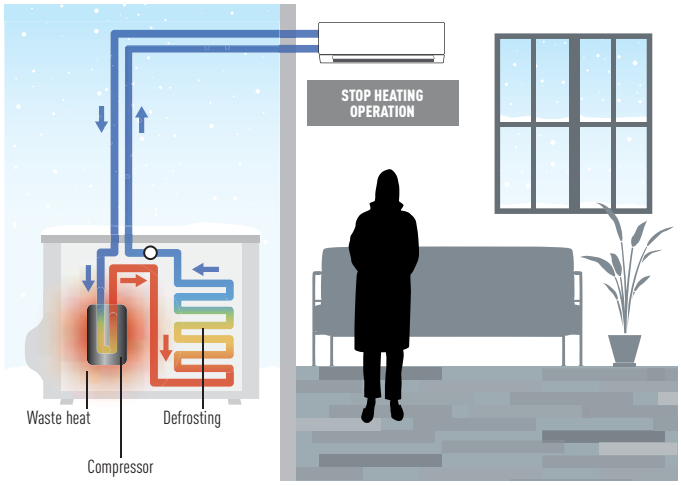
Constant heating

Constant heating
HEATCHARGE

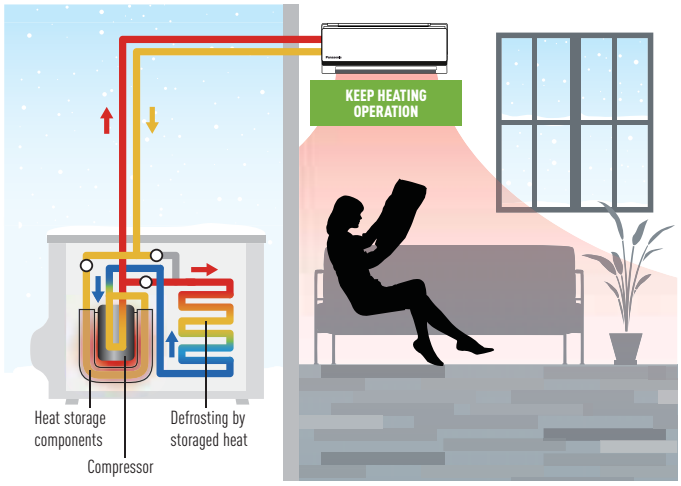
Using stored heat provides stable heating with less drop in temperature.
Even when heating operation stops during defrost operation, stored heat continues to constantly warm the room. This eliminates the previous discomfort due to the temperature dropping when heating temporarily stops to ensure stable air conditioner heating.

You can check the charge level with the remote control Press the Information button and the level is displayed in five stages (from 0 to 4).

Conventional: The room gradually becomes cold
Defrost operation: About 11 to 15 min.
Fall in room temperature: About 5 to 6 °C



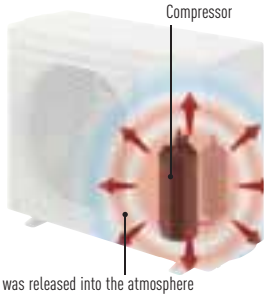
Heatcharge: The room is thoroughly warmed
Defrost operation: About 5 to 6 min.
Fall in room temperature: About 1 to 2 °C



* Defrost operation time and how low room temperature falls differ depending on the environment in which the unit is being used (how insulated and airtight and room is), operation conditions, and temperature conditions.
* Output air temperature falls during defrost operation. How low room temperature falls differs depending on the environment in which the unit is being used (how insulated and airtight and room is), operation conditions, and temperature conditions.
* In environments where a lot of frost accumulates, heating may stop during defrost operation.

Conventional

During operation, heat is generated inside the compressor.



Heatcharge

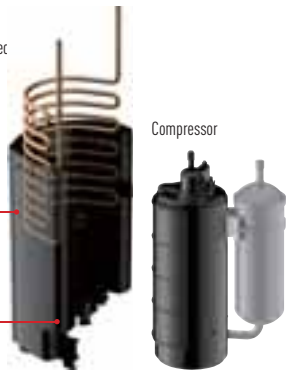
Heat generated by the compressor is stored inside and used to warm the refrigerant to efficiently increase heating power.

Heatcharge unit

The compressor is wrapped exhaust heat is used for charging.

Heatcharge tank
Waste heat from the compressor is stored.

Finless heat exchanger
Stored heat is converted to energy.



Possible
to use on
R22 pipings

R22 RENEWAL

R22 Renewal

An important drive to further reduce the potential damage to our ozone

It is often said that legislation is ruling our lives but sometimes it is there to help save lives. R22 phase out can be described as one of these and from Jan 1st 2010 the use of Virgin (new) R22 refrigerant was banned within the European Community.

- All Panasonic standard NKE, PKE and QKE units can be install on existing R22 pipings
- No need of additional accessories (only pipe reduces)
- Approximately 30% energy saving compare to R22 units

Panasonic are doing our part

We at Panasonic are also doing our part – recognising that all finances are under pressure at the moment. Panasonic has developed a clean and cost effective solution to enable this latest legislation to be introduced with as minimum an effect on businesses and cash reserves as possible.
The Panasonic renewal system allows good quality existing R22 pipe work to be re-used whilst installing new high efficiency R410A systems.
By bringing a simple solution to the problem Panasonic can renew all Split Systems and PACi systems; and depending upon certain restrictions we don't even limit the manufacturer's equipment we are replacing.
By installing a new high efficiency Panasonic R410A system you can benefit from around 30% running cost saving compared to the R22 system.

Yes...
1. Check the capacity of the system you wish to replace
2. Select from the Panasonic range the best system to replace it with
3. Follow the procedure detailed in the brochure and technical data

Simple...

R22 - The reduction of Chlorine critical for a cleaner future

Guidance on re-using of existing R22 piping for a new R410A installation

1. Precaution

The existing R22 piping can be re-used for a R410A system installation if the following conditions are met and the piping are finally verified to be:
- Dry (no moisture remained in the piping)
- Clean (no dust remained in the piping)
- Tight (no refrigerant leak at the joining and piping)

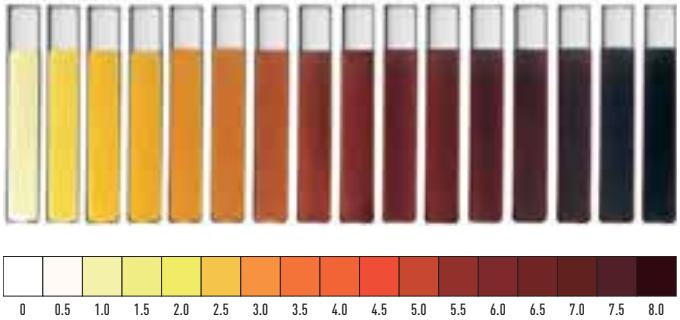
2. Conditions

- Recover the refrigerant and oil.
  Operate "force cooling" according to the recommended operation time, regardless of the piping length.
  Single split: 10min.
  Multi split: 30min.
  After that, carry out "pump down" to recover the refrigerant and oil from the existing R22 system

* Note: If pump down operation is not possible due to the malfunction of the system, flush and wash the existing piping to collect back the oil and dirt inside the system.

- Check the oil condition.
  If the oil contains dirt, wash the existing pipes
- Check the oil color.
  After pump down, use a cotton bud to wipe the oil from the existing pipe.
  If the oil color is higher than ASTM3, use a new pipe as re-use of old piping is not allowed

Deterioration Criteria for Refrigerant Oil



- Check pipe thickness.
  Make sure that the pipe thickness is more than 0,8mm.

If the thickness is less than 0,8mm, use a new pipe

- Rework the flare for R410A connection.
  Do not reuse the old flare nuts.

Make sure to use the new flare nuts attached to the R410a system

*Note: If the existing piping size is 1/4" (6.35mm) and 1/2" (12.7mm), and the new R410a system is 1/4" and 3/8" (9.52mm), use a pipe reducer connected at indoor and outdoor unit.

3. Applicable Model

Panasonic single split room air conditioner from CS/CU-RE/UE/YE/XE/CE/NE/E*NKE and PKE series onwards.
Panasonic multi split room air conditioner from CU-2E/3E/4E/5PBE series onwards.

Control & Connectivity

Aware of the importance of both control and connectivity in offering the best comfort at the lowest price, Panasonic offers its customers cutting-edge technology, specially designed to ensure our air conditioning systems deliver maximum performance. You can properly manage the air conditioning and perform comprehensive monitoring and control, with all of the features the remote control provides at home, from anywhere in the world thanks to the internet applications Panasonic has created for you.

Internet Control

Control your air conditioning from wherever you are. Control your comfort and efficiency with the lowest energy consumption

What's Internet Control?

Internet Control is a next generation system providing user-friendly remote control of air conditioning or heat pump units, using a simple Android or iOS smartphone, tablet or PC via internet.

Simple Installation

Just connect the Internet Control device to the air conditioner or heat pump with the supplied wire and then link it to your WIFI Access point.

Internet Control. Easy to install. Maximum benefit

Internet Control is underlined with the slogan "Your home in the cloud", meaning a simple and easy to handle solution has been considered for every user to manage the device, not requiring any communication or computer skills.

No servers. No adaptors. No wires. Just a small box is needed to be connected and placed close to the air conditioning indoor unit... and your smartphone, tablet or PC.

Your existing WiFi connection does the rest when you are at home. Start the App from your smartphone device, your tablet or your computer, and enjoy a new experience in comfort. And if you are out of home, just launch the App, and manage the air conditioning of your home from the cloud. An intuitive and user-friendly application on the screen of your smartphone or PC that lets you manage the air conditioning unit in the same way you do with the remote controller at home.

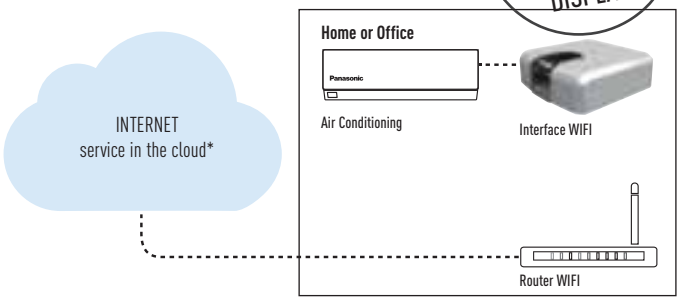
Internet Control can be downloaded in Apple's AppStore and Android's PlayStore.

Control your air conditioning with the smart internet control device via smartphones, tablet, PC and smart desktop phone via internet

Offering the same functions as if you were at home or office: start/stop, Mode Operation, Set Temperature, Room Temperature etc as well as the new, advanced functionality provided by Internet Control to achieve the best comfort and efficiency with the lowest energy consumption.

Take control from wherever you are!

WITH ETHEREA QKE: ENERGY CONSUMPTION DISPLAY



* Functionalities depend on the license. The information indicated above is subject to changes and updates.

Reference: PA-AC-WIFI-1 For Etherea and Heatcharge, with full communication
Reference: PAW-IR-WIFI-1 by Infra red sensor, only ON/OFF and temperature setting

Study Case. James, architect

"As an architect, I'm proud of my home. Unfortunately, the pace of my life revolves around airports on all five continents.

Because of this, whenever I get the chance to enjoy even just a few days at home, I programme my Panasonic Multi Split System to my tablet and from wherever I happen to be, I can enjoy the comforts that the system gives me from the minute I arrive home."

IntesisHome®

Reference: PAW-IR-WIFI-1

IntesisHome IS-IR-WIFI-1 device is an easy to install and small device which allows connectivity with the IntesisHome application and connects with your climate system using Infrared (IR). The device enables the control of the Panasonic RAC units without CN-CNT connector (RE, UE, GFE and Free Multi lines).

Specific features: • ON/OFF, mode, set point, fan speed, vanes and room temperature • Easy installation (no special electrical work needed) • Feedback to the IntesisHome system when changes are made from the infrared remote controller.

General IntesisHome features: • Calendar scheduler • Scenes • Control from anywhere • Several languages

Easy control by BMS
CONNECTIVITY

Connectivity. Control by BMS

Great flexibility for integration into your IntesisHome, KNX, EnOcean, Modbus and BacNet projects allows fully bi-directional monitoring and control of all the functioning parameters

Reference: PAW-AC-KNX-1i

This new KNX interface allows full bi-directional monitoring and control of all the functioning parameters of the air conditioner control from KNX installations. Small dimensions.

- Quick installation and possibility of hidden installation
- External power not required
- Direct connection to the AC indoor unit (split unit or Multi split unit)
- Fully KNX compatible. Control and monitoring, from sensors or gateways, of the internal variables of the indoor unit and error codes and indication
- Use the air conditioner ambient temperature or the one measured by a KNX temperature sensor or Thermostat
- AC unit can be controlled simultaneously by the remote control of the AC unit and by KNX devices
- Advanced control functions: use it as a room controller
- 4 binary inputs. They work as standard KNX binary inputs as well as being used to control the AC directly

Reference: PAW-AC-MBS-1

This new Modbus interface allows full bi-directional monitoring and control of all the functioning parameters of the air conditioner control from Modbus installations. Small dimensions.

- Quick installation and possibility of hidden installation
- External power not required
- Direct connection to the AC indoor unit (split unit or Multi split unit)
- Fully Modbus compatible. Control and monitoring, from sensors or gateways, of the internal variables of the indoor unit and error codes and indication
- Use the air conditioner ambient temperature or the one measured by a Modbus temperature sensor or Thermostat
- AC unit can be controlled simultaneously by the remote control of the AC unit and by Modbus devices
- Advanced control functions: use it as a room controller
- 4 binary inputs. They work as standard Modbus binary inputs as well as being used to control the AC directly

Reference: PAW-AC-ENO-1i

This new EnOcean interface allows monitoring and control, fully bi-directionally, all the functioning parameters of the air conditioner control from EnOcean installations. Small dimensions.

- Quick installation and possibility of hidden installation
- External power not required
- Direct connection to the AC indoor unit (split unit)
- Fully EnOcean compatible. Control and monitoring, from sensors or gateways, of the internal variables of the indoor unit and error codes and indication
- Use the air conditioner ambient temperature or the one measured by an EnOcean temperature sensor or Thermostat
- AC unit can be controlled simultaneously by the remote control of the AC unit and by EnOcean devices
- Advanced control functions: use it as a room controller
- 4 binary inputs. They work as standard EnOcean binary inputs as well as being used to control the AC directly


EnOcean Switch


EnOcean RC


Keycard


Movement sensor

Reference: PAW-AC-BAC-1

This interface allows a complete and natural integration of Panasonic air conditioners into either BACnet IP or MS/TP networks.

- Quick installation and possibility of hidden installation
- External power not required
- Direct connection to the AC indoor unit
- Total Control and Supervision. Real states of the AC unit's internal variables
- Allows using simultaneously the IR and wired remote controls and BACnet.

Dry contact
with additional PCB:PAW-AC-DIO
SIMPLE CONNECTION

Reference: PAW-AC-DIO

Dry contact ON/OFF Interface. Panasonic has developed for hotels applications a dry contact PCB which works with Etherea, RE, UE and YE indoor units in order to control simply the unit centrally.

- ON/OFF signal by 3rd party BMS
- PCB connected to CN-RMT port on Indoor Unit PCB

Model name	Interface	Model name	Interface
PA-AC-WIFI-1	Interface for IntesisHome for Etherea, Heatcharge and Flagship, with full communication	PAW-AC-BAC-1	Interface for BacNet (Etherea, 4-Way 60x60 cassette and Low static pressure hide away)
PAW-IR-WIFI-1	Interface for IntesisHome by Infra red sensor, only ON/OFF and temperature setting	PAW-AC-HEAT-1	Heating only PCB for Etherea, 4-Way 60x60 cassette and Low static pressure hide away
PAW-AC-ENO-1i	Interface for En-ocean (Etherea, 4-Way 60x60 cassette and Low static pressure hide away)	PAW-AC-DIO	PCB for wall mounted with dry contacts, On/Off, Error message (all QKE and RKE wall mounted)
PAW-AC-KNX-1i	Interface for KNX (Etherea, 4-Way 60x60 cassette and Low static pressure hide away)	PAW-SMSCONTROL	Control of the Etherea, Flagship and Heatcharge by SMS (need additional SIM card)
PAW-AC-MBS-1	Interface for Modbus (Etherea, 4-Way 60x60 cassette and Low static pressure hide away)		

Domestic Air Conditioner Range

1x1 and Multi Split Kits	2,2 kW	2,8 kW	3,2 kW	4,5 kW
Wall Mounted Etherea Inverter+ Silver	 KIT-XE7-QKE	 KIT-XE9-QKE	 KIT-XE12-QKE	
Wall Mounted Etherea Inverter+ White	 KIT-E7-QKE	 KIT-E9-QKE	 KIT-E12-QKE	 KIT-E15-QKE
Wall Mounted VE Inverter+ Energy Charge System		 KIT-VE9-NKE	 KIT-VE12-NKE	
Wall Mounted RE Type Standard Inverter NEW		 KIT-RE9-RKE	 KIT-RE12-RKE	 KIT-RE15-RKE
Wall Mounted UE Type Standard Inverter NEW		 KIT-UE9-RKE	 KIT-UE12-RKE	
Wall Mounted PE Type Standard Inverter NEW		 KIT-PE9-RKE	 KIT-PE12-RKE	
Wall Mounted Professional Inverter -15°C		 KIT-E9-PKEA	 KIT-E12-PKEA	 KIT-E15-PKEA
Floor Console Type Inverter+		 KIT-E9-PFE	 KIT-E12-PFE	
4-Way 60x60 Cassette Standard Inverter NEW		 KIT-E9-PB4EA	 KIT-E12-PB4EA	
Low Static Pressure Hide Away Standard Inverter NEW		 KIT-E9-PD3EA	 KIT-E12-QD3EA	
RE Wall Mounted 2X1 Standard Inverter				 KIT-2MRE77-RBE // KIT-2MRE79-RBE // KIT-2MRE712-RBE // KIT-2MRE77-RKE // KIT-2MRE79-RKE // KIT-2MRE712-RKE
Etherea Multi Split Inverter+				 KIT-2XE/E77-QBE // KIT-2XE/E79-QBE // KIT-2XE/E712-QBE // KIT-2XE/E99-QBE

Free Multi	3,2 to 5,6 kW	3,2 to 6,4 kW	4,5 to 9,0 kW	4,5 to 11,0 kW	4,5 to 13,6 kW	4,5 to 17,5 kW
						
Outdoor Unit //Inverter+	CU-2E15PBE (2 rooms)	CU-2E18PBE (2 rooms)	CU-3E18PBE (3 rooms)	CU-4E23PBE (4 rooms)	CU-4E27PBE (4 rooms)	CU-5E34PBE (5 rooms)

5,0 kW	6,0 kW	6,5 kW	8,0 kW	10,0 kW
 KIT-XE18-QKE				
 KIT-E18-QKE	 KIT-E21-QKE	 KIT-E24-QKE	 KIT-E28-QKE	
 KIT-RE18-RKE		 KIT-RE24-RKE		
 KIT-UE18-RKE				
 KIT-E18-PKEA				
 KIT-E18-PFE				
 KIT-E18-RB4EA	 KIT-E21-RB4EA			
 KIT-E18-RD3EA				
 KIT-2MRE99-RBE // KIT-2MRE99-RKE // KIT-2MRE912-RKE // KIT-2MRE1212-RKE				
 KIT-2XE/E99-QKE // KIT-2XE/E712-QKE // KIT-2XE/E912-QKE // KIT-2XEE/1212-QKE	 KIT-3XE/E7712-QBE // KIT-3E7715-QBE // KIT-3E557-QBE		 KIT-4E5557-QBE // KIT-4XE/E77712-QBE // KIT-4E77715-QBE // KIT-4XE/E7777-QKE // KIT-4XE/E77712-QKE // KIT-4E77715-QKE	 KIT-5XE77777-QBE // KIT-5E77777-QBE

Features Explained

Healthy Air Quality

Nanoe-G
Nanoe-G utilises nano-technology fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as bacteria, viruses and mould thus ensuring a cleaner living environment. Seal of Approval of the British Allergy Foundation

Mild Dry Cooling
Fine control helps prevent a rapid decrease in room humidity while maintaining the set temperature. Maintains an RH* up to 10% higher than cooling operation (*RH: Relative Humidity).
Ideal when sleeping with the air conditioner on.

Antiallergy Properties
System is equipped with antiallergy properties filter.

Odour-removing function
Allows the exchanger to be cleaned, preventing possible odours. While this function is connected, the fan also remains off momentarily to avoid unpleasant odours while the exchanger is being cleaned.

Removable, washable panel
The front panel is easy to keep clean. It can be removed quickly in one single step and can be washed in water. A clean front panel ensures smoother, more efficient operation, which can save energy.

Comfort

Internet Control
Internet Control is a next generation system providing user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android or iOS smartphone, tablet or PC via internet.

Inverter Plus System
Inverter plus products improve on the characteristics of standard Inverter air conditioners by over 20%. This means 20% less consumption and 20% off your electric bill. Inverter plus is also A class on cooling and heating mode.

Inverter system
The Inverter range provides greater efficiency, more comfort. Provides more precise temperature control, without highs and lows, and keeps the ambient temperature constant with lower energy consumption and a significant reduction in noise and vibration levels.

Econavi
The sensor determines the human activity level and the position in the room and adjust the air flow orientation for maximum comfort and maximum savings, and detects changes in sunlight intensity and judges whether it is sunny or cloudy/night. It reduces unnecessary heating under more sunlight conditions.

Econavi Sunlight Detection
Detects changes in sunlight intensity and judges whether it is sunny or cloudy/night. It reduces the heating and therefore wasted energy under more sunlight conditions.

Autocomfort
Detects conditions in the room and switches to energy saving operation when nobody is in the room. However, priority is given to comfort, so cooling power is increased when there's a lot of human activity.

Super Quiet
Thanks to its latest generation compressor and its twin blade fan, our outdoor unit is one of the most silent on the market. The indoor unit emits an almost imperceptible 20 dB.

Down to -10°C in cooling only mode
The air conditioner works in cooling only mode with an outdoor temperature of -10°C.

Down to -15°C in heating mode
The air conditioner works in heat pump mode with an outdoor temperature as low as -15°C.

Heatcharge
This innovative, newly developed technology charges heat and uses it for heating. Thanks to this system, you can enjoy incredibly powerful, comfortable air conditioner heating.

Summer House
This innovative function keeps the house at 7/8°C to avoid freezing pipes during the winter. This function is highly appreciated in summer house or week end houses.

Easy control by BMS
The communication port is integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system.

Powerful Mode
The rapid and effective powerful mode is ideal for when you come home on the hottest or coldest days. It works at maximum power to reach the desired temperature in just 15 minutes.

Soft Dry Operation Mode
The soft dry mode eliminates excess moisture with a soft breeze and provides a sense of wellbeing without much change in temperature.

Wide & Long Airflow Vane
This vane has been designed so that the air goes further. It sends air to every corner of the room to keep the whole room in the comfort zone.

Personal Airflow Creation
Permits the air direction to be adjusted vertically and horizontally. This feature can be conveniently selected by remote control.

Automatic Vertical Airflow Control
The flap swings up and down automatically. The flow can also be set at a fixed angle with the remote control.

Manual Horizontal Airflow Control

Auto Mode (Inverter)
Automatically changes from cooling to heating depending on the set temperature for the room.

Simple Auto Changeover
When the difference between the measured temperature and the set temperature is 3°C or more, it automatically switches the current operation mode to heating or cooling mode necessary to keep the temperature at a constantly comfortable level.

Hot Start Mode
At the start of heating cycle and after defrost cycle, the indoor fan will start up once the indoor heat exchanger is warm.

Use

Real time clock with dual ON&OFF timer
This feature enables you to preset two different sets of start/stop operation timer (hour and minute) within a 24-hour time frame.

Real time clock with single ON&OFF timer
The exact operating time (hour and minute) can be set in advance. From here on, the unit will operate in accordance to these preset hours every day until the system is reset.

LCD Wireless Remote Controller

Reliability

Automatic Restart
This function permits automatic restarting if safe mode operation has stopped for some unusual reason, such as after a power cut. As soon as the power is back, the unit restarts with the parameters selected before it stopped.

Long Piping
Indicates the maximum length of pipe between the outdoor unit and the indoor unit(s). The distances permitted, demonstrate the installations possible.

Top-Panel Maintenance Access
Maintenance of an outdoor unit used to be quite a tedious task. Now, with the possibility of removing the top cover, maintenance is quick and easy.

Self-Diagnosis Function
With this function the unit carries out a process self-diagnosis when a particular function does not work correctly. This allows faster servicing.

R22 Renewal
The Panasonic renewal system allows good quality existing R22 pipe work to be re-used whilst installing new high efficiency R410A systems.

5 Years Warranty.
Panasonic guarantees the compressors in the entire range for five years.

Feature Comparison

		MODELS	WALL MOUNTED ETHEREA INVERTER+ SILVER	WALL MOUNTED ETHEREA INVERTER+ WHITE	WALL MOUNTED VE INVERTER+ ENERGY CHARGE SYSTEM	WALL MOUNTED RE TYPE STANDARD INVERTER	WALL MOUNTED UE TYPE STANDARD INVERTER	WALL MOUNTED PE TYPE STANDARD INVERTER	WALL MOUNTED PROFESSIONAL INVERTER -15°C	FLOOR CONSOLE TYPE INVERTER+	4-WAY 60x60 CASSETTE INVERTER	LOW STATIC PRESSURE HIDE AWAY INVERTER	RE WALL MOUNTED 2x1 STANDARD INVERTER	ETHEREA MULTI SPLIT 2x1 INVERTER+	ETHEREA MULTI SPLIT 3x1 INVERTER+	ETHEREA MULTI SPLIT 4x1 AND 5x1 INVERTER+
Healthy Air Quality	Air purifier 99% removal	Nanoe-G air purifying system	✔	✔	✔									✔	✔	✔
	Perfect humidity control	Mild Dry Cooling	✔	✔												
		Antiallergy properties	✔ 3rd party tested	✔ 3rd party tested	✔ 3rd party tested	✔	✔							✔ 3rd party tested	✔ 3rd party tested	✔ 3rd party tested
		Odour-removing function	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Removable, washable panel	✔	✔	✔	✔	✔	✔	✔	✔			✔	✔	✔	✔
Comfort	Internet Control Ready	Internet Control	✔	✔	✔	✔	✔			✔				✔	✔	✔
	Energy saving	Inverter+ system	✔	✔	✔				✔	✔				✔	✔	✔
	Energy saving	Inverter system				✔	✔	✔			✔	✔	✔			
	Up to 38% energy savings (cooling)	Econavi	✔	✔										✔	✔	✔
	Sunlight detection	Econavi Sunlight Detection	✔	✔	✔									✔	✔	✔
	Improved comfort	Autocomfort	✔	✔										✔	✔	✔
	Silent air 20 dB(A)	Super Quiet	✔ For XE7, XE9 and XE12	✔ For E7, E9 and E12	✔	✔ For RE9-12* (22dB)	✔ UE9-12* (22dB)	✔ YE9-12* (22dB)								
	Down to -10°C in cooling mode	Down to -10°C in cooling only	✔	✔	✔				✔ -15°C		✔	✔		✔	✔	✔
	Down to -15°C in heating mode	Down to -15°C in heating mode	✔	✔	✔ -30°C	✔	✔ -10°C	✔ -10°C	✔	✔ -20°C	✔ -10°C	✔ -10°C	✔ -10°C	✔	✔	✔
	Constant heating	Heatcharge			✔											
	Prevent freezing	Summer House			✔											
	Easy control by BMS	Easy control by BMS	✔	✔	✔				✔		✔	✔	✔	✔	✔	✔
		Powerful mode	✔	✔	✔				✔	✔	✔	✔		✔	✔	✔
		Soft dry operation mode	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Wide & long airflow vane			✔								✔			
		Personal airflow creation	✔	✔	✔	✔ For RE18 and RE24								✔	✔	✔
		Automatic vertical airflow control			✔	✔ For RE9, RE12 and RE15	✔ For UE9 and UE12	✔		✔	✔		✔			
		Manual horizontal airflow control			✔	✔ For RE9, RE12 and RE15	✔ For UE9 and UE12	✔		✔			✔			
		AUTO mode (Inverter)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Simple Auto Changeover	✔	✔	✔	✔	✔	✔								
		Hot start mode	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Use	24 DAILY	Real time clock with dual ON&OFF timer	✔	✔	✔				✔					✔	✔	✔
	24	Real time clock with single ON&OFF timer				✔	✔	✔		✔	✔	✔	✔			
		LCD Wireless remote controller	✔	✔	✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
Reliability		Automatic restart	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Long piping	✔ 15 m (XE7-12) 20 m (XE18)	✔ 15 m (E7-15) 20 m (E18-21) 30 m (E24-28)	✔ 15 m	✔ 15 m (RE9-15) 20 m (RE18) 30 m (RE24)	✔ 15 m	✔ 15 m	✔ 15 m (E9-15) 20 m (E18)	✔ 15 m (E9-12) 20 m (E18)	✔ 20 m	✔ 20 m	✔ Max. 30 m	✔ Max. 30 m	✔ Max. 50 m	✔ 60 m (4E23) 70 m (4E27) 80 m (5E34)
		Top-Panel maintenance access	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Self-diagnosis function	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	Possibility to use on R22 pipings	R22 renewal	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	5 year compressor warranty	Warranty on the compressor	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

* At the lowest fan speed.

WALL MOUNTED ETHEREA
INVERTER+
SILVER PLATED / WHITE

Etherea with enhanced Econavi sensor and new Nanoe-G air-purifying system: outstanding efficiency, comfort and healthy air combined with state-of-the-art design.

Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With Econavi, energy savings of up to 38% are possible, whilst increasing your comfort. Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.

Awarded with the prestigious IF Design Award 2013

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-XE12-QKE and KIT-E12-QKE. MILD DRY: Maintains a Relative Humidity up to 10% higher than cooling operation. Ideal when sleeping with the air conditioner on. SUPER QUIET: For XE7, XE9, XE12, E7, E9 and XE12.

Kit Silver Plated			**KIT-XE7-QKE**	**KIT-XE9-QKE**	**KIT-XE12-QKE**	**—**
Kit Silver Plated / with Smartphone Control			**KIT-XE7-QKE-WIFI**	**KIT-XE9-QKE-WIFI**	**KIT-XE12-QKE-WIFI**	**—**
Kit White			**KIT-E7-QKE**	**KIT-E9-QKE**	**KIT-E12-QKE**	**KIT-E15-QKE**
Kit White / with Smartphone Control			**KIT-E7-QKE-WIFI**	**KIT-E9-QKE-WIFI**	**KIT-E12-QKE-WIFI**	**KIT-E15-QKE-WIFI**
Indoor Silver plated			**CS-XE7QKEW**	**CS-XE9QKEW**	**CS-XE12QKEW**	**—**
Indoor White			**CS-E7QKEW**	**CS-E9QKEW**	**CS-E12QKEW**	**CS-E15QKEW**
Outdoor			**CU-E7QKE**	**CU-E9QKE**	**CU-E12QKE**	**CU-E15QKE**
Cooling capacity	Nominal (Min - Max)	kW	2,05 (0,75 - 2,40)	2,50 (0,85 - 3,00)	3,50 (0,85 - 4,00)	4,20 (0,85 - 5,00)
	Nominal (Min - Max)	kCal/h	1.760 (650 - 2.060)	2.150 (730 - 2.580)	3.010 (730 - 3.440)	3.610 (730 - 4.300)
EER [1]	Nominal (Min - Max)	Energy Saving	4,46 (3,13-4,25) **A**	4,76 (3,47-4,20) **A**	4,19 (3,40-3,81) **A**	3,39 (3,27-3,25) **A**
SEER	**Nominal**	**Energy Saving**	**6,90** A++	**6,90** A++	**7,60** A++	**6,60** A++
Pdesign (cooling)		kW	2,1	2,5	3,5	4,2
Power input cooling	Nominal (Min - Max)	kW	0,460 (0,240 - 0,565)	0,525 (0,245 - 0,715)	0,835 (0,250 - 1,050)	1,240 (0,260 - 1,540)
Annual electricity consumption (cooling) [2]		kWh/a	107	127	161	223
Heating capacity	Nominal (Min - Max)	kW	2,80 (0,70 - 4,00)	3,40 (0,80 - 5,00)	4,00 (0,80 - 6,00)	5,30 (0,80 - 6,80)
Heating capacity at -7°C	Nominal	kW	2,38	2,95	3,45	4,11
COP [1]	Nominal (Min - Max)	Energy Saving	4,48 (3,89-4,00) **A**	4,72 (4,21-3,92) **A**	4,76 (4,21-3,75) **A**	3,73 (4,21-3,54) **A**
SCOP	**Nominal**	**Energy Saving**	**4,40** A+	**4,70** A++	**4,80** A++	**4,00** A+
Pdesign at -10°C		kW	2,1	2,7	3,2	3,6
Power input heating	Nominal (Min - Max)	kW	0,625 (0,180 - 1,000)	0,720 (0,190 - 1,270)	0,840 (0,190 - 1,600)	1,420 (0,190 - 1,920)
Annual electricity consumption (heating) [2]		kWh/a	668	804	933	1.260
Indoor Unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5	1,5
Connection indoor / outdoor		mm^2	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	2,20 / 2,80	2.35 / 3,20	3,80 / 3,90	5,50 / 6,30
Maximum current		A	4,40	5,6	7,40	8,5
Air volume	Cooling / Heating	m^3/h	726 / 738	768 / 774	804 / 822	852 / 876
Moisture removal volume		l/h	1,3	1,5	2	2,4
Sound pressure level [3]	Cooling (Hi / Lo / Q-Lo)	dB(A)	37 / 24 / 20	39 / 25 / 20	42 / 28 / 20	43 / 31 / 25
	Heating (Hi / Lo / Q-Lo)	dB(A)	38 / 25 / 20	40 / 27 / 20	42 / 33 / 20	43 / 35 / 29
Sound power level	Cooling / Heating (Hi)	dB	53 / 54	55 / 56	58 / 58	59 / 59
Dimensions	H x W x D	mm	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255
Net weight		kg	10	10	10	10
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Outdoor Unit						
Air volume	Cooling / Heating	m^3/h	2.034 / 2.034	1.788 / 1.788	2.106 / 2.160	1.998 / 1.998
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	45 / 46	46 / 47	48 / 50	49 / 51
Sound power level	Cooling / Heating (Hi)	dB	60 / 61	61 / 62	63 / 65	64 / 66
Dimensions [4]	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299
Net weight		kg	31	33	35	33
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)
Refrigerant loading	R410A (GWP value)	kg	0,85	1,02	1,15	1,02
Elevation difference (in/out) [5]	Max	m	15	15	15	15
Piping length	Min / Max	m	3 / 15	3 / 15	3 / 15	3 / 15
Precharge length	Max	m	7,5	7,5	7,5	7,5
Additional charge		g/m	20	20	20	20
Operating range	Cooling Min / Max	°C	-10 / +43	-10 / +43	-10 / +43	-10 / +43
	Heating Min / Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: Quiet mode. Lo: The lowest fan speed. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.

Specifications subject to change without notice.

For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

SEASONAL EFFICIENCY
SEER — SCOP
A++

ETHEREA

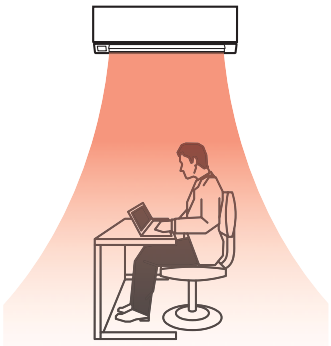
CS-E7QKEW // CS-E9QKEW // CS-E12QKEW // CS-E15QKEW

Technical focus

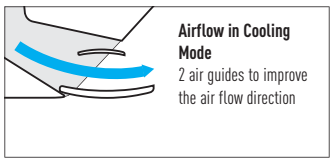
- This units can be installed on R22 pipings
- Maximum efficiency and comfort with Econavi, now with sunlight detection
- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses, bacteria and pollen allergen
- Optional smartphone control
- Mild Dry Cooling: prevent a rapid decrease in room humidity
- Super Quiet! Only 20 dB(A), equivalent to night-time in the countryside (XE7, XE9, XE12, E7, E9 and E12)
- More powerful airflow to quickly reach the desired temperature

NEW AIR FLOW DISCHARGE IDEAL AIR FLOW FOR HEATING AND FOR COOLING

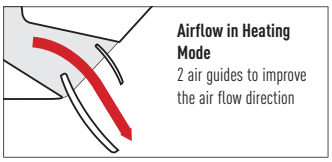
Ideal air flow discharge on cooling mode



Ideal air flow discharge on heating mode



Airflow in Cooling Mode
2 air guides to improve the air flow direction



Airflow in Heating Mode
2 air guides to improve the air flow direction

Features

HEALTHY AIR
- Nanoe-G air purifying system
- Mild Dry Cooling operation mode for increased comfort and prevention of skin moisture loss

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -38% on cooling mode
- R410A refrigerant gas

COMFORT
- Super Quiet (from 20 dB)
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Heating only function by enabling software (only by service partner)
- Removable, washable panel
- 15 m maximum connection distance
- 15 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CU-E7QKE
CU-E9QKE

CU-E12QKE
CU-E15QKE

Included

Optional wired remote control CZ-RD514C

WALL MOUNTED ETHEREA
INVERTER+
SILVER PLATED / WHITE

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Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With Econavi, energy savings of up to 38% are possible, whilst increasing your comfort. Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.

Internet Control Ready – INTERNET CONTROL | Energy saving – INVERTER+ | 6,90 A++ SEER – SEASONAL ENERGY EFFICIENCY RATIO | 4,20 A+ SCOP – SEASONAL COEFFICIENT OF PERFORMANCE | Air purifier 99% removal bacteria·virus·mold – nanoe-G | Up to 38% energy savings (cooling) – ECONAVI | Improved comfort – AUTOCOMFORT | Perfect humidity control – MILD DRY | Easy control by BMS – CONNECTIVITY | Possible to use on R22 pipings – R22 RENEWAL | 5 year compressor warranty | Allergy

Awarded with the prestigious IF Design Award 2013

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-XE18-QKE and KIT-E18-QKE. MILD DRY: Maintains a Relative Humidity up to 10% higher than cooling operation. Ideal when sleeping with the air conditioner on.

Kit Silver Plated			**KIT-XE18-QKE**	**–**	**–**	**–**
Kit Silver Plated / with Smartphone Control			**KIT-XE18-QKE-WIFI**	**–**	**–**	**–**
Kit White			**KIT-E18-QKE**	**KIT-E21-QKE**	**KIT-E24-QKE**	**KIT-E28-QKE**
Kit White / with Smartphone Control			**KIT-E18-QKE-WIFI**	**KIT-E21-QKE-WIFI**	**KIT-E24-QKE-WIFI**	**KIT-E28-QKE-WIFI**
Indoor Silver plated			**CS-XE18QKEW**	**–**	**–**	**–**
Indoor White			**CS-E18QKEW**	**CS-E21QKEW**	**CS-E24QKEW**	**CS-E28QKES**
Outdoor			**CU-E18QKE**	**CU-E21QKE**	**CU-E24QKE**	**CU-E28QKE**
Cooling capacity	Nominal (Min - Max)	kW	5,00 (0,98 - 6,00)	6,30 (0,98 - 7,10)	6,80 (0,98 - 8,10)	7,65 (0,98 - 8,60)
	Nominal (Min - Max)	kCal/h	4.300 (840 - 5.160)	5.420 (840 - 6.110)	5.850 (840 - 6.970)	6.580 (840 - 7.400)
EER [1]	Nominal (Min - Max)	Energy Saving	3,47 (3,50-3,02) **A**	2,89 (3,50-2,84) **C**	3,27 (2,58-3,06) **A**	3,04 (2,58-2,95) **B**
SEER	**Nominal**	**Energy Saving**	**6,90** A++	**6,50** A++	**6,10** A++	**6,00** A+
Pdesign (cooling)		kW	5,0	6,3	6,8	7,7
Power input cooling	Nominal (Min - Max)	kW	1,440 (0,280 - 1,990)	2,180 (0,280 - 2,500)	2,080 (0,380 - 2,650)	2,520 (0,380 - 2,920)
Annual electricity consumption (cooling) [2]		kWh/a	254	339	390	449
Heating capacity	Nominal (Min - Max)	kW	5,80 (0,98 - 8,00)	7,20 (0,98 - 8,50)	8,60 (0,98 - 9,90)	9,60 (0,98 - 11,00)
	Nominal (Min - Max)	kCal/h	4.990 (840 - 6.880)	6.190 (840 - 7.310)	7.400 (840 - 8.510)	8.260 (840 - 9.460)
Heating capacity at -7°C	Nominal (Min - Max)	kW	4,98	5,24	6,13	6,77
COP [1]	Nominal (Min - Max)	Energy Saving	3,82 (2,88-3,11) **A**	3,44 (2,88-3,11) **B**	3,33 (2,18-3,19) **C**	2,96 (2,18-3,01) **D**
SCOP	**Nominal**	**Energy Saving**	**4,20** A+	**4,00** A+	**3,90** A	**3,80** A
Pdesign at -10°C		kW	4,4	4,6	5,5	6,0
Power input heating	Nominal (Min - Max)	kW	1,520 (0,340 - 2,570)	2,090 (0,340 - 2,730)	2,580 (0,450 - 3,100)	3,240 (0,450 - 3,650)
Annual electricity consumption (heating) [2]		kWh/a	1.467	1.610	1.974	2.211
Indoor Unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	20	20	20
Recommended power cable section		mm^2	1,5	2,5	2,5	2,5
Connection indoor / outdoor		mm^2	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5
Current (Nominal)	Cooling / Heating	A	6,4 / 6,8	9,7 / 9,4	9,5 / 11,7	11,5 / 14,5
Maximum current		A	11,3	11,9	14,4	15,5
Air volume	Cooling / Heating	m^3/h	1074 / 1158	1.134 / 1.200	1.188 / 1.272	1.266 / 1.314
Moisture removal volume		l/h	2,8	3,5	3,9	4,5
Sound pressure level [3]	Cooling (Hi / Lo / Q-Lo)	dB(A)	44 / 37 / 34	45 / 37 / 34	47 / 38 / 35	49 / 38 / 35
	Heating (Hi / Lo / Q-Lo)	dB(A)	44 / 37 / 34	45 / 37 / 34	47 / 38 / 35	48 / 38 / 35
Sound power level	Cooling / Heating (Hi)	dB	60 / 60	61 / 61	63 / 63	65 / 64
Dimensions	H x W x D	mm	295 x 1.070 x 255	295 x 1.070 x 255	295 x 1.070 x 255	295 x 1.070 x 255
Net weight		kg	13	13	13	13
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Outdoor Unit						
Air volume	Cooling / Heating	m^3/h	2.352 / 2.274	2.502 / 2.424	3.012 / 3.012	3.270 / 3.270
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	47 / 47	48 / 49	52 / 52	53 / 53
Sound power level	Cooling / Heating (Hi)	dB	61 / 61	62 / 63	66 / 66	67 / 67
Dimensions [4]	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	795 x 875 x 320	795 x 875 x 320
Net weight		kg	46	47	67	67
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4" (6,35) / 1/2" (12,70)	1/4" (6,35) / 1/2" (12,70)	1/4" (6,35) / 5/8" (15,88)	1/4" (6,35) / 5/8" (15,88)
Refrigerant loading	R410A	kg	1,24	1,32	1,80	1,80
Elevation difference (in/out)	Max	m	15	15	20	20
Piping length	Min / Max	m	3 / 20	3 / 20	3 / 30	3 / 30
Precharge length	Max	m	7,5	7,5	10	10
Additional charge		g/m	20	20	30	30
Operating range	Cooling Min / Max	°C	-10 / +43	-10 / +43	-10 / +43	-10 / +43
	Heating Min / Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: Quiet mode. Lo: The lowest fan speed. 4) Add 70 mm for piping port.
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For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

SEASONAL EFFICIENCY
SEER — SCOP
A++

ETHEREA

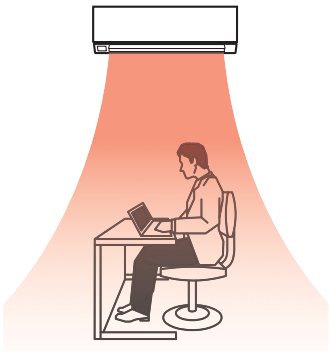
CS-E18QKEW // CS-E21QKEW // CS-E24QKEW // CS-E28QKES

Technical focus

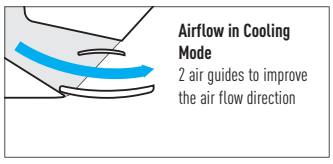
- This units can be installed on R22 pipings
- Maximum efficiency and comfort with Econavi, now with sunlight detection
- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses, bacteria and pollen allergen
- Optional smartphone control
- Mild Dry Cooling: prevent a rapid decrease in room humidity
- More powerful airflow to quickly reach the desired temperature

NEW AIR FLOW DISCHARGE IDEAL AIR FLOW FOR HEATING AND FOR COOLING

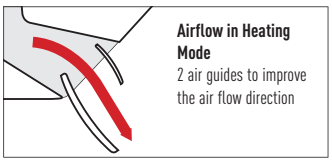
Ideal air flow discharge on cooling mode



Ideal air flow discharge on heating mode



Airflow in Cooling Mode
2 air guides to improve the air flow direction



Airflow in Heating Mode
2 air guides to improve the air flow direction

Features

HEALTHY AIR
- Nanoe-G air purifying system
- Mild Dry Cooling operation mode for increased comfort and prevention of skin moisture loss

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -38% on cooling mode
- R410A refrigerant gas

COMFORT
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 20 m (for 18 and 21), 30 m (for 24 and 28) maximum connection distance
- 15 m (for 18 and 21), 20 m (for 24 and 28) maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CU-E18QKE
CU-E21QKE

CU-E24QKE
CU-E28QKE

Included

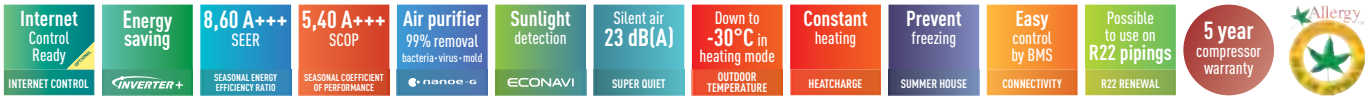
Optional wired remote control CZ-RD514C

WALL MOUNTED VE
INVERTER+
ENERGY CHARGE SYSTEM

The new Heatcharge from Panasonic has the capacity to store heat on the outdoor unit which allows heating to start quickly just after turning on the heat pump. It also ensures maximum comfort and heat in the house even during defrost operation as Heat charge also stores heat to prevent cool air during defrost.

ECONAVI builds-in a new Sunlight Detection technology to adjust output ideally thereby giving you the best comfort at anytime whilst saving energy.

Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.



INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-VE9-NKE.

Kit			KIT-VE9-NKE	KIT-VE12-NKE
Indoor			**CS-VE9NKE**	**CS-VE12NKE**
Outdoor			**CU-VE9NKE**	**CU-VE12NKE**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,60 - 3,00)	3,50 (0,60 - 4,00)
EER [1]	Nominal (Min - Max)	Energy Saving	5,15 **A**	3,98 **A**
SEER	**Nominal**	**Energy Saving**	**8,60** A+++	**8,50** A+++
Pdesign (cooling)		kW	2,5	3,5
Power input cooling	Nominal (Min - Max)	kW	0,480 (0,140 - 0,790)	0,880 (0,140 - 1,100)
Annual electricity consumption (cooling) [2]		kWh/a	102	145
Heating capacity	Nominal (Min - Max)	kW	3,20 (0,60 - 7,70)	4,20 (0,60 - 8,40)
Heating capacity at -7 °C	Nominal	kW	3,2	5,60
COP [1]	Nominal (Min - Max)	Energy Saving	5,47 **A**	4,91 **A**
SCOP	**Nominal**	**Energy Saving**	**5,40** A+++	**5,10** A+++
Pdesign at -10°C		kW	3,2	4,2
Power input heating	Nominal (Min - Max)	kW	0,580 (0,140 - 2,720)	0,850 (0,140 - 3,160)
Annual electricity consumption (heating) [2]		kWh/a	830	1153
Indoor Unit				
Power source		V	230	230
Recommended fuse		A	16	16
Recommended power cable section		mm²	1,5	1,5
Connection		mm²	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	2,2 / 2,7	3,9 / 3,8
Maximum current		A	14,0	15,0
Air volume	Cooling / Heating	m³/h	600 / 600	654 / 618
Moisture removal volume		l/h	1,5	2,0
Sound pressure level [3]	Cooling (Hi / Lo / Q-Lo)	dB(A)	44 / 26 / 23	45 / 29 / 26
	Heating (Hi / Lo / Q-Lo)	dB(A)	44 / 27 / 24	45 / 33 / 30
Sound power level	Cooling / Heating (Hi)	dB	59 / 59	60 / 60
Dimensions	H x W x D	mm	295 x 890 x 275	295 x 890 x 275
Net weight		kg	14,5	14,5
Air purifier filter			Nanoe-G	Nanoe-G
Outdoor Unit				
Air volume	Cooling / Heating	m³/h	1.980 / 1.890	2.052 / 1.890
Sound pressure level [3]	Cooling (Hi)	dB(A)	49	50
	Heating (Hi)	dB(A)	49	50
Sound power level	Cooling / Heating (Hi)	dB	64 / 64	65 / 65
Dimensions [4]	H x W x D	mm	623 x 799 x 299	623 x 799 x 299
Net weight		kg	43	43
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)
Refrigerant loading	R410A	kg	1,50	1,50
Elevation difference (in/out)	Max	m	12	12
Piping length	Min / Max	m	3 / 15	3 / 15
Precharge length	Max	m	7,5	7,5
Additional charge		g/m	20	20
Operating range	Cooling Min / Max	°C	-10 / +43	-10 / +43
	Heating Min / Max	°C	-30 [5] / +24	-30 [5] / +24

Rating Conditions: Cooling Indoor 27 °C DB / 19 °C WB. Cooling Outdoor 35 °C DB / 24 °C WB. Heating Indoor 20 °C DB. Heating Outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port. 5) Operation possible on heating mode up to -30 °C tested by SP. Performance guaranteed on heating mode up to -20 °C. Specifications subject to change without notice.

* Preliminary data.

For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

SEASONAL EFFICIENCY
SEER — SCOP
A+++

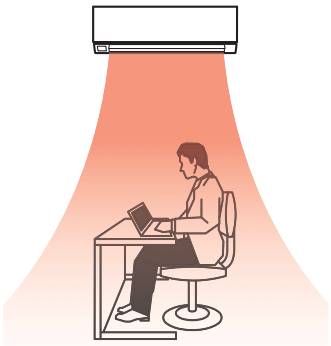
heatcharge

Technical focus

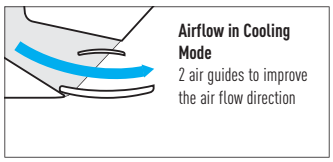
- This units can be installed on R22 pipings
- Work up to -30°C
- Energy Charge System. Heat storage unit which realizes NON-STOP heating and fast heating function
- Maximum efficiency and comfort with Econavi sunlight detection
- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses and bacteria
- Super Quiet! Only 23 dB(A), equivalent to night-time in the country
- More powerful airflow to quickly reach the desired temperature

NEW AIR FLOW DISCHARGE IDEAL AIR FLOW FOR HEATING AND FOR COOLING

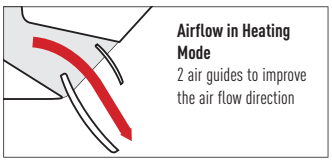
Ideal air flow discharge on cooling mode



Ideal air flow discharge on heating mode



Airflow in Cooling Mode
2 air guides to improve the air flow direction



Airflow in Heating Mode
2 air guides to improve the air flow direction

CU-VE9NKE
CU-VE12NKE

Included

Features

HEALTHY AIR
- Nanoe-G air purifying system

ENERGY EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- Econavi Sunlight Detection
- R410A refrigerant gas

COMFORT
- Super Quiet
- Super Powerful heating mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 15 m maximum connection distance
- 12 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

WALL MOUNTED RE TYPE
STANDARD INVERTER

RE Inverter models are powerful and efficient, with an outstanding energy ranking of A++/A+, unique in the market! The RE works up to an outdoor temperature of -15°C in heating mode and -10°C up a outdoor temperature of -15°C in heating and -10 in cooling and still with a high efficiency and capacity! Furthermore, the annual energy consumption has never been so low.

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-RE18-QKE. SUPER QUIET: For RE9 and RE12.

Kit			KIT-RE9-RKE	KIT-RE12-RKE	KIT-RE15-RKE	KIT-RE18-RKE	KIT-RE24-RKE
Indoor			**CS-RE9RKEW**	**CS-RE12RKEW**	**CS-RE15RKEW**	**CS-RE18RKEW**	**CS-RE24RKEW**
Outdoor			**CU-RE9RKE**	**CU-RE12RKE**	**CU-RE15RKE**	**CU-RE18RKE**	**CU-RE24RKE**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)	4,20 (0,85 - 4,60)	5,00 (0,98 - 6,00)	6,80 (0,98 - 8,10)
	Nominal (Min - Max)	kCal/h	2.150 (730 - 2.580)	3.010 (730 - 3.350)	3.610 (730 - 3.960)	4.300 (840 - 5.160)	5.850 (840 - 6.970)
EER [1]	Nominal (Min - Max)	Energy Saving	3,73 (3,40 - 3,16) **A**	3,50 (3,33 - 3,28) **A**	3,33 (3,21 - 2,79) **A**	3,40 (3,50 - 2,96) **A**	3,24 (2,58 - 3,03) **A**
SEER	**Nominal**	**Energy Saving**	**6,10** A++	**6,10** A++	**5,60** A+	**6,70** A++	**6,00** A+
Pdesign (cooling)		kW	2,5	3,5	4,2	5,0	6,8
Power input cooling	Nominal (Min - Max)	kW	0,670 (0,250 - 0,950)	1,000 (0,255 - 1,190)	1,260 (0,265 - 1,650)	1,470 (0,280 - 2,030)	2,100 (0,380 - 2,670)
Annual electricity consumption (cooling) [2]		kWh/a	143	201	263	261	397
Heating capacity	Nominal (Min - Max)	kW	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,00 (0,80 - 6,80)	5,80 (0,98 - 8,00)	8,60 (0,98 - 9,90)
	Nominal (Min - Max)	kCal/h	2.840 (690 - 3.530)	3.440 (690 - 4.390)	4.300 (690 - 5.850)	4.990 (840 - 6.880)	7.400 (840 - 8.510)
Heating capacity at -7°C	Nominal	kW	2,70	3,30	3,90	4,98	6,13
COP [1]	Nominal (Min - Max)	Energy Saving	4,13 (4,10 - 3,63) **A**	3,81 (4,00 - 3,59) **A**	3,70 (4,00 - 3,32) **A**	3,77 (2,88 - 3,08) **A**	3,30 (2,18 - 3,16) **C**
SCOP	**Nominal**	**Energy Saving**	**4,00** A+	**4,00** A+	**3,80** A	**4,10** A+	**3,80** A
Pdesign at -10°C		kW	2,4	2,8	3,6	4,4	5,5
Power input heating	Nominal (Min - Max)	kW	0,800 (0,195 - 1,130)	1,050 (0,200 - 1,420)	1,350 (0,200 - 2,050)	1,540 (0,340 - 2,600)	2,610 (0,450 - 3,130)
Annual electricity consumption (heating) [2]		kWh/a	840	980	1.326	1.502	2.026
Indoor Unit							
Power source		V	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16
Recommended power cable section		mm^2	1,5	1,5	2,5	2,5	2,5
Connection (indoor/outdoor)		mm^2	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	2,95 / 3,50	4,40 / 4,60	5,60 / 6,00	6,60 / 6,90	9,60 / 11,70
Maximum current		A	5,0	6,2	9,2	11,4	14,5
Air volume	Cooling / Heating	m^3/h	702 / 768	762 / 804	750 / 804	978 / 1.074	1.104 / 1.170
Moisture removal volume		l/h	1,5	2,0	2,4	2,8	3,9
Sound pressure level [3]	Cooling (Hi / Lo / Q-Lo)	dB(A)	41 / 26 / 22	42 / 30 / 22	44 / 31 / 29	44 / 37 / 34	47 / 38 / 35
	Heating (Hi / Lo / Q-Lo)	dB(A)	41 / 27 / 24	42 / 33 / 25	44 / 35 / 28	44 / 37 / 34	47 / 38 / 35
Sound power level	Cooling (Hi)	dB	57	58	60	60	63
	Heating (Hi)	dB	57	58	60	60	63
Dimensions	H x W x D	mm	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214	290 x 1.070 x 240	290 x 1.070 x 240
Net weight		kg	9	9	9	12	12
Silver decoration sheet			Yes	Yes	Yes	Yes	Yes
Outdoor Unit							
Air volume	Cooling / Heating	m^3/h	1.926 / 1.872	1.998 / 1.998	1.998 / 1.998	2.352 / 2.274	3.012 / 3.012
Sound pressure level [3]	Cooling (Hi)	dB(A)	47	48	49	47	52
	Heating (Hi)	dB(A)	48	50	51	47	52
Sound power level	Cooling (Hi)	dB	62	63	64	61	66
	Heating (Hi)	dB	63	65	66	61	66
Dimensions [4]	H x W x D	mm	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	795 x 875 x 320
Net weight		kg	31	34	34	46	67
Piping connections	Liquid / Gas pipe	inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)	1/4 (6,35) / 1/2 (12,70)	1/4 (6,35) / 5/8 (15,88)
Refrigerant loading	R410A	kg	0,85	0,99	1,01	1,19	1,80
Elevation difference (in/out)	Max	m	15	15	15	15	20
Piping length	Min / Max	m	3 / 15	3 / 15	3 / 15	3 / 20	3 / 30
Precharge length	Max	m	7,5	7,5	7,5	7,5	10,0
Additional charge		g/m	20	20	20	20	30
Operating range	Cooling Min / Max	°C	-10 / +43	-10 / +43	-10 / +43	-10 / +43	-10 / +43
	Heating Min / Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: The lowest fan speed. Lo: The second lowest fan speed (the lowest fan speed for RE18/24). 4) Add 70 mm for piping port.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

CS-RE18RKEW // CS-RE24RKEW

Technical focus

- Wired Controller (optional)
- This units can be installed on R22 pipings
- Complete line-up of standard Inverter models
- Quieter indoor units
- High energy savings
- Long connection distance (from 15 m up to 30 m)

Features

HEALTHY AIR
- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY
- Inverter system
- R410A refrigerant gas

COMFORT
- Super Quiet
- Automatic vertical airflow control
- Hot start mode
- Automatic restart
- Simple change over

EASE OF USE
- Wired Controller (optional)
- User friendly infrared remote control

EASY INSTALLATION AND MAINTENANCE
- 15 m maximum connection distance (20 m for RE18 and 30 m for RE24)
- Removable, washable panel
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CU-RE9RKE

CU-RE12RKE
CU-RE15RKE

CU-RE18RKE

CU-RE24RKE

Included for RE9, RE12 and RE15.

Included for RE18 and RE24.

Optional wired remote control CZ-RD514C

WALL MOUNTED UE TYPE
STANDARD INVERTER

New UE series inverter powerful and efficient.

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-UE18-RKE. SUPER QUIET: For UE9 and UE12.

Kit			KIT-UE9-RKE	KIT-UE12-RKE	KIT-UE18-RKE
Indoor			**CS-UE9RKE**	**CS-UE12RKE**	**CS-UE18RKE**
Outdoor			**CU-UE9RKE**	**CU-UE12RKE**	**CU-UE18RKE**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)	5,00 (0,98 - 5,60)
	Nominal (Min - Max)	kCal/h	2.150 (730 - 2.580)	3.010 (730 - 3.350)	4.300 (840 - 4.820)
EER [1]	Nominal (Min - Max)	Energy Saving	3,47 (3,40 - 2,94) **A**	3,21 (3,33 - 3,05) **A**	3,25 (3,44 - 3,20) **A**
SEER	**Nominal**	**Energy Saving**	**5,60** A+	**5,60** A+	**6,50** A++
Pdesign (cooling)		kW	2,5	3,5	5,0
Power input cooling	Nominal (Min - Max)	kW	0,720 (0,250 - 1,020)	1,090 (0,255 - 1,280)	1,540 (0,285 - 1,750)
Annual electricity consumption (cooling) [2]		kWh/a	156	219	269
Heating capacity	Nominal (Min - Max)	kW	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,40 (0,98 - 7,70)
	Nominal (Min - Max)	kCal/h	2.840 (690 - 3.530)	3.440 (690 - 4.390)	4.640 (840 - 6.620)
Heating capacity at -7°C	Nominal	kW	2,66	3,2	4,79
COP [1]	Nominal (Min - Max)	Energy Saving	3,84 (4,10 - 3,47) **A**	3,64 (4,00 - 3,47) **A**	3,67 (2,80 - 3,35) **A**
SCOP	**Nominal**	**Energy Saving**	**3,80** A	**3,80** A	**4,30** A+
Pdesign at -10 °C		kW	1,9	2,4	4,0
Power input heating	Nominal (Min - Max)	kW	0,860 (0,195 - 1,180)	1,100 (0,200 - 1,470)	1,470 (0,350 - 2,300)
Annual electricity consumption (heating) [2]		kWh/a	700	884	1.302
Indoor Unit					
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Recommended power cable section		mm^2	1,5	1,5	2,5
Connection indoor / outdoor		mm^2	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	3,20 / 3,80	4,80 / 4,90	6,90 / 6,70
Maximum current		A	5,3	6,7	10,1
Air volume	Cooling / Heating	m^3/h	702 / 768	762 / 804	978 / 1.074
Moisture removal volume		l/h	1,5	2,0	2,8
Sound pressure level [3]	Cooling (Hi / Lo / Q-Lo)	dB(A)	41 / 26 / 22	42 / 30 / 22	44 / 37 / 34
	Heating (Hi / Lo / Q-Lo)	dB(A)	41 / 27 / 24	42 / 33 / 25	44 / 37 / 34
Sound power level	Cooling (Hi)	dB	57	58	60
	Heating (Hi)	dB	57	58	60
Dimensions	H x W x D	mm	290 x 870 x 214	290 x 870 x 214	290 x 1.070 x 240
Net weight		kg	9	9	12
Outdoor Unit					
Air volume	Cooling / Heating	m^3/h	1.926 / 1.872	1.860 / 1.860	2.064 / 2.040
Sound pressure level [3]	Cooling (Hi)	dB(A)	47	48	48
	Heating (Hi)	dB(A)	48	50	49
Sound power level	Cooling (Hi)	dB	62	63	63
	Heating (Hi)	dB	63	65	64
Dimensions [4]	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299
Net weight		kg	31	33	38
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)
Refrigerant loading	R410A	kg	0,85	0,95	1,43
Elevation difference (in/out) [5]	Max	m	15	15	15
Piping length	Min / Max	m	3 / 15	3 / 15	3 / 15
Precharge length	Max	m	7,5	7,5	7,5
Additional gas		g/m	20	20	20
Operating range	Cooling Min / Max	°C	+5 / +43	+5 / +43	+5 / +43
	Heating Min / Max	°C	-10 / +24	-10 / +24	-10 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: The lowest fan speed. Lo: The second lowest fan speed (the lowest fan speed for UE18) 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

CS-UE18RKE

Technical focus

- New design
- Wired Controller (optional)
- This units can be installed on R22 pipings
- Quieter indoor units
- High energy savings
- Long connection distance

Features

HEALTHY AIR
- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY
- Inverter system
- R410A refrigerant gas

EASE OF USE
- Wired Controller (optional)
- User friendly infrared remote control

COMFORT
- Super Quiet
- Automatic vertical airflow control
- Hot start mode
- Automatic restart

EASY INSTALLATION AND MAINTENANCE
- Maximum connection distance 15 m
- Removable, washable panel

CU-UE9RKE
CU-UE12RKE

CU-UE18RKE

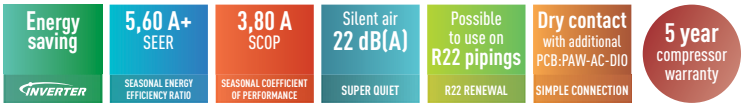
Included for UE9 and UE12.

Included for UE18.

Optional wired remote control CZ-RD514C

WALL MOUNTED PE TYPE
STANDARD INVERTER

PE Inverter models are powerful and efficient.



Kit			**KIT-PE9-RKE**	**KIT-PE12-RKE**
Indoor			**CS-PE9RKE**	**CS-PE12RKE**
Outdoor			**CU-PE9RKE**	**CU-PE12RKE**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)
	Nominal (Min - Max)	kCal/h	2.150 (730 - 2.580)	3.010 (730 - 3.350)
EER [1]	Nominal (Min - Max)	Energy Saving	3,47 (3,42 - 2,94) **A**	3,21 (3,33 - 3,05) **A**
SEER	**Nominal**	**Energy Saving**	**5,60** A+	**5,60** A+
Pdesign (cooling)		kW	2,5	3,5
Power input cooling	Nominal (Min - Max)	kW	0,720 (0,250 - 1,020)	1,090 (0,255 - 1,280)
Annual electricity consumption (cooling) [2]		kWh/a	156	219
Heating capacity	Nominal (Min - Max)	kW	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)
	Nominal (Min - Max)	kCal/h	2.840 (690 - 3.530)	3.440 (690 - 4.390)
Heating capacity at -7°C	Nominal	kW	2,66	3,2
COP [1]	Nominal (Min - Max)	Energy Saving	3,84 (4,10 - 3,47) **A**	3,64 (4,00 - 3,47) **A**
SCOP	**Nominal**	**Energy Saving**	**3,80** A	**3,80** A
Pdesign at -10 °C		kW	1,9	2,4
Power input heating	Nominal (Min - Max)	kW	0,860 (0,195 - 1,180)	1,100 (0,200 - 1,470)
Annual electricity consumption (heating) [2]		kWh/a	700	884
Indoor Unit				
Power source		V	230	230
Recommended fuse		A	16	16
Recommended power cable section		mm^2	1,5	1,5
Connection indoor / outdoor		mm^2	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	3,20 / 3,80	4,80 / 4,90
Maximum current		A	5,3	6,7
Air volume	Cooling / Heating	m^3/h	702 / 768	762 / 804
Moisture removal volume		l/h	1,5	2,0
Sound pressure level [3]	Cooling (Hi / Lo / Q-Lo)	dB(A)	41 / 26 / 22	42 / 30 / 22
	Heating (Hi / Lo / Q-Lo)	dB(A)	41 / 27 / 24	42 / 33 / 25
Sound power level	Cooling (Hi)	dB	57	58
	Heating (Hi)	dB	57	58
Dimensions	H x W x D	mm	290 x 870 x 214	290 x 870 x 214
Net weight		kg	9	9
Air purifier filter			No	No
Outdoor Unit				
Air volume	Cooling / Heating	m^3/h	1.926 / 1.872	1.860 / 1.860
Sound pressure level [3]	Cooling (Hi)	dB(A)	47	48
	Heating (Hi)	dB(A)	48	50
Sound power level	Cooling (Hi)	dB	62	63
	Heating (Hi)	dB	63	65
Dimensions [4]	H x W x D	mm	542 x 780 x 289	542 x 780 x 289
Net weight		kg	31	33
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)
Refrigerant loading	R410A	kg	0,85	0,95
Elevation difference (in/out) [5]	Max	m	15	15
Piping length	Min / Max	m	3 / 15	3 / 15
Precharge length	Max	m	7,5	7,5
Additional gas		g/m	20	20
Operating range	Cooling Min / Max	°C	+5 / +43	+5 / +43
	Heating Min / Max	°C	-10 / +24	-10 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: The lowest fan speed. Lo: The second lowest fan speed. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Technical focus

- Wired Controller (optional)
- This units can be installed on R22 pipings
- Quieter indoor units
- High energy savings
- Long connection distance

Features

HEALTHY AIR
- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY
- Inverter system
- R410A refrigerant gas

EASE OF USE
- Wired Controller (optional)
- User friendly infrared remote control

COMFORT
- Super Quiet
- Automatic vertical airflow control
- Hot start mode
- Automatic restart

EASY INSTALLATION AND MAINTENANCE
- Maximum connection distance 15 m
- Removable, washable panel

CU-PE9RKE
CU-PE12RKE

Included

Optional wired remote control CZ-RD514C

FLOOR CONSOLE TYPE
INVERTER+

Console designed for discreet integration on walls, and for high performance, specifically in heat mode even when the outside temperature is as low as -20°C.
Double airflow for improved comfort and temperature dispersion: through the top for an efficient cooling mode, through the bottom for quick heating.

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-E18-PFE.

KIT			KIT-E9-PFE	KIT-E12-PFE	KIT-E18-PFE
Indoor			**CS-E9GFEW**	**CS-E12GFEW**	**CS-E18GFEW**
Outdoor			**CU-E9PFE**	**CU-E12PFE**	**CU-E18PFE**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,80)	5,00 (0,98 - 5,60)
	Nominal (Min - Max)	kCal/h	2.150 (730 - 2.580)	3.010 (730 - 3.270)	4.300 (840 - 4.820)
EER [1]	Nominal	Energy Saving	4,50 **A**	3,72 **A**	3,25 **A**
SEER	**Nominal**	**Energy Saving**	**6,10** A++	**5,80** A+	**6,20** A++
Pdesign (cooling)		kW	**2,50**	**3,50**	**5,00**
Power input cooling	Nominal	kW	0,560	0,940	1,540
Annual electricity consumption (cooling) [2]		kWh/a	143	211	282
Heating capacity	Nominal (Min - Max)	kW	3,40 (0,85 - 5,00)	4,00 (0,85 - 6,00)	5,80 (0,98 - 7,10)
	Nominal (Min - Max)	kCal/h	2.920 (730 - 4.300)	3.440 (730 - 5.160)	4.990 (840 - 6.110)
Heating capacity at -7°C	Nominal	kW	2,35	2,86	3,87
COP [1]	Nominal	Energy Saving	4,20 **A**	4,00 **A**	3,63 **A**
SCOP	**Nominal**	**Energy Saving**	**3,80** A	**3,80** A	**3,90** A
Pdesign at -10°C		kW	**2,7**	**3,2**	**4,4**
Power input heating	Nominal	kW	0,810	1,000	1,600
Annual electricity consumption (heating) [2]		kWh/a	995	1.179	1.579
Indoor Unit					
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5
Connection		mm^2	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling	A	2,6	4,4	7,2
	Heating	A	3,75	4,6	7,5
Air volume	Cooling / Heating	m^3/h	558 / 576	570 / 600	660 / 780
Moisture removal volume		l/h	1,4	2,0	2,8
Sound pressure level [3]	Cooling (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 28 / 24	44 / 36 / 32
	Heating (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 27 / 23	46 / 36 / 32
Sound power level	Cooling (Hi)	dB	54	55	60
	Heating (Hi)	dB	54	55	62
Dimensions	H x W x D	mm	600 x 700 x 210	600 x 700 x 210	600 x 700 x 210
Net weight		kg	14	14	14
Outdoor Unit					
Air volume	Cooling / Heating	m^3/h	1.788 / 1.788	1.998 / 1.998	2.352 / 2.274
Sound pressure level [3]	Cooling (Hi)	dB(A)	46	48	47
	Heating (Hi)	dB(A)	47	50	48
Sound power level	Cooling (Hi)	dB	61	63	61
	Heating (Hi)	dB	62	65	62
Dimensions [4]	H x W x D	mm	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320
Net weight		kg	33	34	46
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)
Refrigerant loading	R410A	kg	0,970	1,000	1,120
Elevation difference (in/out)	Max	m	5	5	15
Piping length	Min / Max	m	3 / 15	3 / 15	3 / 20
Precharge length	Max	m	7,5	7,5	7,5
Additional charge		g/m	20	20	20
Operating range	Cooling Min / Max	°C	+16 / +43	+16 / +43	+16 / +43
	Heating Min / Max	°C	-15 / +24	-15 / +24	-15 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

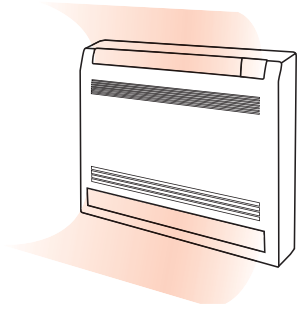
1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 1 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Technical focus

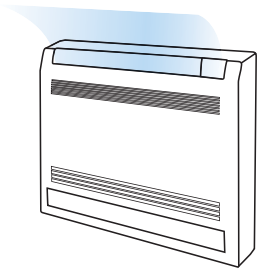
- This units can be installed on R22 pipings
- More efficient than ever for improved energy consumption and higher savings
- Heating mode down to -20°C with high efficiency
- Double airflow for better efficiency
- Powerful mode for quick temperature setting
- R410A refrigerant gas

UPPER & LOWER VANE BLOW

Optimum air flow from the top and bottom of the unit assures that even your feet are kept comfortably warm. (Only during heating)



Upward and downward air flow warms the whole room uniformly



Upward air flow efficiently cools the entire room

Features

HEALTHY AIR
- Soft dry operation mode
- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system
- R410A refrigerant gas

COMFORT
- Super Quiet
- Powerful mode
- Automatic vertical airflow control
- Hot start mode
- Automatic restart

EASE OF USE
- Real time clock with single ON&OFF timer
- User friendly infrared remote control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- Maximum connection distance 15m (E9, 12), 20m (E18)
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CU-E9PFE
CU-E12PFE

CU-E18PFE

Included

4 WAY 60x60 CASSETTE
INVERTER

Specially designed for offices, retail and restaurant applications, this cassette fits perfectly into 60x60 or 70x70 ceiling grids.
Featuring the best efficiency in its category (heating and cooling up to -10°C, this new cassette in 9 and 12 kW versions can also be connected to KNX, Modbus, EnOcean interfaces for easy integration with your BMS systems. Interfaces have dry contacts (ON/OFF, error message) to enable easy integration.
With the new Intesishome interface, you can also control the cassette from your smartphone and internet very easily!
Fit Panasonic's Cassette Type, and start to save all year round!

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-E9-PB4EA.

KIT			KIT-E9-PB4EA	KIT-E12-PB4EA	KIT-E18-RB4EA	KIT-E21-RB4EA
Indoor			**CS-E9PB4EA**	**CS-E12PB4EA**	**CS-E18RB4EAW**	**CS-E21RB4EAW**
Outdoor			**CU-E9PB4EA**	**CU-E12PB4EA**	**CU-E18RBEA**	**CU-E21RBEA**
Panel			**CZ-BT20E**	**CZ-BT20E**	**CZ-BT20E**	**CZ-BT20E**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,40 (0,85 - 4,00)	5,00 (0,90 - 5,80)	5,90 (0,90 - 6,30)
	Nominal (Min - Max)	kCal/h	2.150 (731 - 2.780)	2.920 (730 - 3.440)	4.300 (770 - 4.990)	5.070 (770 - 5.420)
EER [1]	Nominal (Min - Max)	**Energy Saving**	4,55 (3,54 - 4,05) **A**	3,82 (3,54 - 3,33) **A**	3,13 (3,53 - 2,97) **B**	2,88 (3,53 - 2,86) **C**
SEER		**Energy Saving**	**5,80** A+	**5,60** A+	**5,80** A+	**5,60** A+
Pdesign (cooling)		kW	2,50	3,40	5,00	5,90
Power input cooling	Nominal (Min - Max)	kW	0,550 (0,240 - 0,740)	0,890 (0,240 - 1,200)	1,600 (0,255 - 1,950)	2,050 (0,255 - 2,200)
Annual electricity consumption (cooling) [2]		kWh/a	151	213	302	369
Heating capacity	Nominal (Min - Max)	kW	3,20 (0,85 - 4,80)	4,50 (0,85 - 5,60)	5,60 (0,90 - 7,10)	7,00 (0,90 - 8,00)
	Nominal (Min - Max)	kCal/h	2.752 (731 - 4.130)	3.870 (730 - 4.820)	4.820 (770 - 6.110)	6.020 (770 - 6.880)
Heating capacity at -7°C	Nominal	kW	2,60	3,00		
COP [1]	Nominal (Min - Max)	**Energy Saving**	4,00 (3,70 - 3,56) **A**	3,17 (3,7 - 2,80) **D**	3,01 (3,46 - 2,92) **D**	2,86 (3,46 - 2,84) **D**
SCOP	**Nominal**	**Energy Saving**	**4,00** A+	**3,80** A	**4,10** A+	**4,10** A+
Pdesign at -10°C		kW	2,70	3,00	3,80	4,00
Power input heating	Nominal (Min - Max)	kW	0,800 (0,230 - 1,350)	1,420 (0,230 - 2,000)	1,860 (0,260 - 2,430)	2,450 (0,260 - 2,820)
Annual electricity consumption (heating) [2]		kWh/a	945	1.105	1.298	1.366
Indoor Unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5	1,5
Connection		mm^2	4 x 1,5 to 2,5	4 x 1,5 to 2,5	4 x 1,5 to 2,5	4 x 1,5 to 2,5
Current (Nominal)	Cooling / Heating	A	2,65 / 3,85	4,20 / 6,50	7,20 / 8,30	9,10 / 11,10
Air volume	Cooling / Heating	m^3/h	630 / 648	630 / 648	690 / 708	744 / 876
Moisture removal volume		l/h	1,5	2,3	2,8	3,3
Sound pressure level [3]	Cooling (Hi / Lo / S-Lo)	dB(A)	34 / 26 / 23	34 / 26 / 23	37 / 28 / 25	42 / 33 / 30
	Heating (Hi / Lo / S-Lo)	dB(A)	35 / 28 / 25	35 / 28 / 25	38 / 29 / 26	43 / 34 / 31
Sound power level	Cooling (Hi)	dB	50	50	53	58
	Heating (Hi)	dB	51	51	54	59
Dimensions (H x W x D)	Indoor	mm	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575
	Panel	mm	51 x 700 x 700	51 x 700 x 700	51 x 700 x 700	51 x 700 x 700
Net weight	Indoor / Panel	kg	18 / 2,5	18 / 2,5	18 / 2,5	18 / 2,5
Dust filter			Yes	Yes	Yes	Yes
Outdoor Unit						
Power source		V	230	230	230	230
Air volume	Cooling / Heating	m^3/h	1.830 / 1.734	1.980 / 1.836	2.352 / 2.352	2.424 / 2.424
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	45 / 46	45 / 47	47 / 48	49 / 50
Sound power level	Cooling / Heating (Hi)	dB	58 / 61	60 / 62	61 / 62	63 / 64
Dimensions [4]	H x W x D	mm	622 x 824 x 299	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320
Net weight		kg	36	45	47	47
Piping connections	Liquid / Gas pipe	Inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)	1/4 (6,35) / 1/2 (12,70)
Refrigerant loading	R410A	kg	1,13	1,13	1,23	1,30
Elevation difference (in/out)	Max	m	15	15	20	20
Piping length	Min / Max	m	3 / 20	3 / 20	3 / 30	3 / 30
Precharge length	Max	m	10	10	10	10
Additional charge		g/m	20	20	20	20
Operating range	Cooling (Min / Max)	°C	-10 / +43	-10 / +43	-10 / +43	-10 / +43
	Heating (Min / Max)	°C	-10 / +24	-10 / +24	-10 / +24	-10 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 1,5 m below the ceiling in the centre of the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Technical focus

- **NEW!** 18 and 21 kW models
- Cassettes can be controlled by Intesishome, KNX, EnOcean and Modbus
- This units can be installed on R22 pipings
- Designed for easy installation in the standard European 60x60 ceiling grid
- Operation down to -10°C in cooling and heating modes
- Piping length up to 30 m
- Maximum elevation difference up to 20 m
- Ultra compact outdoor units for easy installation
- Real time clock with single ON&OFF timer
- High pressure selector in case of high ceilings (higher than 2,7 m)
- Drain pump included (max 750 mm high)
- Air fresh entry available on the cassette

Features

HEALTHY AIR
- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system

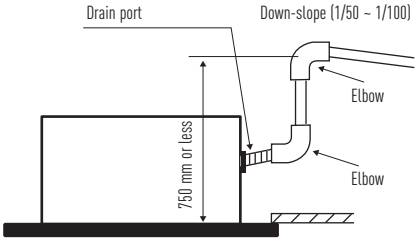
COMFORT
- Super Quiet
- Powerful mode
- Automatic vertical airflow control ambient temperature
- Hot start mode
- Real time clock with single ON&OFF timer
- Automatic restart after power cut

EASE OF USE
- Ergonomic infrared remote control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel of the indoor unit
- Top panel maintenance access for the outdoor unit

INDOOR UNIT DRAIN PIPING

The height of drain may be possible up to 750 mm.



CU-E9PB4EA

CU-E12PB4EA
CU-E18RBEA

CU-E21RBEA

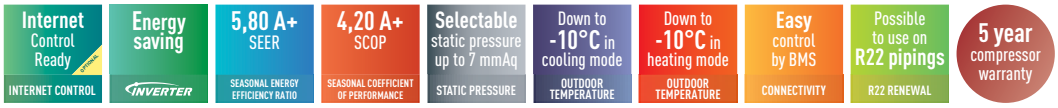
Included

Optional wired remote control CZ-RD52CP

Panel CZ-BT20E

LOW STATIC PRESSURE HIDE AWAY
INVERTER

Designed for homes, offices, retail and restaurants, this Duct is ideal for small rooms where the air conditioning and the heating should be nicely integrated and where high comfort and efficiency is needed.
The new 9 and 12kW duct can also be connected to KNX, Modbus, EnOcean interfaces for easy integration with your BMS systems. This interfaces have dry contacts (ON/OFF, error message) for easy integration.
With the new Intesishome interface, you can control the Duct also from your smartphone and internet very easily!



INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-E9-PD3EA.

KIT			KIT-E9-PD3EA	KIT-E12-QD3EA	KIT-E18-RD3EA
Indoor			**CS-E9PD3EA**	**CS-E12QD3EAW**	**CS-E18RD3EAW**
Outdoor			**CU-E9PD3EA**	**CU-E12QD3EA**	**CU-E18RBEA**
Cooling capacity	Nominal (Min-Max)	kW	2,50 (0,85 - 3,00)	3,40 (0,85 - 4,00)	5,10 (0,90 - 5,70)
	Nominal (Min-Max)	kCal/h	2.150 (731 - 2.580)	2.920 (730 - 3.440)	
EER [1]	Nominal	**Energy Saving**	4,24 (3,54 - 3,95) **A**	3,86 (3,54 - 3,45) **A**	3,19 (3,53 - 3,13) **B**
SEER		**Energy Saving**	**5,80** A+	**5,60** A	**5,80** A+
Pdesign (cooling)		kW	2,50	3,40	**5,10**
Power input cooling	Nominal (Min-Max)	kW	0,590 (0,240 - 0,760)	0,880 (0,240 - 1,160)	1,600 (0,255 - 1,820)
Annual electricity consumption (cooling) [2]		kWh/a	151	213	308
Heating capacity	Nominal (Min-Max)	kW	3,20 (0,85 - 4,60)	4,00 (0,85 - 5,10)	6,10 (0,90 - 7,10)
	Nominal (Min-Max)	kCal/h	2.752 (731 - 3.960)	3.440 (730 - 4.390)	
Heating capacity at -7°C	Nominal	kW	2,60	3,00	4,30
COP [1]	Nominal	**Energy Saving**	3,72 (3,7 - 3,33) **A**	3,54 (3,7 - 3,29) **B**	3,33 (3,46 - 3,26) **C**
SCOP	**Nominal**	**Energy Saving**	**4,20** A+	**3,80** A	**3,90** A
Pdesign at -10°C		kW	**2,60**	**2,90**	**4,00**
Power input heating	Nominal (Min-Max)	kW	0,860 (0,230 - 1,380)	1,130 (0,230 - 1,550)	1,830 (0,260 - 2,180)
Annual electricity consumption (heating) [2]		kWh/a	867	1.068	1.436
Indoor Unit					
Power source		V	230	230	230
Recommended fuse		A	16	16	
Recommended power cable section		mm^2	1,5	1,5	
Connection		mm^2	4 x 1,5 to 2,5	4 x 1,5 to 2,5	
Current (Nominal)	Cooling / Heating	A	2,8 / 4,00	4,1 / 5,15	
External static pressure [3]	S-Hi / Hi / Me / Lo	Pa	110 / 60 / 30 / 20	80 / 50 / 25 / 10	
Air volume	Cooling / Heating	m^3/h	414 / 486	558 / 624	180 / 180
Moisture removal volume		l/h	1,50	2,30	2,80
Sound pressure level [4]	Cooling (Hi / Lo / S-Lo)	dB(A)	33 / 27 / 24	34 / 27 / 24	41 / 30 / 27
	Heating (Hi / Lo / S-Lo)	dB(A)	35 / 28 / 25	36 / 28 / 25	41 / 32 / 29
Sound power level	Cooling (Hi)	dB	49	50	
	Heating (Hi)	dB	51	52	
Dimensions	H x W x D	mm	235 x 750 x 370	235 x 750 x 370	200 x 750 x 640
Net weight		kg	17	17	19
Dust filter			No	No	
Outdoor Unit					
Power source		V	230	230	230
Air volume	Cooling/Heating	m^3/h	1.878 / 1.782	2.160 / 1.944	2.352 / 2.352
Sound pressure level [4]	Cooling / Heating (Hi)	dB(A)	47 / 47	47 / 48	47 / 48
Sound power level	Cooling / Heating (Hi)	dB	62 / 62	62 / 63	61 / 62
Dimensions [5]	H x W x D	mm	622 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight		kg	36	45	47
Piping connections	Liquid / Gas pipe	Inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)
Refrigerant loading	R410A	kg	1,10	1,14	1,23
Elevation difference (in/out)	Max	m	15	15	20
Piping length	Min / Max	m	3 / 20	3 / 20	3 / 30
Precharge length	Max	m	7,5	7,5	10
Additional charge		g/m	20	20	20
Operating range	Cooling Min/Max	°C	-10 / +43	-10 / +43	-10 / +43
	Heating Min/Max	°C	-10 / +24	-10 / +24	-10 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The specification listed on the table indicates values under the condition of 29 Pa (3,0 mmAq) which are applied for factory default setting. Change switch on PCB from Hi to Shi to have more than 6,0 mmAq. 4) The Sound pressure level of the units shows the value measured of a position of 1.5 m below the unit with 1 m duct on the suction side and 2 m duct on the discharge side. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Technical focus

- NEW! 18kW model
- Duct type can be controlled by Intesishome, KNX, EnOcean and Modbus
- This units can be installed on R22 pipings
- Eco mode for 20% energy saving
- Extremely compact indoor units without losing static pressure (only 235 mm high)
- Weekly timer, 42 settings per week
- Easy check mode for failure detection
- Drain pump included (max 200 mm)

Features

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system
- R410A environmentally friendly refrigerant gas

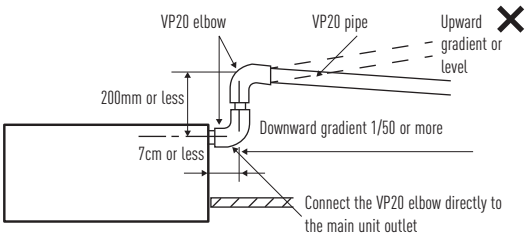
COMFORT
- Automatic start after a power cut
- Automatic fan operation mode
- Soft dry operation mode
- Hot start mode

EASE OF USE
- Weekly On/Off timer (6 settings per day and 42 per week)
- Wired remote control

EASY INSTALLATION AND MAINTENANCE
- Installation using existing pipes
- Selectable static pressure up to 7 mmAq
- Self-diagnostic function
- Condensation control
- Ultra compact indoor unit

CONNECTING THE DRAIN PIPING

Should there be any obstacle preventing the drain piping from being extended smoothly, the drain piping can be raised outside of the main unit as shown in the illustration below.



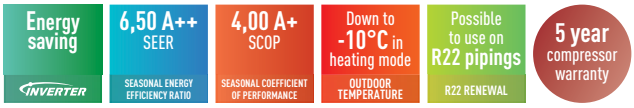
CU-E9PD3EA

CU-E12PD3EA
CU-E18RBEA

Included

RE WALL MOUNTED 2x1
STANDARD INVERTER

RE Multi Inverter models are powerful and efficient and are always there when you need them.



Kit			KIT-2MRE77-RBE	KIT-2MRE79-RBE	KIT-2MRE712-RBE	KIT-2MRE99-RBE	KIT-2MRE77-RKE	KIT-2MRE79-RKE
Indoor			CS-MRE7RKE	CS-MRE7RKE	CS-MRE7RKE	CS-RE9RKEW	CS-MRE7RKE	CS-MRE7RKE
			CS-MRE7RKE	CS-RE9RKEW	CS-RE12RKEW	CS-RE9RKEW	CS-MRE7RKE	CS-RE9RKEW
Outdoor			CU-2RE15PBE	CU-2RE15PBE	CU-2RE15PBE	CU-2RE15PBE	CU-2RE18PBE	CU-2RE18PBE
Cooling capacity	Nominal (Min - Max)	kW	4,00 (1,50 - 4,60)	4,40 (1,50 - 4,80)	4,40 (1,50 - 4,80)	4,40 (1,50 - 4,80)	4,00 (1,50 - 4,60)	4,50 (1,50 - 4,80)
	Nominal (Min - Max)	kCal/h	3.440 (1.290 - 3.956)	3.784 (1.290 - 4.128)	3.784 (1.290 - 4.128)	3.784 (1.290 - 4.128)	3.440 (1.290 - 3.956)	3.870 (1.290 - 4.128)
EER [1]	Nominal (Min - Max)	Energy Saving	3,42 (5,55 - 3,43) **A**	3,38 (5,55- 3,15) **A**	3,38 (5,55- 3,15) **A**		3,45 (5,55 - 3,43) **A**	3,44 (5,55- 3,18) **A**
Cooling capacity room A	Nominal	kW	2,00	1,95	1,70	2,20	2,00	2,00
Cooling capacity room B	Nominal	kW	2,00	2,45	2,70	2,20	2,00	2,50
SEER	**Nominal**	**Energy Saving**	**6,30** A++	**6,50** A++	**6,50** A++	**6,50** A++	**6,10** A++	**6,30** A++
Pdesign (cooling)		kW	4,40	4,40	4,40	4,40	4,80	4,80
Power input cooling	Nominal (Min - Max)	kW	1,170 (0,270 - 1,340)	1,300 (0,270 - 1,520)	1,300 (0,270 - 1,520)	1,300 (0,270 - 1,520)	1,160 (0,270 - 1,340)	1,400 (0,270 - 1,510)
Annual electricity consumption (cooling) [2]		kWh/a	237	237	237	237		
Heating capacity	Nominal (Min - Max)	kW	4,80 (1,10 - 6,30)	4,80 (1,10 - 6,30)	4,80 (1,10 - 6,50)	4,80 (1,10 - 6,50)	5,20 (1,10 - 6,30)	5,20 (1,10 - 6,30)
	Nominal (Min - Max)	kCal/h	4.128 (946 - 5.418)	4.128 (946 - 5.418)	4.128 (946 - 5.590)	4.128 (946 - 5.590)	4.472 (946 - 5.418)	4.472 (946 - 5.418)
Heating capacity at -7°C	Nominal	kW	3.220	3.220	3.220	3.220	3.540	3.540
Heating capacity room A	Nominal	kW	2,40	2,15	1,85	2,40	2,60	2,60
Heating capacity room B	Nominal	kW	2,40	2,65	2,95	2,40	2,60	2,90
COP [1]	Nominal (Min - Max)	Energy Saving	4,00 (4,58 - 3,91) **A**	4,00 (4,58 - 3,91) **A**	4,00 (4,58 - 3,91) **A**		4,00 (4,58 - 3,91) **A**	4,00 (4,58 - 3,91) **A**
SCOP	**Nominal**	**Energy Saving**	**3,80** A	**4,00** A+	**4,00** A+	**4,00** A+	**3,80** A	**3,80** A
Pdesign at -10°C		kW	3,60	3,60	3,60	3,60	3,80	3,80
Power input heating	Nominal (Min - Max)	kW	1,200 (0,240 - 1,610)	1,200 (0,240 - 1,610)	1,200 (0,240 - 1,670)	1,200 (0,240 - 1,670)	1,300 (0,240 - 1,610)	1,300 (0,240 - 1,610)
Annual electricity consumption (heating) [2]		kWh/a	1.260	1.260	1.260	1.260		
Indoor unit								
Connection		mm^2	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	5,45 / 5,35	6,10 / 5,35	6,10 / 5,35	6,10 / 5,35	5,45 / 5,80	6,10 / 5,80
Air volume	Cooling	m^3/h	606 (E7) / 606 (E7)	606 (E7) / 618 (E9)	606 (E7) / 654 (E12)	618 (E9) / 618 (E9)	606 (E7) / 606 (E7)	606 (E7) / 618 (E9)
Moisture removal volume	Cooling	l/h	1,3 (E7) / 1,3 (E7)	1,3 (E7) / 1,5 (E9)	1,1 (E7) / 1,6 (E12)	1,4 (E9) / 1,4 (E9)	1,3 (E7)	1,3 (E7) / 1,5 (E9)
Sound pressure level [3]	Cooling & Heating (Lo)	dB(A)	29 (E7) / 29 (E7)	29 (E7) / 29 (E9)	29 (E7) / 32 (E12)	29 (E9) / 29 (E9)	29 (E7) / 29 (E7)	29 (E7) / 29 (E9)
Sound power level	Cooling & Heating (Hi)	dB	56 (E7) / 56 (E7)	56 (E7) / 56 (E9)	56 (E7) / 60 (E12)	56 (E9) / 56 (E9)	56 (E7) / 56 (E7)	56 (E7) / 56 (E9)
Dimensions	H x W x D	mm	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214
Net weight		kg	9	9	9	9	9	9
Outdoor unit								
Power source		V	230	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5	1,5	1,5	1,5
Air volume	Cooling / Heating	m^3/h	1.962 / 1.962	1.962 / 1.962	1.962 / 1.962	1.962 / 1.962	2.214 / 2.416	2.214 / 2.416
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	47 / 49	47 / 49	47 / 49	47 / 49	49 / 51	49 / 51
Sound power level	Cooling / Heating (Hi)	dB	62 / 64	62 / 64	62 / 64	62 / 64	64 / 66	64 / 66
Dimensions [4]	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299
Net weight		kg	39	39	39	39	39	39
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)
Refrigerent Loading	R410A	kg	39	1,45	1,45	1,45	1,45	1,45
Elevation difference (in/out) [5]	Max	m	10	10	10	10	10	10
Piping length (total)	Min / Max	m	3 / 30	3 / 30	3 / 30	3 / 30	3 / 30	3 / 30
Piping length (one unit)	Min / Max	m	3 / 20	3 / 20	3 / 20	3 / 20	3 / 20	3 / 20
Precharge length	Max	m	20	20	20	20	20	20
Additional charge		g/m	20	20	20	20	20	20
Operating range	Cooling Min / Max	°C	16 / 43	16 / 43	16 / 43	16 / 43	16 / 43	16 / 43
	Heating Min / Max	°C	-10 / 24	-10 / 24	-10 / 24	-10 / 24	-10 / 24	-10 / 24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

	KIT-2MRE712-RKE	KIT-2MRE99-RKE	KIT-2MRE912-RKE	KIT-2MRE1212-RKE
	CS-MRE7RKE	CS-RE9RKEW	CS-RE9RKEW	CS-RE12RKEW
	CS-RE12RKEW	CS-RE9RKEW	CS-RE12RKEW	CS-RE12RKEW
	CU-2RE18PBE	CU-2RE18PBE	CU-2RE18PBE	CU-2RE18PBE
	4,80 (1,50 - 4,90)	4,80 (1,50 - 5,00)	4,80 (1,50 - 5,00)	4,80 (1,50 - 5,00)
	3.916 (1.290 - 4.214)	3.916 (1.290 - 4.300)	3.916 (1.290 - 4.300)	3.916 (1.290 - 4.300)
	3,43 (5,55- 3,20) A	3,43 (5,55 - 3,18) A	3,22 (5,55 - 3,20) A	3,22 (5,55 - 3,16) A
	1.85	2,35	2,10	2,40
	2.95	2,35	2,70	2,40
	6,50 A++	6,50 A++	6,50 A++	6,50 A++
	4,80	4,80	4,80	4,80
	1,400 (0,270 - 1,530)	1,490 (0,270 - 1,580)	1,490 (0,270 - 1,560)	1,490 (0,270 - 1,580)
		258		
	5,80 (1,10 - 6,70)	5,20 (1,10 - 6,70)	5,80 (1,10 - 6,70)	5,80 (1,10 - 6,70)
	4.988 (946 - 5.762)	4.472 (946 - 5.762)	4.988 (946 - 5.762)	4.988 (946 - 5.762)
	3.540	3.540	3.540	3.540
	2,00	2,60	2,30	2,30
	3,20	2,60	2,95	2,95
	3,94 (4,58 - 3,90) A	3,88 (4,58 - 3,85) A	3,94 (4,58 - 3,80) A	4,00 (4,58 - 3,90) A
	4,00 A+	4,00 A+	4,00 A+	4,00 A+
	3,80	3,80	3,80	3,80
	1,320 (0,240 - 1,720)	1,340 (0,240 - 1,740)	1,320 (0,240 - 1,720)	1,300 (0,240 - 1,700)
		1.330		
	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
	6,50 / 5,85	6,40 / 5,95	6,95 / 5,85	6,95 / 5,75
	606 (E7) / 654 (E12)	618 (E9) / 618 (E9)	618 (E9) / 654 (E12)	654 (E12) / 654 (E12)
	1,2 (E7) / 1,5 (E12)	1,5	1,4 / 1,6	1,5
	29 (E7) / 32 (E12)	29 (E9) / 29 (E9)	29 (E9) / 32 (E12)	32 (E12) / 32 (E12)
	56 (E7) / 60 (E12)	56 (E9) / 56 (E9)	56 (E7) / 60 (E12)	60 (E12) / 60 (E12)
	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214	290 x 870 x 214
	9	9	9	9
	230	230	230	230
	16	16	16	16
	1,5	1,5	1,5	1,5
	2.214 / 2.416	2.214 / 2.416	2.214 / 2.416	2.214 / 2.416
	49 / 51	49 / 51	49 / 51	49 / 51
	64 / 66	64 / 66	64 / 66	64 / 66
	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299
	39	39	39	39
	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)
	1,45	1,45	1,45	1,45
	10	10	10	10
	3 / 30	3 / 30	3 / 30	3 / 30
	3 / 20	3 / 20	3 / 20	3 / 20
	20	20	20	20
	20	20	20	20
	16 / 43	16 / 43	16 / 43	16 / 43
	-10 / 24	-10 / 24	-10 / 24	-10 / 24

Technical focus

- This units can be installed on R22 pipings
- Impressive energy savings
- Large elevation distance (10 m)
- Large piping length (30 m)

Features

HEALTHY AIR
- Odour-removing function

ENERGY, EFFICIENCY AND ECOLOGY
- Inverter system
- R410A refrigerant gas

COMFORT
- Automatic vertical airflow control
- Hot start mode
- Automatic restart

EASE OF USE
- Real time clock with single ON&OFF timer
- User friendly infrared remote control

EASY INSTALLATION AND MAINTENANCE
- 30 m maximum connection distance
- Removable, washable panel
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CU-2RE15PBE
CU-2RE18PBE

Included

ETHEREA MULTI SPLIT 2x1
INVERTER+

Etherea with enhanced Econavi sensor and new Nanoe-G air-purifying system: outstanding efficiency, comfort and healthy air combined with state-of-the-art design

Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With Econavi, energy savings of up to 38% are possible, whilst increasing your comfort.
Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.
Using a Multi Split 2x1 Inverter+ system with the outdoor unit CU-2E15PBE instead of 2 individual mono split Inverter+ systems, you reduce consumption and thus save more! Up to 16%! Furthermore, using a Multi Split system, you save space on the outdoor unit, making it easier to install in small spaces.

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-2XE79-QBE and KIT-2E79-QBE.

Awarded with the prestigious IF Design Award 2013

Silver Kit			KIT-2XE77-QBE	KIT-2XE79-QBE	KIT-2XE712-QBE	KIT-2XE99-QBE
Silver Kit with Smartphone Control			KIT-2XE77-QBE-WIFI	KIT-2XE79-QBE-WIFI	KIT-2XE712-QBE-WIFI	KIT-2XE99-QBE-WIFI
Indoor			CS-XE7QKEW (x2)	CS-XE7QKEW + CS-XE9QKEW	CS-XE7QKEW + CS-XE12QKEW	CS-XE9QKEW (x2)
White Kit			KIT-2E77-QBE	KIT-2E79-QBE	KIT-2E712-QBE	KIT-2E99-QBE
White Kit with Smartphone Control			KIT-2E77-QBE-WIFI	KIT-2E79-QBE-WIFI	KIT-2E712-QBE-WIFI	KIT-2E99-QBE-WIFI
Indoor			CS-E7QKEW (x2)	CS-E7QKEW + CS-E9QKEW	CS-E7QKEW + CS-E12QKEW	CS-E9QKEW (x2)
Outdoor			CU-2E15PBE	CU-2E15PBE	CU-2E15PBE	CU-2E15PBE
Cooling capacity	Nominal (Min - Max)	kW	4,00 (1,50 - 5,00)	4,50 (1,50 - 5,20)	4,50 (1,50 - 5,20)	4,50 (1,50 - 5,20)
	Nominal (Min - Max)	kCal/h	3.440 (1.290 - 4.300)	3.870 (1.290 - 4.470)	3.870 (1.290 - 4.470)	3.870 (1.290 - 4.470)
EER [1]	Nominal (Min - Max)	Energy Saving	3,66 (6,00 - 3,70) **A**	3,66 (6,00 - 3,42) **A**	3,66 (6,00 - 3,42) **A**	3,66 (6,00 - 3,42) **A**
SEER	**Nominal**	**Energy Saving**		6,50 A++		
Pdesign (cooling)		kW		4,50		
Power input cooling	Nominal (Min - Max)	kW	1,090 (0,250 - 1,350)	1,230 (0,250 - 1,520)	1,230 (0,250 - 1,530)	1,230 (0,250 - 1,520)
Annual electricity consumption (cooling) [2]		kWh/a		242		
Heating capacity	Nominal (Min - Max)	kW	5,40 (1,10 - 7,00)	5,40 (1,10 - 7,00)	5,40 (1,10 - 7,00)	5,40 (1,10 - 7,00)
	Nominal (Min - Max)	kCal/h	4.644 (946 - 6.020)	4.644 (946 - 6.020)	4.644 (946 - 6.020)	4.644 (946 - 6.020)
Heating capacity at -7°C	Nominal	kW	3,54	3,54	3,54	3,54
COP [1]	Nominal (Min - Max)	Energy Saving	4,62 (5,24 - 4,19) **A**	4,62 (5,24 - 4,19) **A**	4,62 (5,24 - 4,19) **A**	4,62 (4,61 - 4,19) **A**
SCOP	**Nominal**	**Energy Saving**		4,00 A+		
Pdesign at -10°C		kW		4,00		
Power input heating	Nominal (Min - Max)	kW	1,170 (0,210 - 1,670)	1,170 (0,210 - 1,670)	1,170 (0,210 - 1,670)	1,170 (0,210 - 1,670)
Annual electricity consumption (heating) [2]		kWh/a		1.400		
Indoor Unit						
Connection		mm^2	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	5,10 / 5,20	5,75 / 5,20	5,75 / 5,20	5,75 / 5,20
Air volume	Cooling	m^3/h	(E7) 684	684 (E7) / 702 (E9)	684 (E7) / 732 (E12)	(E9) 702
Moisture removal volume		l/h	1,3 / 1,3	1,3 (E7) / 1,8 (E12)	1,3 (E7) / 1,8 (E12)	1,5 / 1,5
Sound pressure level [3]	Cooling (S-Lo)	dB(A)	(E7) 23	(E7) 23 / (E9) 23	(E7) 23 / (E12) 23	(E9) 23 / (E9) 23
Sound power level	Cooling (S-Lo)	dB	(E7) 56	(E7) 56 / (E9) 56	(E7) 56 / (E12) 60	(E9) 56 / (E9) 56
Dimensions	H x W x D	mm	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255
Net weight		kg	10	10	10	10
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Outdoor Unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5	1,5
Air volume	Cooling / Heating	m^3/h	1.962 / 2.214	1.962 / 2.214	1.962 / 2.214	1.962 / 2.214
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	47 / 49	47 / 49	47 / 49	47 / 49
Sound power level	Cooling / Heating (Hi)	dB	62 / 64	62 / 64	62 / 64	62 / 64
Dimensions [4]	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299
Net weight		kg	39	39	39	39
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)
Refrigerant loading	R410A	kg	1,40	1,40	1,40	1,40
Elevation difference (in/out) [5]	Max	m	10	10	10	10
Piping length (total)	Min / Max	m	3 / 30	3 / 30	3 / 30	3 / 30
Piping length (one unit)	Min / Max	m	3 / 20	3 / 20	3 / 20	3 / 20
Precharge length	Max	m	20	20	20	20
Additional charge		g/m	15	15	15	15
Operating range	Cooling Min / Max	°C	-10 / 46	-10 / 46	-10 / 46	-10 / 46
	Heating Min / Max	°C	-15 / 24	-15 / 24	-15 / 24	-15 / 24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)
Connectivity restriction: CS-E/XE_QKE units are only compatible with CU-2E15PBE, CU-2E18PBE, CU-3E18PBE, CU-4E27PBE and CU-4E27PBE outdoor units. No other outdoor unit can be connected.

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

ETHEREA

Technical focus

- This units can be installed on R22 pipings
- Maximum efficiency and comfort with Econavi, now with sunlight detection
- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses and bacteria
- Optional smartphone control
- More powerful airflow to quickly reach the desired temperature

Features

HEALTHY AIR
- Nanoe-G air purifying system

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -35% on cooling mode
- R410A refrigerant gas

COMFORT
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 30 m maximum connection distance
- 10 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CS-E7QKEW // CS-E9QKEW // CS-E12QKEW

CU-2E15PBE

Included

ETHEREA MULTI SPLIT 2x1
INVERTER+

Etherea with enhanced Econavi sensor and new Nanoe-G air-purifying system: outstanding efficiency, comfort and healthy air combined with state-of-the-art design

Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With Econavi, energy savings of up to 38% are possible, whilst increasing your comfort.
Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.
Using a Multi Split 2x1 Inverter+ system with the outdoor unit CU-2E18PBE instead of 2 individual mono split Inverter+ systems, you reduce consumption and thus save more! Up to 16%! Furthermore, using a Multi Split system, you save space on the outdoor unit, making it easier to install in small spaces.

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-2XE712-QKE and KIT-2E712-QKE.

Awarded with the prestigious IF Design Award 2013

Silver Kit			KIT-2XE99-QKE	KIT-2XE712-QKE	KIT-2XE912-QKE	KIT-2XE1212-QKE
Silver Kit with Smartphone Control			KIT-2XE99-QKE-WIFI	KIT-2XE712-QKE-WIFI	KIT-2XE912-QKE-WIFI	KIT-2XE1212-QKE-WIFI
Indoor			CS-XE9QKEW (x2)	CS-XE7QKEW + CS-XE12QKEW	CS-XE9QKEW + CS-XE12QKEW	CS-XE12QKEW (x2)
White Kit			KIT-2E99-QKE	KIT-2E712-QKE	KIT-2E912-QKE	KIT-2E1212-QKE
White Kit with Smartphone Control			KIT-2E99-QKE-WIFI	KIT-2E712-QKE-WIFI	KIT-2E912-QKE-WIFI	KIT-2E1212-QKE-WIFI
Indoor			CS-E9QKEW (x2)	CS-E7QKEW + CS-E12QKEW	CS-E9QKEW + CS-E12QKEW	CS-E12QKEW (x2)
Outdoor			CU-2E18PBE	CU-2E18PBE	CU-2E18PBE	CU-2E18PBE
Cooling capacity	Nominal (Min - Max)	kW	4,80 (1,50 - 5,20)	5,20 (1,50 - 5,40)	5,00 (1,50 - 5,30)	5,20 (1,50 - 5,40)
	Nominal (Min - Max)	kCal/h	4.130 (1.290 - 4.472)	4.472 (1.290 - 4.644)	4.300 (1.290 - 4.560)	4.472 (1.290 - 4.644)
EER [1]	Nominal (Min - Max)	Energy Saving	3,66 (6,00 - 3,42) **A**	3,42 (6,00 - 3,42) **A**	3,36 (6,00 - 3,44) **A**	3,42 (6,00 - 3,42) **A**
SEER	**Nominal**	**Energy Saving**		6,50 A++		
Pdesign (cooling)		kW		5,20		
Power input cooling	Nominal (Min - Max)	kW	1,310 (0,250 - 1,520)	1,520 (0,250 - 1,580)	1,490 (0,250 - 1,540)	1,520 (0,250 - 1,580)
Annual electricity consumption (cooling) [2]		kWh/a		280		
Heating capacity	Nominal (Min - Max)	kW	5,60 (1,10 - 7,20)	5,60 (1,10 - 7,20)	5,60 (1,10 - 7,20)	5,60 (1,10 - 7,20)
	Nominal (Min - Max)	kCal/h	4.820 (950 - 6.190)	4.820 (950 - 6.190)	4.820 (950 - 6.190)	4.820 (950 - 6.190)
Heating capacity at -7°C	Nominal	kW	3,65	3,65	3,65	3,65
COP [1]	Nominal (Min - Max)	Energy Saving	4,48 (5,24 - 4,14) **A**	4,63 (4,24 - 5,24) **A**	4,55 (5,24 - 4,19) **A**	4,63 (5,24 - 4,24) **A**
SCOP	**Nominal**	**Energy Saving**		4,00 A+		
Pdesign at -10°C		kW		3,80		
Power input heating	Nominal (Min - Max)	kW	1,250 (0,210 - 1,740)	1,300 (0,240 - 1,700)	1,230 (0,210 - 1,720)	1,210 (0,210 - 1,700)
Annual electricity consumption (heating) [2]		kWh/a		1400		
Indoor unit						
Connection		mm^2	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	6,10 / 5,55	6,10 / 5,45	6,95 / 5,45	7,10 / 5,35
Air volume	Cooling	m^3/h	(E9) 702	684 (E7) / 732 (E12)	684 (E7) / 732 (E12)	732 (E12)
Moisture removal volume		l/h	1,5 / 1,5	1,3 (E7) / 1,8 (E12)	1,3 (E7) / 1,8 (E12)	1,8 (E12)
Sound pressure level [3]	Cooling (S-Lo)	dB(A)	(E9) 23 / (E9) 23	(E7) 23 / (E12) 23	(E7) 23 / (E12) 23	(E12) 23
Sound power level	Cooling (S-Lo)	dB	(E9) 56 / (E9) 56	(E7) 56 / (E12) 60	(E7) 56 / (E12) 60	(E12) 60
Dimensions	H x W x D	mm	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255
Net weight		kg	10	10	10	10
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Outdoor unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5	1,5
Air volume	Cooling / Heating	m^3/h	2.217 / 2.466	2.217 / 2.466	2.217 / 2.466	2.217 / 2.466
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	49 / 51	49 / 51	49 / 51	49 / 51
Sound power level	Cooling / Heating (Hi)	dB	64 / 66	64 / 66	64 / 66	64 / 66
Dimensions [4]	H x W x D	mm	619 x 824 x 229	619 x 824 x 229	619 x 824 x 229	619 x 824 x 229
Net weight		kg	39	39	39	39
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)
Refrigerent Loading	R410A	kg	1,40	1,40	1,40	1,40
Elevation difference (in/out) [5]	Max	m	10	10	10	10
Piping length (total)	Max	m	30	30	30	30
Piping length (one unit)	Min / Max	m	3 / 20	3 / 20	3 / 20	3 / 20
Precharge length	Max	m	20	20	20	20
Additional charge		g/m	15	15	15	15
Operating range	Cooling Min / Max	°C	-10 / 46	-10 / 46	-10 / 46	-10 / 46
	Heating Min / Max	°C	-15 / 24	-15 / 24	-15 / 24	-15 / 24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)
Connectivity restriction: CS-E/XE_QKE units are only compatible with CU-2E15PBE, CU-2E18PBE, CU-3E18PBE, CU-4E27PBE and CU-4E27PBE outdoor units. No other outdoor unit can be connected.

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
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ETHEREA

Technical focus

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- Maximum efficiency and comfort with Econavi, now with sunlight detection
- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses and bacteria
- Optional smartphone control
- More powerful airflow to quickly reach the desired temperature

CS-E7QKEW // CCS-E9QKEW // CS-E12QKEW

Features

HEALTHY AIR
- Nanoe-G air purifying system

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -35% on cooling mode
- R410A refrigerant gas

COMFORT
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 30 m maximum connection distance
- 10 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CU-2E18PBE

Included

ETHEREA MULTI SPLIT 3x1
INVERTER+

Etherea with enhanced Econavi sensor and new Nanoe-G air-purifying system: outstanding efficiency, comfort and healthy air combined with state-of-the-art design

Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With Econavi, energy savings of up to 38% are possible, whilst increasing your comfort.
Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.
Using a Multi Split 3x1 Inverter+ system with the outdoor unit CU-3E18PBE instead of 3 individual mono split Inverter+ systems, you reduce consumption and thus save more! Up to 34%! Furthermore, using a Multi Split system, you save space on the outdoor unit, making it easier to install in small spaces.

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-3E557-QBE.

Awarded with the prestigious IF Design Award 2013

Silver Kit			—	KIT-3XE7712-QBE	—
Silver Kit with Smartphone Control			—	KIT-3XE7712-QBE-WIFI	—
Indoor			—	CS-XE7QKEW (x2) + CS-XE12QKEW (x1)	—
White Kit			KIT-3E557-QBE	KIT-3E7712-QBE	KIT-3E7715-QBE*
White Kit with Smartphone Control			KIT-3E557-QBE-WIFI	KIT-3E7712-QBE-WIFI	KIT-3E7715-QBE-WIFI
Indoor			CS-ME5PKE (x2) + CS-E7QKEW (x1)	CS-E7QKEW (x2) + CS-E12QKEW (x1)	CS-E7QKEW (x2) + CS-E15QKEW (x1)
Outdoor			CU-3E18PBE	CU-3E18PBE	CU-3E18PBE
Cooling capacity	Nominal (Min - Max)	kW	5,20 (1,80 - 7,30)	5,20 (1,90 - 7,20)	5,20 (1,80 - 7,30)
	Nominal (Min - Max)	kCal/h	4.472 (1.548 - 6.278)	4.470 (1.634 - 6.190)	4.472 (1.548 - 6.278)
EER [1]	Nominal (Min - Max)	Energy Saving	4,33 (5,00 - 3,35) **A**	4,30 (5,28 - 3,30) **A**	4,30 (5,00 - 3,35) **A**
SEER	**Nominal**	**Energy Saving**	**7,00** A++		
Pdesign (cooling)		kW	5,20		
Power input cooling	Nominal (Min - Max)	kW	1,200 (0,360 - 2,180)	1,210 (0,360 - 2,180)	1,210 (0,360 - 2,180)
Annual electricity consumption (cooling) [2]		kWh/a	260		
Heating capacity	Nominal (Min - Max)	kW	6,80 (1,60 - 8,30)	6,80 (1,40 - 8,30)	6,80 (1,60 - 8,30)
	Nominal (Min - Max)	kCal/h	5.848 (1.376 - 7.138)	5.848 (1.204 - 7.138)	5.848 (1.376 - 7.138)
Heating capacity at -7°C	Nominal	kW	4,90	4,90	4,90
COP [1]	Nominal (Min - Max)	Energy Saving	4,69 (3,93 - 5,00) **A**	4,63 (4,38 - 3,94) **A**	4,72 (5,00 - 3,93) **A**
SCOP	**Nominal**	**Energy Saving**	**4,00** A+		
Pdesign at -10°C		kW	4,80		
Power input heating	Nominal (Min - Max)	kW	1,450 (0,320 - 2,110)	1,470 (0,320 - 2,110)	1,440 (0,320 - 2,110)
Annual electricity consumption (heating) [2]		kWh/a	1.680		
Indoor unit					
Connection		mm^2	4 x 1,5	4 x 1,5	4 x 1,5
Current (Nominal)	Cooling / Heating	A	5,3 / 7,9	5,3 / 8,2	5,3 / 7,9
Air volume	Cooling	m^3/h	690 (E5) / 690 (E5) / 714 (E7)	714 (E7) / 714 (E7) / 762 (E12)	714 (E7) / 714 (E7) / 786 (E15)
Moisture removal volume		l/h	1,0 (E5) / 1,0 (E5) / 1,3 (E7)	1,3 (E7) / 1,3 (E7) / 1,8 (E12)	0,8 (E7) / 0,8 (E7) / 2,3 (E15)
Sound pressure level [3]	Cooling (S-Lo)	dB(A)	23 (E5) / 23 (E5) / 23 (E7)	23 (E7) / 23 (E7) / 23 (E12)	23 (E7) / 23 (E7) / 28 (E15)
Sound power level	Cooling (Hi)	dB	56 (E5) / 56 (E5) / 56 (E7)	56 (E7) / 56 (E7) / 60 (E12)	56 (E7) / 56 (E7) / 60 (E15)
Dimensions	H x W x D	mm	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255
Net weight		kg	10	10	10
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G
Outdoor unit					
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Recommended power cable section		mm^2	1,5	1,5	1,5
Air volume	Cooling / Heating	m^3/h	2.464 / 2.464	2.464 / 2.464	2.464 / 2.464
Sound pressure level [3]	Cooling / Heating (Hi)	dB(A)	46 / 47	46 / 47	46 / 47
Sound power level	Cooling / Heating (Hi)	dB	60 / 61	60 / 61	60 / 61
Dimensions [4]	H x W x D	mm	795 x 875 (+95) x 320	795 x 875 (+95) x 320	795 x 875 (+95) x 320
Net weight		kg	71	71	71
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)
Refrigerent Loading	R410A	kg	2,64	2,64	2,64
Elevation difference (in/out) [5]	Max	m	15	15	15
Piping length (total)	Min / Max	m	3 / 50	3 / 50	3 / 50
Piping length (one unit)	Min / Max	m	3 / 25	3 / 25	3 / 25
Precharge length	Max	m	30	30	30
Additional charge		g/m	20	20	20
Operating range	Cooling Min / Max	°C	-10 / 46	-10 / 46	-10 / 46
	Heating Min / Max	°C	-15 / 24	-15 / 24	-15 / 24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)
Connectivity restriction: CS-E/XE_QKE units are only compatible with CU-2E15PBE, CU-2E18PBE, CU-3E18PBE, CU-4E27PBE and CU-4E27PBE outdoor units. No other outdoor unit can be connected.

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.
*CZ-MA1P reduced needed and Not included on the Kit.

ETHEREA

Technical focus

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- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses and bacteria
- Optional smartphone control
- More powerful airflow to quickly reach the desired temperature

Features

HEALTHY AIR
- Nanoe-G air purifying system

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -35% on cooling mode
- R410A refrigerant gas

COMFORT
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 50 m maximum connection distance
- 15 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CS-ME5PKE // CS-E7QKEW // CS-E12QKEW // CS-E15QKEW

CU-3E18PBE

Included

ETHEREA MULTI SPLIT 4x1 AND 5x1 INVERTER+

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Internet Control Ready – INTERNET CONTROL
Energy saving – INVERTER+
7,00 A++ SEER – SEASONAL ENERGY EFFICIENCY RATIO
4,00 A+ SCOP – SEASONAL COEFFICIENT OF PERFORMANCE
Air purifier 99% removal bacteria·virus·mold – nanoe-G
Up to 38% energy savings (cooling) – ECONAVI
Improved comfort – AUTOCOMFORT
Down to -15°C in heating mode – OUTDOOR TEMPERATURE
Easy control by BMS – CONNECTIVITY
Possible to use on R22 pipings – R22 RENEWAL
5 year compressor warranty
Allergy
product design award 2013

Awarded with the prestigious IF Design Award 2013

INTERNET CONTROL READY: Optional. SEER and SCOP: For KIT-4E5557-QBE, KIT-4XE7777-QKE and KIT-4E7777-QKE.

Silver Kit			—	KIT-4XE77712-QBE	—	KIT-4XE7777-QKE	KIT-4XE77712-QKE*	—	KIT-5XE77777-QBE
Silver Kit with Smartphone Control			—	KIT-4XE77712-QBE-WIFI	—	KIT-4XE7777-QKE-WIFI	KIT-4XE77712-QKE-WIFI	—	KIT-5XE77777-QBE-WIFI
Indoor			—	CS-XE7QKEW (x3) + CS-XE12QKEW (x1)	—	CS-XE7QKEW (x4)	CS-XE7QKEW (x3) + CS-XE12QKEW (x1)	—	CS-XE7QKEW (x5)
White Kit			KIT-4E5557-QBE	KIT-4E77712-QBE	KIT-4E77715-QBE*	KIT-4E7777-QKE	KIT-4E77712-QKE*	KIT-4E77715-QKE*	KIT-5E77777-QBE
White Kit with Smartphone Control			KIT-4E5557-QBE-WIFI	KIT-4E77712-QBE-WIFI	KIT-4E77715-QBE-WIFI	KIT-4E7777-QKE-WIFI	KIT-4E77712-QKE-WIFI	KIT-4E77715-QKE-WIFI	KIT-5E77777-QBE-WIFI
Indoor			CS-ME5PKE (x3) + CS-E7QKEW (x1)	CS-E7QKEW (x3) + CS-E12QKEW (x1)	CS-E7QKEW (x3) + CS-E15QKEW (x1)	CS-E7QKEW(x4)	CS-E7QKEW (x3) + CS-E12QKEW (x1)	CS-E7QKEW (x3) + CS-E15QKEW (x1)	CS-E7QKEW (x5)
Outdoor			CU-4E23PBE	CU-4E23PBE	CU-4E23PBE	CU-4E27PBE	CU-4E27PBE	CU-4E27PBE	CU-5E34PBE
Cooling capacity	Nominal (Min-Max)	kW	6,80 (1,90 - 8,80)	6,80 (1,90 - 8,80)	6,80 (1,90 - 8,80)	8,00 (3,00 - 9,20)	8,00 (2,80 - 8,90)	8,00 (2,80 - 8,90)	10,00 (2,90 - 11,50)
	Nominal (Min-Max)	kCal/h	5.850 (1.630 - 7.570)	5.850 (1.630 - 7.570)	5.850 (1.630 - 7.650)	6.880 (2.580 - 7.912)	6.880 (2.410 - 7.650)	6.880 (2.410 - 7.650)	8.600 (2.494 - 9.890)
EER [1]	Nominal (Min-Max)	Energy Saving	4,05 (5,59-3,56) **A**	4,12 (5,59-3,56) **A**	4,12 (5,59-3,56) **A**	4,04 (5,66-3,21) **A**	3,76 (5,71-3,09) **A**	3,76 (5,71-3,20) **A**	3,5 (5,27-2,98) **A**
SEER	**Nominal**	**Energy Saving**	**7,00** A++			**7,00** A++			**6,50** A++
Pdesign (cooling)		kW	6,80			8,00			10,00
Power input cooling	Nominal (Min-Max)	kW	1,680 (0,340 - 2,470)	1,640 (0,340 - 2,330)	1,640 (0,340 - 2,330)	1,980 (0,530 - 2,870)	2,130 (0,490 - 2,880)	2,100 (0,490 - 2,870)	2,860 (0,550 - 3,860)
Annual electricity consumption (cooling) [2]		kWh/a	340			412			538
Heating capacity	Nominal (Min-Max)	kW	8,50 (3,00 - 10,60)	8,50 (3,00 - 10,60)	8,50 (3,00 - 10,60)	9,40 (4,20 - 10,60)	9,40 (3,40 - 10,50)	9,40 (3,80 - 10,50)	12,00 (3,40 - 14,50)
	Nominal (Min-Max)	kCal/h	7.130 (2.580 - 9.120)	7.130 (2.580 - 9.120)	7.130 (2.580 - 9.120)	8.084 (3.612 - 9.116)	8.080 (2.920 - 9.030)	8.080 (3.270 - 9.030)	10.320 (2.924 - 12.470)
Heating capacity at -7°C	Nominal	kW	6,05	6,05	6,05	7,08	7,08	7,08	8,85
COP [1]	Nominal (Min-Max)	Energy Saving	4,47 (4,08-5,17) **A**	4,65 (5,17-4,08) **A**	4,67 (5,09-4,09) **A**	4,52 (6,00-3,46) **A**	4,43 (5,76-3,30) **A**	4,50 (5,31-3,34) **A**	4,20 (6,42-3,42) **A**
SCOP	**Nominal**	**Energy Saving**	**4,00** A+			**4,00** A+			**4,00** A+
Pdesign at -10°C		kW	5,50			8,00			10,00
Power input heating	Nominal (Min-Max)	kW	1,900 (0,580 - 2,600)	1,860 (0,610 - 2,550)	1,850 (0,610 - 2,540)	2,080 (0,700 - 3,060)	2,120 (0,590 - 3,180)	2,090 (0,640 - 3,140)	2,860 (0,530 - 4,240)
Annual electricity consumption (heating) [2]		kWh/a	1925			2667			3.500
Indoor unit									
Connection		mm^2	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Current	Cool / Heat	A	7,6 / 8,8	7,3 / 8,6	7,3 / 8,5	9,4 / 9,8	9,1 / 9,8	9,1 / 9,7	13,2 / 13,4
Air volume	Cool	m^3/h	690 (E5) / 714 (E7)	714 (E7) / 762 (E12)	714 (E7) / 786 (E15)	714 (E7)	714 (E7) / 762 (E12)	714 (E7) / 786 (E15)	690
Moisture removal volume		l/h	1 (E5) / 1,3 (E17)	1,3 (E7) / 1,8 (E12)	0,8 (E7) / 2,3 (E15)	1,3 (E7)	1,3 (E7) / 1,8 (E12)	1,3 (E7) / 2,3 (E15)	1,3
Sound pressure level [3]	Cool & Heat (S-Lo)	dB(A)	23	23	23 (E7) / 28 (E15)	23	23	23 (E7) / 28 (E15)	23
Sound power level	Cool & Heat (Hi)	dB	56	56	56	56	56	56	56
Dimensions / Net weight	H x W x D	mm	295 x 870 x 255 / 10	295 x 870 x 255 / 10	295 x 870 x 255 / 10	295 x 870 x 255 / 9	295 x 870 x 255 / 9	295 x 870 x 255 / 9	295 x 870 x 255 / 9
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Outdoor unit									
Power source		V	230	230	230	230	230	230	230
Recommended fuse		A	20	20	20	20	20	20	25
Recommended power cable section		mm^2	2,5	2,5	2,5	2,5	2,5	2,5	3,5
Air volume	Cool / Heat	m^3/h	2.550	2.550	2.550	3.024 / 3.336	3.024 / 3.336	3.024 / 3.336	3.648 / 4.206
Sound pressure level [3]	Cool / Heat (Hi)	dB(A)	48 / 49	48 / 49	48 / 49	51 / 52	51 / 52	51 / 52	53 / 54
Sound power level	Cool / Heat (Hi)	dB	62 / 63	62 / 63	62 / 63	67 / 68	67 / 68	67 / 68	69 / 70
Dimensions [4]	H x W x D	mm	795 x 875 (+95) x 320	795 x 875 (+95) x 320	795 x 875 (+95) x 320	999 x 940 x 340	999 x 940 x 340	999 x 940 x 340	999 x 940 x 340
Net weight		kg	72	72	72	80	80	80	81
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)
Refrigerent Loading	R410A	kg	2,64	2,64	2,64	3,4	3,4	3,4	3,4
Elevation dif. (in/out) [4]	Max	m	15	15	15	15	15	15	15
Piping length total (1 unit)	Max (Min / Max)	m	60 (3 / 25)	60 (3 / 25)	60 (3 / 25)	70 (3 / 25)	70 (3 / 25)	70 (3 / 25)	80 (3 / 25)
Precharge length	Max	m	30	30	30	45	45	45	45
Additional charge		g/m	20	20	20	20	20	20	20
Operating range	Cool Min / Max	°C	-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46	-10 / 46
	Heat Min / Max	°C	-15 / 24	-15 / 24	-15 / 24	-15 / 24	-15 / 24	-15 / 24	-15 / 24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.
For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.
*CZ-MA1P reduced needed and Not included on the Kit.

ETHEREA

Technical focus

- This units can be installed on R22 pipings
- Maximum efficiency and comfort with Econavi, now with sunlight detection
- Nanoe-G air purifying system, 99% effective on both airborne and adhesive mould, viruses and bacteria
- Optional smartphone control
- More powerful airflow to quickly reach the desired temperature

Features

HEALTHY AIR
- Nanoe-G air purifying system

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -35% on cooling mode
- R410A refrigerant gas

COMFORT
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 70 m maximum connection distance
- 15 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

CS-ME5PKE // CS-E7QKEW // CS-E12QKEW // CS-E15QKEW

CU-4E23PBE

CU-4E27PBE
CU-5E34PBE

Included

FREE MULTI SYSTEM

Up to 5 indoor units with a single outdoor unit

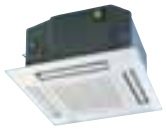
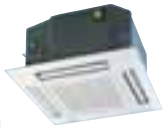
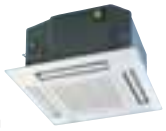
Connect up to five different rooms with a single outdoor unit using the Free Multi system.
With Free Multi you can take care of 2, 3, 4 or 5 rooms with a single outdoor unit.
With the Free Multi range, your clients will be able to save space at the time of installing the outdoor unit, and they will have more energy efficiency than with conventional 1x1 systems. They will be able to achieve energy savings of up to 30%.
Choose the indoor units according to the individual requirements of each of your client's rooms, and calculate which outdoor unit best adapts itself to the combinations of indoor units.
The combination table will help you to select the best option.

INTERNET CONTROL READY: Optional for Etherea, Floor Console, Low Static Pressure Hide Away (CS-E9PD3EA and CS-E12PD3EA) and 4 Way 60x60 Cassette (CS-E9PB4EA and CS-E12PB4EA). EASY CONTROL by BMS: Optional only for Etherea, Low Static Pressure Hide Away (CS-E9PD3EA and CS-E12PD3EA) and 4 Way 60x60 Cassette (CS-E9PB4EA and CS-E12PB4EA).

Possible outdoor/indoor units combinations

	Models	Capacity connected (Min-Max)	Piping connections		Pipe length					Capacity combinations	Indoor Unit Capacities								
			Liquid pipe (Inch)	Gas pipe (Inch)	Max. pipe length (1 room)	Max. pipe length (total)	Precharge length	Additional charge	Elevation difference (in/out)		5 1,6 kW	7 2,0 kW	9 2,5 kW	9 2,8 kW	12 3,2 kW	15 4,0 kW	18 5,0 kW	21 6,8 kW	24 7,1 kW
2 ROOMS	CU-2E15PBE 	3,2-5,6 kW	1/4	3/8	20 m	30 m	20 m	15 g/m	10 m	For 2 indoor units	✔	✔	✔	✔	✔				
	CU-2E18PBE 	3,2-6,4 kW	1/4	3/8	20 m	30 m	20 m	15 g/m	10 m	For 2 indoor units	✔	✔	✔	✔	✔				
3 ROOMS	CU-3E18PBE 	4,5-9,0 kW	1/4	3/8	25 m	50 m	30 m	20 g/m	15 m	For 3 indoor units	✔	✔	✔	✔	✔	✔	✔		
4 ROOMS	CU-4E23PBE 	4,5-11,0 kW	1/4	3/8	25 m	60 m	30 m	20 g/m	15 m	For 4 indoor units	✔	✔	✔	✔	✔	✔	✔	✔	
	CU-4E27PBE 	4,5-13,6 kW	1/4	3/8	25 m	70 m	45 m	20 g/m	15 m	For 4 indoor units	✔	✔	✔	✔	✔	✔	✔	✔	✔
5 ROOMS	CU-5E34PBE 	4,5-17,5 kW	1/4	3/8	25 m	80 m	45 m	20 g/m	15 m	For 5 indoor units	✔	✔	✔	✔	✔	✔	✔	✔	✔

1) At least two indoor units must be connected.
2) The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit.

Indoor Unit Capacities				
Capacity	**Split Etherea**	**Floor Console**	**Low Static Pressure Hide Away**	**4 Way 60x60 Cassette**
5 - 1,6 kW	 CS-ME5PKE			
7 - 2,0 kW	 CS-XE7QKEW / CS-E7QKEW			
9 - 2,5 kW (9 - 2,8 kW for Floor Console only)	 CS-XE9QKEW / CS-E9QKEW	 CS-E9GFEW	 CS-E9PD3EA	 CS-E9PB4EA
12 - 3,2 kW	 CS-XE12QKEW / CS-E12QKEW	 CS-E12GFEW	 CS-E12QD3EAW[1]	 CS-E12PB4EA[1]
15 - 4,0 kW	 CS-E15QKEW[1]			
18 - 5,0 kW	 CS-XE18QKEW[1] / CS-E18QKEW[1]	 CS-E18GFEW[1]	 CS-ME18PD3EA CS-E18RD3EAW	 CS-ME18PB4EA[1] CS-E18RB4EAW[1]
21 - 6,8 kW	 CS-E21QKEW[1]			 CS-ME21PB4EA[1] CS-E21RB4EAW[1]
24 - 7,1 kW	 CS-E24QKEW[1]			

1) A CZ-MA1P pipe reducer is needed on the E15 and E18, a CZ-MA2P pipe expander is needed on the E21. And a CZ-MA2P pipe expander plus a CZ-MA3P pipe reducer are needed on the E24.
* At least two indoor units must be connected.

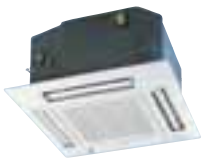
Indoor Units for Free Multi combinations



INTERNET CONTROL READY: Optional.

Etherea // Silver or White			1,6 kW	2,0 kW	2,5 kW	3,2 kW	4,0 kW	5,0 kW	6,0 kW	7,1 kW
Silver Indoor			—	CS-XE7QKEW	CS-XE9QKEW	CS-XE12QKEW	—	CS-XE18QKEW	—	—
White Indoor			CS-ME5PKE*	CS-E7QKEW	CS-E9QKEW	CS-E12QKEW	CS-E15QKEW	CS-E18QKEW	CS-E21QKEW	CS-E24QKEW
Cooling capacity	Nominal	kW / kCal/h	1,6 / 1.380	2,00 / 1.720	2,50 / 2.150	3,20 / 2.750	4,00 / 3.440	5,00 / 4.300	6,00 / 5.160	7,00 / 6.580
Heating capacity	Nominal	kW / kCal/h	2,6 / 2.240	3,20 / 2.750	3,60 / 3.010	4,50 / 3.870	5,60 / 4.820	6,80 / 5.850	8,50 / 7.310	8,70 / 8.260
Connection		mm²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
Sound pressure level[1]	Cooling (Hi / Lo / S-Lo)	dB(A)	39 / 29 / 23	40 / 26 / 23	40 / 26 / 23	44 / 32 / 26	44 / 32 / 26	46 / 33 / 30	46 / 33 / 30	49 / 38 / 35
	Heating (Hi / Lo / S-Lo)	dB(A)	39 / 29 / 23	40 / 26 / 23	40 / 26 / 23	44 / 32 / 26	44 / 33 / 32	46 / 35 / 32	46 / 35 / 32	48 / 38 / 35
Sound power level	Cooling (Hi)	dB	55	54	56	60	60	62	62	65
	Heating (Hi)	dB	55	56	56	60	60	62	62	64
Dimensions	H x W x D	mm	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	290 x 1.070 x 255	290 x 1.070 x 255	290 x 1.070 x 255
Net weight		kg	9	9	9	9	9	12	12	12
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)

* NEW also for the 4x1 and 5x1.




Include on the indoor unit

Optional wired remote control CZ-RD52CP

Panel CZ-BT20E (sold separately)

INTERNET CONTROL READY and EASY CONTROL by BMS: Optional only for E9, E12, E18 and E21.

4 Way 60x60 Cassette			2,5 kW	3,2 kW	5,0 kW	6,0 kW	5,0 kW	6,0 kW
Indoor			CS-E9PB4EA	CS-E12PB4EA	CS-ME18PB4EA	CS-ME21PB4EA	CS-E18RB4EAW	CS-E21RB4EAW
Panel			CZ-BT20E	CZ-BT20E	CZ-BT20E	CZ-BT20E	CZ-BT20E	CZ-BT20E
Cooling capacity	Nominal	kW / kCal/h	2,50 / 2.150	3,40 / 2.920	5,00 / 4.300	6,00 / 5.160	5,00 / 4.300	5,90 / 5.070
Heating capacity	Nominal	kW / kCal/h	3,20 / 2.752	4,50 / 3.870	6,80 / 5.850	8,50 / 7.310	5,60 / 4.820	7,00 / 6.020
Connection		mm²	4 x 1,5 to 2,5	4 x 1,5 to 2,5	4 x 1,5	4 x 1,5	4 x 1,5 to 2,5	4 x 1,5 to 2,5
Sound pressure level[1]	Cooling (Hi / Lo / S-Lo)	dB(A)	34 / 26 / 23	34 / 26 / 23	36 / 28 / 25	41 / 33 / 30	37 / 28 / 25	42 / 33 / 30
	Heating (Hi / Lo / S-Lo)	dB(A)	35 / 28 / 25	35 / 28 / 25	37 / 29 / 26	42 / 34 / 31	38 / 29 / 26	43 / 34 / 31
Sound power level	Cooling (Hi)	dB	50	50	49	54	53	58
	Heating (Hi)	dB	51	51	50	55	54	59
Dimensions (H x W x D)	Indoor	mm	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575	260 x 575 x 575
	Panel	mm	51 x 700 x 700	51 x 700 x 700	51 x 700 x 700	51 x 700 x 700	51 x 700 x 700	51 x 700 x 700
Net weight	Indoor / Panel	kg	18 / 2,5	18 / 2,5	18 (2,5)	18 (2,5)	18 (2,5)	18 (2,5)
Piping connections	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	Inch (mm)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)


INTERNET CONTROL READY: Optional: Internet connection with PAW-IR-WIFI-1.

Floor Console			2,8 kW	3,2 kW	5,0 kW
Indoor			CS-E9GFEW	CS-E12GFEW	CS-E18GFEW*
Cooling capacity	Nominal	kW / kCal/h	2,80 / 2.410	3,20 / 2.750	5,00 / 4.300
Heating capacity	Nominal	kW / kCal/h	4,00 / 3.440	4,50 / 3.870	6,80 / 5.850
Connection		mm²	4 x 1,5	4 x 1,5	4 x 1,5
Sound pressure level[1]	Cooling (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 28 / 24	44 / 36 / 32
	Heating (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 27 / 23	46 / 36 / 32
Sound power level	Cooling (Hi)	dB	54	55	60
	Heating (Hi)	dB	54	55	62
Dimensions	H x W x D	mm	600 x 700 x 210	600 x 700 x 210	600 x 700 x 210[1]
Net weight		kg	14	14	14
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)

* Available June 2015. 1) Tentative.

Outdoor Multi combination model		Accessory needed
CS-XE7***	CU-2E15***	—
CS-E7***	CU-2E18***	
CS-XE9***	CU-3E18***	
CS-E9***	CU-4E23***	
CS-XE12***	CU-4E27***	
CS-E12***	CU-5E34***	
CS-E15***	CU-3E18***	CZ-MA1P
CS-XE18***	CU-4E23***	
CS-E18***	CU-4E27***	
	CU-5E34***	
CS-E21***	CU-4E23***	CZ-MA2P
	CU-4E27***	
	CU-5E34***	
CS-E24***	CU-4E27***	CZ-MA2P and CZ-MA3P
	CU-5E34***	

CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".
CZ-MA2P is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".
CZ-MA3P is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 2) The specification listed on the table indicates values under the condition of 29 Pa (3,0 mmAq) which are applied for factory default setting. Change switch on PCB from Hi to Shi to have more than 6,0 mmAq.
Specifications subject to change without notice.

Include on the indoor unit

INTERNET CONTROL READY and EASY CONTROL by BMS: Optional only for E9, E12 and E18.

Low Static Pressure Hide Away			2,5 kW	3,2 kW	5,0 kW	5,0 kW
Indoor			**CS-E9PD3EA**	**CS-E12QD3EAW**	**CS-ME18PD3EA**	**CS-E18RD3EAW**
Cooling capacity	Nominal	kW / kCal/h	2,50 / 2.150	3,4 / 2.920	5,00 / 4.300	5,10
Heating capacity	Nominal	kW / kCal/h	3,20 / 2.752	4,00 / 3.440	6,80 / 5.850	6,10
Connection		mm^2	4 x 1,5 to 2,5	4 x 1,5 to 2,5	4 x 1,5	
External static pressure[2]	S-Hi / Hi / Me / Lo	Pa	110 / 60 / 30 / 20	80 / 50 / 25 / 10	78 / 34	
Air volume	Cooling / Heating	m^3/h	414 / 486	558 / 624	624 / 528 / 444	180 / 180
Sound pressure level[1]	Cooling (Hi / Lo / S-Lo)	dB(A)	33 / 27 / 24	34 / 27 / 24	27 / 30 / 41	41 / 30 / 27
	Heating (Hi / Lo / S-Lo)	dB(A)	35 / 28 / 25	36 / 28 / 25	29 / 32 / 41	41 / 32 / 29
Sound power level	Cooling (Hi)	dB	49	49	57	57
	Heating (Hi)	dB	51	51	57	57
Dimensions	H x W x D	mm	235 x 750 x 370	235 x 750 x 370	285 x 750 (+65) x 370	200 x 750 x 640
Net weight		kg	17	17	18	19
Piping connections	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)

Outdoor Units for Free Multi combinations

5 year compressor warranty

CU-2E15PBE

CU-2E18PBE

CU-3E18PBE

CU-4E23PBE

CU-4E27PBE

CU-5E34PBE

Outdoor Unit //Inverter+			3,2 to 5,6 kW	3,2 to 6,4 kW	4,5 to 9,0 kW	4,5 to 11,0 kW	4,5 to 13,6 kW	4,5 to 17,5 kW
Unit			**CU-2E15PBE**	**CU-2E18PBE**	**CU-3E18PBE**	**CU-4E23PBE**	**CU-4E27PBE**	**CU-5E34PBE**
Cooling capacity	Nominal (Min - Max)	kW	4,50 (1,50 - 5,20)	5,20 (1,50 - 5,40)	5,20 (1,80-7,30)	6,80 (1,90 - 8,80)	8,00 (3,00 - 9,20)	10,00 (2,9 - 11,5)
	Nominal (Min - Max)	kCal/h	3.870 (1.290 - 4.470)	4.472 (1.290 - 4.644)	4.470 (1.548-6.278)	5.850 (1.630 - 7.570)	6.880 (2.580 - 7.912)	8.600 (2.494 - 9.890)
EER	Nominal	W/W	3.66 (6.00 - 3.42) **A**	3.42 (6.00 - 3.42) **A**	4.33 (5.00 - 3.35) **A**	4.05 (5.59 - 3.56) **A**	4.04 (5.66 - 3.21) **A**	3.5 (5.27 - 2.98) **A**
SEER	**Nominal**	**W/W**	**6,50** A++	**6,50** A++	**7,00** A++	**7,00** A++	**7,00** A++	**6,50** A++
Pdesign (cooling)			**4,50**	**5,20**	**5,20**	**6,80**	**8,00**	**10,00**
Power input cooling	Nominal (Min - Max)	kW	1,230 (0,250 - 1,520)	1,490 (0,250 - 1,540)	1,210 (0,360-2,180)	1,680 (0,340 - 2,470)	1,980 (0,530 - 2,870)	2,860 (0,550 - 3,860)
Annual electricity consumption (cooling)		kWh/a	242	280	260	340	400	538
Heating capacity	Nominal (Min - Max)	kW	5,40 (1,10 - 7,00)	5,60 (1,10 - 7,20)	6,80 (1,60-8,30)	8,50 (3,00 - 10,60)	9,40 (4,20 - 10,60)	12,00 (3,40 - 14,50)
	Nominal (Min - Max)	kCal/h	4.640 (950 - 6.020)	4.820 (950 - 6.190)	5.850 (1.200-7.140)	7.130 (2.580 - 9.120)	8.084 (3.612 - 9.116)	10.320 (2.924 - 12.470)
Heating capacity at -7°C	Nominal	kW	3,54	3,65	4,90	6,05	7,08	8,85
COP	Nominal	W/W	4.62 (5.24 - 4.19) **A**	4.63 (4.24 - 5.24) **A**	4.69 (3.93 - 5.00) **A**	4.47 (4.08 - 5.17) **A**	4.52 (6.00 - 3.46) **A**	4.20 (6.42 - 3.42) **A**
SCOP	**Nominal**	**W/W**	**4,00** A+	**4,00** A+	**4,00** A+	**4,00** A+	**4,00** A+	**4,00** A+
Pdesign at -10°C		kW	**4,00**	**3,80**	**4,80**	**5,50**	**8,00**	**10,00**
Power input heating	Nominal (Min - Max)	kW	1,170 (0,210 - 1,670)	1,300 (0,240 - 1,700)	1,450 (0,320 - 2,110)	1,850 (0,580 - 2,600)	2,080 (0,700 - 3,060)	2,860 (0,530 - 4,240)
Annual electricity consumption (heating)		kWh/a	1.400	1.330	1.680	1.925	2.800	3.500
Current	Cooling	A	5,75	7,10	5,30	7,50	9,40	13,20
	Heating	A	5,20	5,35	6,70	8,80	9,80	13,40
Power source		V	230	230	230	230	230	230
Recommended fuse		A	16	16	16	20	20	25
Recommended power cable section		mm^2	1,5	1,5	2,5	2,5	2,5	3,5
Sound pressure level[1]	Cooling / Heating (Hi)	dB(A)	47 / 49	49 / 51	46 / 47	48 / 49	51 / 52	53 / 54
Sound power level	Cooling / Heating (Hi)	dB	62 / 64	64 / 66	60 / 61	62 / 63	67 / 68	69 / 70
Dimensions	H x W x D	mm	619 x 824 +70 x 299	619 x 824 x 229	795 x 875 (+95) x 320	795 x 875 (+95) x 320	999 x 940 x 340	999 x 940 x 340
Net weight		kg	39	39	71	72	80	81
Piping connections	Liquid pipe	inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	inch (mm)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)
Refrigerant loading	R410A	kg	1,40	1,40	2,64	2,64	3,4	3,4
Elevation diff. (in/out)	Max	m	10	10	15	15	15	15
Piping length total	Min / Max	m	3 / 30	3 / 30	3 / 50	60	80	80
Piping length to one unit	Min / Max	m	3 / 20	3 / 20	3 / 25	3 / 25	3 / 25	3 / 25
Precharge length		m (Max)	20	20	30	30	45	45
Additional charge		g/m	15	15	20	20	20	20
Operating range	Cooling Min/Max	°C	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46
	Heating Min/Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

Minimum quantity of connection: 2 indoor units. For detailed information about ErP, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Free Multi combinations table

Free Multi 2x1 CU-2E15PBE. Minimum capacity connected: 3,2 kW. Maximum capacity connected: 5,6 kW

Indoor unit capacity	Cooling capacity (kW)			EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW)			COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
1 Room																			
5	1,60		1,60 (1,10 - 2,30)	3,90 **A**			410 (220 - 600)	205	1,95	1,0	2,60		2,60 (0,70 - 3,80)	3,77 **A**			690 (170 - 1.110)	345	3,05
7	2,00		2,00 (1,10 - 2,90)	3,85 **A**			520 (220 - 750)	260	2,45	1,3	3,20		3,20 (0,70 - 4,80)	3,76 **A**			850 (170 - 1.410)	425	3,75
9[1]	2,50		2,50 (1,10 - 3,50)	3,73 **A**			670 (220 - 1.000)	335	3,15	1,5	3,60		3,60 (0,70 - 5,50)	3,50 **B**			1.030 (170 - 1.700)	515	4,55
9[2]	2,80		2,80 (1,10 - 3,50)	3,73 **A**			750 (220 - 1.000)	375	3,50	1,6	4,00		4,00 (0,70 - 5,50)	3,48 **B**			1.150 (170 - 1.700)	575	5,10
12	3,20		3,20 (1,10 - 4,00)	3,48 **A**			920 (220 - 1.220)	460	4,30	1,8	4,50		4,50 (0,70 - 6,20)	3,60 **B**			1.250 (170 - 1.810)	625	5,55
2 Rooms																			
5 + 5	1,60	1,60	3,20 (1,50 - 4,00)	3,76 **A**			850 (250 - 1.100)	425	4,00	1,0 + 1,0	2,60	2,60	5,40 (1,10 - 7,00)	4,60 **A**			1.130 (210 - 1.710)	565	5,00
5 + 7	1,60	2,00	3,60 (1,50 - 4,50)	3,71 **A**			970 (250 - 1.280)	485	4,55	1,0 + 1,3	2,40	3,00	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
5 + 9[1]	1,60	2,50	4,10 (1,50 - 5,10)	3,63 **A**			1.130 (250 - 1.480)	565	5,30	1,0 + 1,5	2,11	3,29	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
5 + 9[2]	1,60	2,80	4,40 (1,50 - 5,20)	3,61 **A**			1.220 (250 - 1.520)	610	5,70	1,0 + 1,6	1,96	3,44	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
5 + 12	1,50	3,00	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,0 + 1,7	1,80	3,60	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
7 + 7	2,00	2,00	4,00 (1,50 - 5,00)	3,67 **A**			1.090 (250 - 1.460)	545	5,10	1,3 + 1,3	2,70	2,70	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
7 + 9[1]	2,00	2,50	4,50 (1,50 - 5,20)	3,66 **A**	6,50 A+++[3]	4,50	1.230 (250 - 1.520)	242	5,75	1,3 + 1,5	2,40	3,00	5,40 (1,10 - 7,00)	4,62 **A**	4,00 A+[3]	4,00	1.170 (210 - 1.670)	1.400	5,20
7 + 9[2]	1,85	2,65	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,2 + 1,6	2,25	3,15	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
7 + 12	1,75	2,75	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,1 + 1,6	2,10	3,30	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
9[1] + 9[1]	2,25	2,25	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	242	5,75	1,5 + 1,5	2,70	2,70	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	1.400	5,20
9[1] + 9[2]	2,10	2,40	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,4 + 1,5	2,55	2,85	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
9[2] + 9[2]	2,25	2,25	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,5 + 1,5	2,70	2,70	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20

1) For Etherea, 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.
* Data for not simultaneous operation.

Free Multi 2x1 CU-2E18PBE. Minimum capacity connected: 3,2 kW. Maximum capacity connected: 6,4 kW

Indoor unit capacity	Cooling capacity (kW)			EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW)			COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
1 Room																			
5	1,60		1,60 (1,10 - 2,30)	3,90 **A**			410 (220 - 600)	205	1,95	1,0	2,60		2,60 (0,70 - 3,80)	3,77 **A**			690 (170 - 1.110)	345	3,05
7	2,00		2,00 (1,10 - 2,90)	3,85 **A**			520 (220 - 750)	260	2,45	1,3	3,20		3,20 (0,70 - 4,80)	3,76 **A**			850 (170 - 1.410)	425	3,75
9[1]	2,50		2,50 (1,10 - 3,50)	3,73 **A**			670 (220 - 1.000)	335	3,15	1,5	3,60		3,60 (0,70 - 5,50)	3,50 **B**			1.030 (170 - 1.700)	515	4,55
9[2]	2,80		2,80 (1,10 - 3,50)	3,73 **A**			750 (220 - 1.000)	375	3,50	1,6	4,00		4,00 (0,70 - 5,50)	3,48 **B**			1.150 (170 - 1.700)	575	5,10
12	3,20		3,20 (1,10 - 4,00)	3,48 **A**			920 (220 - 1.220)	460	4,30	1,8	4,50		4,50 (0,70 - 6,20)	3,60 **B**			1.250 (170 - 1.810)	625	5,55
2 Rooms																			
5 + 5	1,60	1,60	3,20 (1,50 - 4,00)	3,76 **A**			850 (250 - 1.100)	425	4,00	1,0 + 1,0	2,60	2,60	5,20 (1,10 - 7,00)	4,60 **A**			1.130 (210 - 1.710)	565	5,00
5 + 7	1,60	2,00	3,60 (1,50 - 4,50)	3,71 **A**			970 (250 - 1.280)	485	4,55	1,0 + 1,3	2,40	3,00	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
5 + 9[1]	1,60	2,50	4,10 (1,50 - 5,10)	3,63 **A**			1.130 (250 - 1.480)	565	5,30	1,0 + 1,5	2,11	3,29	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
5 + 9[2]	1,60	2,80	4,40 (1,50 - 5,20)	3,61 **A**			1.220 (250 - 1.520)	610	5,70	1,0 + 1,6	1,96	3,44	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
5 + 12	1,50	3,00	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,0 + 1,7	1,80	3,60	5,40 (1,10 - 7,00)	4,58 **A**			1.180 (210 - 1.690)	590	5,25
7 + 7	2,00	2,00	4,00 (1,50 - 5,00)	3,67 **A**			1.090 (250 - 1.460)	545	5,10	1,3 + 1,3	2,70	2,70	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
7 + 9[1]	2,00	2,50	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,3 + 1,5	2,40	3,00	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
7 + 9[2]	1,85	2,65	4,50 (1,50 - 5,20)	3,66 **A**			1.230 (250 - 1.520)	615	5,75	1,2 + 1,6	2,25	3,15	5,40 (1,10 - 7,00)	4,62 **A**			1.170 (210 - 1.670)	585	5,20
7 + 12	2,00	3,20	4,80 (1,50 - 5,30)	3,42 **A**	6,50 A+++[3]	5,20	1.520 (250 - 1.580)	280	7,10	1,3 + 1,8	2,15	3,45	5,60 (1,10 - 7,20)	4,63 **A**	4,0 A+[3]	4,20	1.210 (210 - 1.700)	1.470	5,35
9[1] + 9[1]	2,50	2,50	4,80 (1,50 - 5,20)	3,47 **A**			1.440 (250 - 1.520)	720	6,70	1,5 + 1,5	2,80	2,80	5,60 (1,10 - 7,20)	4,63 **A**			1.210 (210 - 1.700)	605	5,35
9[1] + 9[2]	2,45	2,75	4,80 (1,50 - 5,20)	3,42 **A**	6,50 A+++[3]	5,20	1.520 (250 - 1.580)	280	7,10	1,5 + 1,6	2,65	2,95	5,60 (1,10 - 7,20)	4,63 **A**	4,0 A+[3]	4,20	1.210 (210 - 1.700)	1.470	5,35
9[1] + 12	2,30	2,90	5,00 (1,50 - 5,30)	3,42 **A**			1.520 (250 - 1.580)	760	7,10	1,5 + 1,7	2,45	3,15	5,60 (1,10 - 7,20)	4,63 **A**			1.210 (210 - 1.700)	605	5,35
9[2] + 9[2]	2,60	2,60	4,80 (1,50 - 5,20)	3,42 **A**			1.520 (250 - 1.580)	760	7,10	1,6 + 1,6	2,80	2,80	5,60 (1,10 - 7,20)	4,63 **A**			1.210 (210 - 1.700)	605	5,35
9[2] + 12	2,45	2,75	5,00 (1,50 - 5,30)	3,42 **A**			1.520 (250 - 1.580)	760	7,10	1,5 + 1,6	2,60	3,00	5,60 (1,10 - 7,20)	4,63 **A**			1.210 (210 - 1.700)	605	5,35
12 + 12	2,60	2,60	5,20 (1,50 - 5,40)	3,42 **A**			1.520 (250 - 1.580)	760	7,10	1,6 + 1,6	2,80	2,80	5,60 (1,10 - 7,20)	4,63 **A**			1.210 (210 - 1.700)	605	5,35

1) For Etherea, 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.
* Data for not simultaneous operation.

Free Multi 3x1 CU-3E18PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 9,0 kW

Indoor unit capacity	Cooling capacity (kW)				EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW)				COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
1 Room																					
5	1,60			1,60 (1,30 - 2,30)	4,00 **A**			400 (250 - 640)	200	2,00	1,0	2,60			2,60 (1,20 - 3,20)	4,33 **A**			600 (300 - 960)	300	3,00
7	2,00			2,00 (1,80 - 2,90)	4,00 **A**			500 (340 - 810)	250	2,50	1,3	3,20			3,20 (1,20 - 4,10)	4,32 **A**			740 (300 - 1.230)	370	3,70
9[1]	2,50			2,50 (1,80 - 2,90)	3,97 **A**			630 (340 - 810)	315	3,00	1,5	3,60			3,60 (1,20 - 4,30)	3,83 **A**			940 (300 - 1.230)	470	4,50
9[2]	2,80			2,80 (1,80 - 2,90)	4,00 **A**			700 (340 - 810)	350	3,30	1,6	4,00			4,00 (1,20 - 4,30)	3,81 **A**			1.050 (300 - 1.230)	525	5,20
12	3,20			3,20 (1,80 - 3,80)	4,00 **A**			800 (340 - 1.360)	400	3,70	1,8	4,50			4,50 (1,20 - 5,80)	3,66 **A**			1.230 (300 - 2.100)	615	5,80
15	4,00			4,00 (1,80 - 4,30)	3,23 **A**			1.240 (340 - 1.990)	620	5,60	2,3	5,60			5,60 (1,20 - 6,80)	3,26 **C**			1.720 (300 - 2.930)	860	7,70
18	5,00			5,00 (1,90 - 5,70)	3,23 **A**			1.550 (340 - 2.130	775	6,80	2,7	6,80			6,80 (1,20 - 6,90)	3,24 **C**			2.100 (300 - 2.520)	1050	9,20
2 Rooms																					
5 + 5	1,60	1,60		3,20 (1,80 - 6,20)	4,92 **A**			650 (330 - 2.090)	325	3,00	1,0 + 1,0	2,60	2,60		5,20 (1,40 - 7,00)	4,19 **A**			1.240 (340 - 1.930)	620	5,70
5 + 7	1,60	2,00		3,60 (1,80 - 6,20)	4,50 **A**			800 (330 - 2.050)	400	3,70	1,0 + 1,3	2,49	3,11		5,60 (1,40 - 7,00)	4,12 **A**			1.360 (330 - 1.900)	680	6,30
5 + 9[1]	1,60	2,50		4,10 (1,80 - 6,20)	4,27 **A**			960 (330 - 2.050)	480	4,30	1,0 + 1,5	2,42	3,78		6,20 (1,40 - 7,00)	4,03 **A**			1.540 (330 - 1.900)	770	7,10
5 + 9[2]	1,60	2,80		4,40 (1,80 - 6,20)	4,00 **A**			1.100 (330 - 2.050)	550	4,90	1,0 + 1,6	2,33	4,07		6,40 (1,40 - 7,00)	3,98 **A**			1.610 (330 - 1.900)	805	7,40
5 + 12	1,60	3,20		4,80 (1,80 - 6,30)	3,72 **A**			1.290 (330 - 2.060)	645	5,70	1,0 + 1,8	2,13	4,27		6,40 (1,40 - 7,30)	4,10 **A**			1.560 (310 - 1.990)	780	7,20
5 + 15	1,49	3,71		5,20 (1,90 - 6,40)	3,51 **A**			1.480 (350 - 2.100)	740	6,50	0,9 + 2,2	1,94	4,86		6,80 (1,40 - 7,30)	4,05 **A**			1.680 (310 - 1.980)	840	7,80
5 + 18	1,26	3,94		5,20 (1,90 - 6,80)	4,06 **A**			1.280 (340 - 2.040)	640	5,60	0,8 + 2,3	1,65	5,15		6,80 (1,40 - 8,00)	4,42 **A**			1.540 (240 - 2.090)	770	7,10
7 + 7	2,00	2,00		4,00 (1,80 - 6,20)	4,30 **A**			930 (330 - 2.010)	465	4,20	1,3 + 1,3	2,90	2,90		5,80 (1,40 - 7,00)	4,20 **A**			1.380 (320 - 1.890)	690	6,40
7 + 9[1]	2,00	2,50		4,50 (1,80 - 6,20)	3,95 **A**			1.140 (330 - 2.010)	570	5,10	1,3 + 1,5	2,84	3,56		6,40 (1,40 - 7,00)	4,00 **A**			1.600 (320 - 1.890)	800	7,40
7 + 9[2]	2,00	2,80		4,80 (1,80 - 6,20)	3,72 **A**			1.290 (330 - 2.010)	645	5,70	1,3 + 1,6	2,67	3,73		6,40 (1,40 - 7,00)	4,00 **A**			1.600 (320 - 1.890)	800	7,40
7 + 12	2,00	3,20		5,20 (1,80 - 6,30)	3,51 **A**	6,40 A++[3]	5,20	1.480 (330 - 2.020)	260	6,50	1,3 + 1,8	2,62	4,18		6,80 (1,40 - 7,30)	4,05 **A**	3,80 A+[3]	4,80	1.680 (310 - 1.980)	1.680	7,80
7 + 15	1,73	3,47		5,20 (1,90 - 6,40)	3,61 **A**			1.440 (350 - 2.060)	720	6,30	1,1 + 2,0	2,27	4,53		6,80 (1,40 - 7,30)	4,05 **A**			1.680 (280 - 1.940)	840	7,80
7 + 18	1,49	3,71		5,20 (1,90 - 6,80)	4,06 **A**			1.280 (340 - 2.040)	640	5,60	0,9 + 2,2	1,94	4,86		6,80 (1,40 - 8,00)	4,44 **A**			1.530 (240 - 2.080)	765	7,10
9[1] + 9[1]	2,50	2,50		5,00 (1,80 - 6,20)	3,57 **A**			1.400 (330 - 2.010)	700	6,10	1,5 + 1,5	3,40	3,40		6,80 (1,40 - 7,00)	3,93 **A**			1.730 (320 - 1.890)	865	8,00
9[1] + 9[2]	2,45	2,75		5,20 (1,90 - 6,20)	3,42 **A**	6,40 A++[3]	5,20	1.520 (360 - 2.010)	760	6,70	1,5 + 1,6	3,21	3,59		6,80 (1,40 - 7,00)	3,93 **A**	3,80 A+[3]	4,80	1.730 (320 - 1.890)	1.680	8,00
9[1] + 12	2,28	2,92		5,20 (1,90 - 6,30)	3,51 **A**			1.480 (350 - 2.020)	740	6,50	1,5 + 1,7	2,98	3,82		6,80 (1,40 - 7,30)	4,05 **A**			1.680 (310 - 1.980)	840	7,80
9[1] + 15	2,00	3,20		5,20 (1,90 - 6,40)	3,61 **A**			1.440 (350 - 2.060)	720	6,30	1,3 + 1,8	2,62	4,18		6,80 (1,40 - 7,30)	4,05 **A**			1.680 (280 - 1.940)	840	7,80
9[1] + 18	1,73	3,47		5,20 (1,90 - 6,80)	4,06 **A**			1.280 (340 - 2.040)	640	5,60	1,1 + 2,0	2,27	4,53		6,80 (1,40 - 8,00)	4,44 **A**			1.530 (240 - 2.080)	765	7,10
9[2] + 9[2]	2,60	2,60		5,20 (1,90 - 6,20)	3,42 **A**			1.520 (360 - 2.010)	760	6,70	1,6 + 1,6	3,40	3,40		6,80 (1,40 - 7,00)	3,93 **A**			1.730 (320 - 1.890)	865	8,00
9[2] + 12	2,43	2,77		5,20 (1,90 - 6,30)	3,51 **A**			1.480 (350 - 2.020)	740	6,50	1,5 + 1,6	3,17	3,63		6,80 (1,40 - 7,30)	4,05 **A**			1.680 (310 - 1.980)	840	7,80
9[2] + 15	2,14	3,06		5,20 (1,90 - 6,40)	3,61 **A**			1.440 (350 - 2.060)	720	6,30	1,4 + 1,7	2,80	4,00		6,80 (1,40 - 7,30)	4,05 **A**			1.680 (280 - 1.940)	840	7,80
9[2] + 18	1,87	3,33		5,20 (1,90 - 6,80)	4,06 **A**			1.280 (340 - 2.040)	640	5,60	1,2 + 1,9	2,44	4,36		6,80 (1,40 - 8,00)	4,44 **A**			1.530 (240 - 2.080)	765	7,10
12 + 12	2,60	2,60		5,20 (1,90 - 6,40)	3,71 **A**			1.400 (350 - 2.020)	700	6,10	1,6 + 1,6	3,40	3,40		6,80 (1,40 - 7,50)	4,07 **A**			1.670 (270 - 2.000)	835	7,70
12 + 15	2,31	2,89		5,20 (1,90 - 6,50)	3,71 **A**			1.400 (350 - 2.070)	700	6,10	1,5 + 1,7	3,02	3,78		6,80 (1,40 - 7,50)	4,10 **A**			1.660 (260 - 2.000)	830	7,70
12 + 18	2,03	3,17		5,20 (1,90 - 6,90)	4,19 **A**			1.240 (360 - 2.040)	620	5,40	1,3 + 1,8	2,65	4,15		6,80 (1,40 - 8,00)	4,50 **A**			1.510 (240 - 2.020)	755	7,00
15 + 15	2,60	2,60		5,20 (1,90 - 6,50)	3,71 **A**			1.400 (350 - 2.070)	700	6,10	1,6 + 1,6	3,40	3,40		6,80 (1,40 - 7,60)	4,20 **A**			1.620 (260 - 2.030)	810	7,50
15 + 18	2,31	2,89		5,20 (1,90 - 6,90)	4,19 **A**			1.240 (360 - 2.040)	620	5,40	1,5 + 1,7	3,02	3,78		6,80 (1,40 - 8,00)	4,53 **A**			1.500 (240 - 2.020)	750	6,90
3 Rooms																					
5 + 5 + 5	1,60	1,60	1,60	4,80 (1,80 - 7,20)	4,57 **A**			1.050 (360 - 2.130)	525	4,70	1,0 + 1,0 + 1,0	2,26	2,26	2,26	6,78 (1,50 - 8,10)	4,64 **A**			1.460 (290 - 2.040)	730	6,70
5 + 5 + 7	1,60	1,60	2,00	5,20 (1,80 - 7,30)	4,33 **A**	7,00 A++[3]	5,20	1.200 (360 - 2.180)	260	5,30	1,0 + 1,0 + 1,3	2,09	2,09	2,62	6,80 (1,60 - 8,30)	4,69 **A**	4,00 A+[3]	4,80	1.450 (320 - 2.110)	1.680	6,70
5 + 5 + 9[1]	1,46	1,46	2,28	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,9 + 0,9 + 1,5	1,91	1,91	2,98	6,80 (1,60 - 8,30)	4,69 **A**			1.450 (320 - 2.110)	725	6,70
5 + 5 + 9[2]	1,39	1,39	2,42	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,9 + 0,9 + 1,5	1,81	1,81	3,18	6,80 (1,60 - 8,30)	4,69 **A**			1.450 (320 - 2.110)	725	6,70
5 + 5 + 12	1,30	1,30	2,60	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	0,8 + 0,8 + 1,6	1,70	1,70	3,40	6,80 (1,60 - 8,30)	4,76 **A**			1.430 (310 - 2.040)	715	6,60
5 + 5 + 15	1,16	1,16	2,88	5,20 (1,80 - 7,30)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,7 + 0,7 + 1,7	1,51	1,51	3,78	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.040)	710	6,60
5 + 5 + 18	1,01	1,01	3,18	5,20 (1,80 - 7,30)	4,64 **A**			1.120 (420 - 1.910)	560	5,00	0,7 + 0,7 + 1,8	1,33	1,33	4,14	6,80 (1,60 - 8,30)	5,15 **A**			1.320 (360 - 1.900)	660	6,10
5 + 7 + 7	1,48	1,86	1,86	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,9 + 1,2 + 1,2	1,94	2,43	2,43	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.060)	720	6,60
5 + 7 + 9[1]	1,36	1,70	2,14	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,9 + 1,1 + 1,4	1,78	2,23	2,79	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.060)	720	6,60
5 + 7 + 9[2]	1,30	1,63	2,27	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,8 + 1,0 + 1,5	1,69	2,13	2,98	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.060)	720	6,60
5 + 7 + 12	1,22	1,53	2,45	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.000)	600	5,30	0,8 + 1,0 + 1,5	1,60	2,00	3,20	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.040)	710	6,60
5 + 7 + 15	1,09	1,37	2,74	5,20 (1,80 - 7,30)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,7 + 0,9 + 1,6	1,43	1,79	3,58	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
5 + 7 + 18	0,97	1,21	3,02	5,20 (1,80 - 7,30)	4,64 **A**			1.120 (420 - 1.860)	560	5,00	0,7 + 0,8 + 1,7	1,27	1,58	3,95	6,80 (1,60 - 8,30)	5,19 **A**			1.310 (360 - 1.900)	655	6,00
5 + 9[1] + 9[1]	1,26	1,97	1,97	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,8 + 1,3 + 1,3	1,64	2,58	2,58	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.060)	720	6,60
5 + 9[1] + 9[2]	1,21	1,88	2,11	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,8 + 1,2 + 1,4	1,58	2,46	2,76	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.060)	720	6,60
5 + 9[1] + 12	1,14	1,78	2,28	5,20 (1,80 - 7,30)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,7 + 1,1 + 1,5	1,49	2,33	2,98	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.040)	710	6,60
5 + 9[1] + 15	1,03	1,60	2,57	5,20 (1,80 - 7,30)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,7 + 1,0 + 1,6	1,34	2,10	3,36	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
5 + 9[2] + 9[2]	1,16	2,02	2,02	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,7 + 1,3 + 1,3	1,52	2,64	2,64	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.060)	720	6,60
5 + 9[2] + 12	1,09	1,92	2,19	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.000)	600	5,30	0,7 + 1,2 + 1,4	1,43	2,51	2,86	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.040)	710	6,60
5 + 9[2] + 15	0,99	1,73	2,48	5,20 (1,80 - 7,30)	4,33 **A**			1.200 (390 - 2.090)	600	5,30	0,7 + 1,1 + 1,5	1,29	2,27	3,24	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
5 + 12 + 12	1,04	2,08	2,08	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.040)	580	5,10	0,7 + 1,3 + 1,3	1,36	2,72	2,72	6,80 (1,60 - 8,30)	4,86 **A**			1.400 (320 - 2.010)	700	6,50
5 + 12 + 15	0,95	1,89	2,36	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.040)	580	5,10	0,7 + 1,2 + 1,5	1,24	2,47	3,09	6,80 (1,60 - 8,30)	4,86 **A**			1.400 (320 - 2.000)	700	6,50
7 + 7 + 7	1,73	1,73	1,73	5,19 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,1 + 1,1 + 1,1	2,26	2,26	2,26	6,78 (1,60 - 8,30)	4,71 **A**			1.440 (310 - 2.050)	720	6,60
7 + 7 + 9[1]	1,60	1,60	2,00	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,0 + 1,0 + 1,3	2,09	2,09	2,62	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
7 + 7 + 9[2]	1,53	1,53	2,14	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,0 + 1,0 + 1,4	2,00	2,00	2,80	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
7 + 7 + 12	1,44	1,44	2,32	5,20 (1,90 - 7,20)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	0,9 + 0,9 + 1,5	1,89	1,89	3,02	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
7 + 7 + 15	1,30	1,30	2,60	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.040)	580	5,10	0,8 + 0,8 + 1,6	1,70	1,70	3,40	6,80 (1,60 - 8,30)	4,82 **A**			1.410 (320 - 2.020)	705	6,50
7 + 7 + 18	1,16	1,16	2,88	5,20 (1,80 - 7,30)	4,64 **A**			1.120 (420 - 1.860)	560	5,00	0,7 + 0,7 + 1,7	1,51	1,51	3,78	6,80 (1,60 - 8,30)	5,19 **A**			1.310 (360 - 1.890)	655	6,00
7 + 9[1] + 9[1]	1,48	1,86	1,86	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	0,9 + 1,2 + 1,2	1,94	2,43	2,43	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
7 + 9[1] + 9[2]	1,42	1,78	2,00	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	0,9 + 1,1 + 1,3	1,86	2,33	2,61	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
7 + 9[1] + 12	1,35	1,69	2,16	5,20 (1,90 - 7,20)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	0,9 + 1,1 + 1,4	1,76	2,21	2,83	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
7 + 9[1] + 15	1,22	1,53	2,45	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.040)	580	5,10	0,8 + 1,0 + 1,5	1,60	2,00	3,20	6,80 (1,60 - 8,30)	4,82 **A**			1.410 (320 - 2.020)	705	6,50
7 + 9[2] + 9[2]	1,36	1,92	1,92	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	0,9 + 1,2 + 1,2	1,78	2,51	2,51	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
7 + 9[2] + 12	1,30	1,82	2,08	5,20 (1,90 - 7,20)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	0,8 + 1,2 + 1,3	1,70	2,38	2,72	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
7 + 9[2] + 15	1,18	1,65	2,37	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.040)	580	5,10	0,7 + 1,1 + 1,5	1,55	2,16	3,09	6,80 (1,60 - 8,30)	4,82 **A**			1.410 (320 - 2.020)	705	6,50
7 + 12 + 12	1,24	1,98	1,98	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	0,8 + 1,3 + 1,3	1,62	2,59	2,59	6,80 (1,60 - 8,30)	4,86 **A**			1.400 (320 - 2.000)	700	6,50
9[1] + 9[1] + 9[1]	1,73	1,73	1,73	5,19 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,1 + 1,1 + 1,1	2,26	2,26	2,26	6,78 (1,60 - 8,30)	4,71 **A**			1.440 (310 - 2.050)	720	6,60
9[1] + 9[1] + 9[2]	1,67	1,67	1,86	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,1 + 1,1 + 1,2	2,18	2,18	2,44	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
9[1] + 9[1] + 12	1,59	1,59	2,02	5,20 (1,90 - 7,20)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	1,0 + 1,0 + 1,3	2,07	2,07	2,66	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
9[1] + 9[1] + 15	1,44	1,44	2,32	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.040)	580	5,10	0,9 + 0,9 + 1,5	1,89	1,89	3,02	6,80 (1,60 - 8,30)	4,82 **A**			1.410 (320 - 2.020)	705	6,50
9[1] + 9[2] + 9[2]	1,60	1,80	1,80	5,20 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,0 + 1,2 + 1,2	2,10	2,35	2,35	6,80 (1,60 - 8,30)	4,72 **A**			1.440 (310 - 2.050)	720	6,60
9[1] + 9[2] + 12	1,53	1,71	1,96	5,20 (1,90 - 7,20)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	1,0 + 1,1 + 1,3	2,00	2,24	2,56	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60
9[1] + 12 + 12	1,46	1,87	1,87	5,20 (1,80 - 7,30)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	0,9 + 1,2 + 1,2	1,92	2,44	2,44	6,80 (1,60 - 8,30)	4,86 **A**			1.400 (320 - 2.000)	700	6,50
9[2] + 9[2] + 9[2]	1,73	1,73	1,73	5,19 (1,90 - 7,20)	4,33 **A**			1.200 (390 - 2.040)	600	5,30	1,1 + 1,1 + 1,1	2,26	2,26	2,26	6,78 (1,60 - 8,30)	4,71 **A**			1.440 (310 - 2.050)	720	6,60
9[2] + 9[2] + 12	1,65	1,65	1,90	5,20 (1,90 - 7,20)	4,48 **A**			1.160 (390 - 2.000)	580	5,10	1,1 + 1,1 + 1,2	2,16	2,16	2,48	6,80 (1,60 - 8,30)	4,79 **A**			1.420 (310 - 2.030)	710	6,60

1) For Etherea, 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.
* Data for not simultaneous operation.

Free Multi combinations table

Free Multi 4x1 CU-4E23PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 11,0 kW																							
Indoor unit capacity	Cooling capacity (kW)					EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW) Rooms					COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
1 Room																							
5	1,60				1,60 (1,30 - 2,30)	4,00 A			400 (250 - 640)	200	2,00	1,00	2,60				2,60 (1,20 - 3,20)	4,33 A			600 (300 - 960)	300	3,00
7	2,00				2,00 (1,80 - 2,90)	4,00 A			500 (340 - 810)	250	2,50	1,30	3,20				3,20 (1,20 - 4,10)	4,32 A			740 (300 - 1.230)	370	3,70
9[1]	2,50				2,50 (1,80 - 2,90)	3,97 A			630 (340 - 810)	315	3,20	1,50	3,60				3,60 (1,20 - 4,30)	3,83 A			940 (300 - 1.230)	470	4,70
9[2]	2,80				2,80 (1,80 - 2,90)	4,00 A			700 (340 - 810)	350	3,50	1,60	4,00				4,00 (1,20 - 4,30)	3,81 A			1.050 (300 - 1.230)	525	5,20
12	3,20				3,20 (1,80 - 3,80)	4,00 A			800 (340 - 1.360)	400	3,90	1,80	4,50				4,50 (1,20 - 5,80)	3,66 A			1.230 (300 - 2.100)	615	6,00
15	4,00				4,00 (1,80 - 4,30)	3,23 A			1.240 (340 - 1.990)	620	5,80	2,30	5,60				5,60 (1,20 - 6,80)	3,26 C			1.720 (300 - 2.930)	860	8,00
18	5,00				5,00 (1,90 - 5,70)	3,23 A			1.550 (340 - 2.130)	775	7,20	2,70	6,80				6,80 (1,20 - 6,90)	3,24 C			2.100 (300 - 2.520)	1.050	9,70
21	6,00				6,00 (1,90 - 6,20)	2,96 C			2.030 (340 - 2.330)	1.015	9,20	3,30	8,50				8,50 (1,30 - 9,0)	3,54 B			2.400 (620 - 2.530)	1.200	11,10
2 Rooms																							
5 + 5	1,60	1,60			3,20 (1,90 - 6,40)	5,08 A			630 (270 - 2.010)	315	3,00	1,00 + 1,00	2,60	2,60			5,20 (2,70 - 9,80)	4,00 A			1.300 (660 - 2.920)	650	6,10
5 + 7	1,60	2,00			3,60 (1,90 - 6,40)	4,68 A			770 (270 - 1.970)	385	3,60	1,00 + 1,30	2,58	3,22			5,80 (2,70 - 9,80)	3,92 A			1.480 (650 - 2.920)	740	6,90
5 + 9[1]	1,60	2,50			4,10 (1,90 - 6,40)	4,41 A			930 (270 - 1.970)	465	4,20	1,00 + 1,50	2,38	3,72			6,10 (2,70 - 9,80)	3,86 A			1.580 (650 - 2.920)	790	7,40
5 + 9[2]	1,60	2,80			4,40 (1,90 - 6,40)	4,11 A			1.070 (270 - 1.970)	535	4,80	1,00 + 1,60	2,22	3,88			6,10 (2,70 - 9,80)	3,86 A			1.580 (650 - 2.920)	790	7,40
5 + 12	1,60	3,20			4,80 (1,90 - 6,90)	3,87 A			1.240 (270 - 2.360)	620	5,50	1,00 + 1,80	2,13	4,27			6,40 (2,70 - 9,90)	3,95 A			1.620 (630 - 2.930)	810	7,50
5 + 15	1,60	4,00			5,60 (1,90 - 6,90)	3,33 A			1.680 (270 - 2.320)	840	7,50	1,00 + 2,30	2,29	5,71			8,00 (2,70 - 9,90)	3,60 A			2.220 (630 - 2.930)	1.110	10,20
5 + 18	1,60	5,00			6,60 (2,00 - 7,50)	3,24 A			2.040 (280 - 2.400)	1.020	9,00	1,00 + 2,70	2,06	6,44			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.900)	1.130	10,40
5 + 21	1,43	5,37			6,80 (2,00 - 7,50)	3,12 B			2.180 (280 - 2.400)	1.090	9,60	0,90 + 2,90	1,79	6,71			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.900)	1.130	10,40
7 + 7	2,00	2,00			4,00 (1,90 - 6,40)	4,44 A			900 (270 - 1.940)	450	4,10	1,30 + 1,30	2,90	2,90			5,80 (2,70 - 9,80)	4,03 A			1.440 (640 - 2.930)	720	6,70
7 + 9[1]	2,00	2,50			4,50 (1,90 - 6,40)	4,09 A			1.100 (270 - 1.940)	550	4,90	1,30 + 1,50	2,71	3,39			6,10 (2,70 - 9,80)	3,89 A			1.570 (640 - 2.930)	785	7,30
7 + 9[2]	2,00	2,80			4,80 (1,90 - 6,40)	3,87 A			1.240 (270 - 1.940)	620	5,50	1,30 + 1,60	2,67	3,73			6,40 (2,70 - 9,80)	3,83 A			1.670 (640 - 2.930)	835	7,80
7 + 12	2,00	3,20			5,20 (1,90 - 6,90)	3,61 A			1.440 (270 - 2.320)	720	6,40	1,30 + 1,80	2,69	4,31			7,00 (2,70 - 9,90)	3,76 A			1.860 (630 - 2.930)	930	8,60
7 + 15	2,00	4,00			6,00 (1,90 - 6,90)	3,17 B			1.890 (270 - 2.280)	945	8,30	1,30 + 2,30	2,73	5,47			8,20 (2,70 - 9,90)	3,58 B			2.290 (620 - 2.930)	1.145	10,60
7 + 18	1,94	4,86			6,80 (2,00 - 7,50)	3,12 B	5,80 A+[3]	6,80	2.180 (280 - 2.350)	340	9,60	1,30 + 2,60	2,43	6,07			8,50 (2,80 - 10,20)	3,76 A	3,80 A[3]	5,50	2.260 (560 - 2.890)	1.925	10,40
7 + 21	1,70	5,10			6,80 (2,00 - 7,50)	3,12 B			2.180 (280 - 2.350)	1.090	9,60	1,10 + 2,80	2,12	6,38			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.890)	1.130	10,40
9[1] + 9[1]	2,50	2,50			5,00 (1,90 - 6,80)	3,68 A			1.360 (270 - 2.310)	680	6,00	1,50 + 1,50	3,20	3,20			6,40 (2,70 - 9,80)	3,83 A			1.670 (640 - 2.930)	835	7,80
9[1] + 9[2]	2,50	2,80			5,30 (1,90 - 6,80)	3,51 A			1.510 (270 - 2.310)	755	6,70	1,50 + 1,60	3,30	3,70			7,00 (2,70 - 9,80)	3,74 A			1.870 (640 - 2.930)	935	8,60
9[1] + 12	2,50	3,20			5,70 (1,90 - 6,90)	3,31 A			1.720 (270 - 2.320)	860	7,60	1,50 + 1,80	3,55	4,55			8,10 (2,70 - 9,90)	3,60 B			2.250 (630 - 2.930)	1.125	10,40
9[1] + 15	2,50	4,00			6,50 (1,90 - 6,90)	2,81 C			2.310 (270 - 2.280)	1.155	10,10	1,50 + 2,30	3,27	5,23			8,50 (2,70 - 9,90)	3,48 B			2.440 (620 - 2.930)	1.220	11,30
9[1] + 18	2,27	4,53			6,80 (1,90 - 7,50)	3,12 B			2.180 (260 - 2.350)	1.090	9,60	1,50 + 2,50	2,83	5,67			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.890)	1.130	10,40
9[1] + 21	2,00	4,80			6,80 (1,90 - 7,50)	3,12 B			2.180 (260 - 2.350)	1.090	9,60	1,30 + 2,60	2,50	6,00			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.890)	1.130	10,40
9[2] + 9[2]	2,80	2,80			5,60 (1,90 - 6,80)	3,26 A			1.720 (270 - 2.310)	860	7,60	1,60 + 1,60	4,00	4,00			8,00 (2,70 - 9,80)	3,54 B			2.260 (640 - 2.930)	1.130	10,40
9[2] + 12	2,80	3,20			6,00 (1,90 - 6,90)	3,09 B			1.940 (270 - 2.320)	970	8,50	1,60 + 1,80	3,97	4,53			8,50 (2,70 - 9,90)	3,48 B			2.440 (630 - 2.930)	1.220	11,30
9[2] + 15	2,80	4,00			6,80 (1,90 - 6,90)	2,57 E	5,60 A+[3]	6,80	2.650 (270 - 2.280)	340	11,60	1,60 + 2,30	3,50	5,00			8,50 (2,70 - 9,90)	3,48 B	3,80 A[3]	5,50	2.440 (620 - 2.930)	1.925	11,30
9[2] + 18	2,44	4,36			6,80 (1,90 - 7,50)	3,12 B			2.180 (260 - 2.350)	1.090	9,60	1,50 + 2,40	3,05	5,45			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.890)	1.130	10,40
9[2] + 21	2,16	4,64			6,80 (1,90 - 7,50)	3,12 B			2.180 (260 - 2.350)	1.090	9,60	1,40 + 2,50	2,70	5,80			8,50 (2,80 - 10,20)	3,76 A			2.260 (560 - 2.890)	1.130	10,40
12 + 12	3,20	3,20			6,40 (1,90 - 7,00)	2,95 C			2.170 (270 - 2.280)	1.085	9,50	1,80 + 1,80	4,25	4,25			8,50 (2,80 - 10,00)	3,56 B			2.390 (640 - 2.930)	1.195	11,00
12 + 15	3,02	3,78			6,80 (1,90 - 7,10)	2,71 D			2.510 (270 - 2.370)	1.255	11,00	1,70 + 2,20	3,78	4,72			8,50 (2,80 - 10,00)	3,56 B			2.390 (600 - 2.930)	1.195	11,00
12 + 18	2,65	4,15			6,80 (2,00 - 7,60)	3,25 A			2.090 (280 - 2.360)	1.045	9,20	1,60 + 2,40	3,32	5,18			8,50 (2,80 - 10,30)	3,86 A			2.200 (540 - 2.880)	1.100	10,10
12 + 21	2,37	4,43			6,80 (2,00 - 7,60)	3,25 A			2.090 (280 - 2.360)	1.045	9,20	1,50 + 2,50	2,96	5,54			8,50 (2,80 - 10,30)	3,86 A			2.200 (540 - 2.880)	1.100	10,10
15 + 15	3,40	3,40			6,80 (1,90 - 7,10)	2,71 D			2.510 (260 - 2.330)	1.255	11,00	1,90 + 1,90	4,25	4,25			8,50 (2,80 - 10,00)	3,57 B			2.380 (600 - 2.890)	1.190	11,00
15 + 18	3,02	3,78			6,80 (2,00 - 7,60)	3,25 A			2.090 (280 - 2.310)	1.045	9,20	1,70 + 2,20	3,78	4,72			8,50 (2,80 - 10,30)	3,88 A			2.190 (540 - 2.870)	1.095	10,10
15 + 21	2,72	4,08			6,80 (2,00 - 7,60)	3,25 A			2.090 (280 - 2.310)	1.045	9,20	1,60 + 2,30	3,40	5,10			8,50 (2,80 - 10,30)	3,88 A			2.190 (540 - 2.870)	1.095	10,10
18 + 18	3,40	3,40			6,80 (2,10 - 8,10)	3,66 A			1.860 (320 - 2.370)	930	8,20	1,90 + 1,90	4,25	4,25			8,50 (2,80 - 10,50)	4,15 A			2.050 (510 - 2.780)	1.025	9,50
18 + 21	3,09	3,71			6,80 (2,10 - 8,10)	3,66 A			1.860 (320 - 2.370)	930	8,20	1,70 + 2,20	3,86	4,64			8,50 (2,80 - 10,50)	4,15 A			2.050 (510 - 2.780)	1.025	9,50
3 Rooms																							
5 + 5 + 5	1,60	1,60	1,60		4,80 (1,90 - 8,00)	4,71 A			1.020 (270 - 2.500)	510	4,60	1,00 + 1,00 + 1,00	2,60	2,60	2,60		7,80 (3,30 - 10,40)	4,11 A			1.900 (640 - 2.860)	950	8,80
5 + 5 + 7	1,60	1,60	2,00		5,20 (1,90 - 8,00)	4,48 A			1.160 (270 - 2.460)	580	5,20	1,00 + 1,00 + 1,30	2,58	2,58	3,24		8,40 (3,30 - 10,40)	3,96 A			2.120 (640 - 2.850)	1.060	9,80
5 + 5 + 9[1]	1,60	1,60	2,50		5,70 (1,90 - 8,00)	4,10 A			1.390 (270 - 2.460)	695	6,20	1,00 + 1,00 + 1,50	2,39	2,39	3,72		8,50 (3,30 - 10,40)	3,94 A			2.160 (640 - 2.850)	1.080	10,00
5 + 5 + 9[2]	1,60	1,60	2,80		6,00 (1,90 - 8,00)	3,97 A			1.510 (270 - 2.460)	755	6,70	1,00 + 1,00 + 1,60	2,27	2,27	3,96		8,50 (3,30 - 10,40)	3,94 A			2.160 (640 - 2.850)	1.080	10,00
5 + 5 + 12	1,60	1,60	3,20		6,40 (1,90 - 8,00)	3,81 A			1.680 (270 - 2.370)	840	7,50	1,00 + 1,00 + 1,80	2,13	2,13	4,24		8,50 (3,30 - 10,40)	4,05 A			2.100 (630 - 2.830)	1.050	9,70
5 + 5 + 15	1,51	1,51	3,78		6,80 (1,90 - 8,10)	3,56 A			1.910 (270 - 2.460)	955	8,40	1,00 + 1,00 + 2,20	1,89	1,89	4,72		8,50 (3,30 - 10,50)	4,07 A			2.090 (620 - 2.860)	1.045	9,60
5 + 5 + 18	1,33	1,33	4,14		6,80 (2,00 - 8,50)	3,84 A			1.770 (320 - 2.420)	885	7,80	0,80 + 0,80 + 2,40	1,66	1,66	5,18		8,50 (3,20 - 10,60)	4,34 A			1.960 (600 - 2.720)	980	9,00
5 + 5 + 21	1,18	1,18	4,44		6,80 (2,00 - 8,50)	3,84 A			1.770 (320 - 2.420)	885	7,80	0,70 + 0,70 + 2,50	1,48	1,48	5,54		8,50 (3,20 - 10,60)	4,34 A			1.960 (600 - 2.720)	980	9,00
5 + 7 + 7	1,60	2,00	2,00		5,60 (1,90 - 8,00)	4,27 A			1.310 (270 - 2.460)	655	5,80	1,00 + 1,30 + 1,30	2,42	3,04	3,04		8,50 (3,30 - 10,40)	3,95 A			2.150 (630 - 2.840)	1.075	9,90
5 + 7 + 9[1]	1,60	2,00	2,50		6,10 (1,90 - 8,00)	3,91 A			1.560 (270 - 2.460)	780	6,90	1,00 + 1,30 + 1,50	2,23	2,79	3,48		8,50 (3,30 - 10,40)	3,95 A			2.150 (630 - 2.840)	1.075	9,90
5 + 7 + 9[2]	1,60	2,00	2,80		6,40 (1,90 - 8,00)	3,70 A			1.730 (270 - 2.460)	865	7,70	1,00 + 1,30 + 1,60	2,12	2,66	3,72		8,50 (3,30 - 10,40)	3,95 A			2.150 (630 - 2.840)	1.075	9,90
5 + 7 + 12	1,60	2,00	3,20		6,80 (1,90 - 8,00)	3,56 A	6,4 A++[3]	6,80	1.910 (270 - 2.370)	340	8,40	1,00 + 1,30 + 1,80	2,00	2,50	4,00		8,50 (3,30 - 10,40)	4,07 A	3,80 A[3]	5,50	2.090 (620 - 2.780)	1.925	9,60
5 + 7 + 15	1,43	1,79	3,58		6,80 (1,90 - 8,10)	3,56 A			1.910 (270 - 2.420)	955	8,40	0,90 + 1,20 + 2,10	1,79	2,24	4,47		8,50 (3,30 - 10,50)	4,09 A			2.080 (620 - 2.810)	1.040	9,60
5 + 7 + 18	1,27	1,58	3,95		6,80 (2,00 - 8,50)	3,95 A			1.720 (320 - 2.420)	860	7,60	0,80 + 1,00 + 2,30	1,58	1,98	4,94		8,50 (3,20 - 10,60)	4,36 A			1.950 (600 - 2.710)	975	9,00
5 + 7 + 21	1,13	1,42	4,25		6,80 (2,00 - 8,50)	3,95 A			1.720 (320 - 2.420)	860	7,60	0,70 + 0,90 + 2,40	1,42	1,77	5,31		8,50 (3,20 - 10,60)	4,36 A			1.950 (600 - 2.710)	975	9,00
5 + 9[1] + 9[1]	1,60	2,50	2,50		6,60 (1,90 - 8,00)	3,63 A			1.820 (270 - 2.460)	910	8,00	1,00 + 1,50 + 1,50	2,06	3,22	3,22		8,50 (3,30 - 10,40)	3,95 A			2.150 (630 - 2.840)	1.075	9,90
5 + 9[1] + 9[2]	1,58	2,46	2,76		6,80 (1,90 - 8,00)	3,49 A	6,00 A+[3]	6,80	1.950 (270 - 2.460)	340	8,60	1,00 + 1,50 + 1,60	1,97	3,08	3,45		8,50 (3,30 - 10,40)	3,95 A	3,80 A[3]	5,50	2.150 (630 - 2.840)	1.925	9,90
5 + 9[1] + 12	1,49	2,33	2,98		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.370)	955	8,40	0,90 + 1,50 + 1,70	1,86	2,91	3,73		8,50 (3,30 - 10,40)	4,07 A			2.090 (620 - 2.780)	1.045	9,60
5 + 9[1] + 15	1,34	2,10	3,36		6,80 (1,90 - 8,10)	3,56 A			1.910 (270 - 2.420)	955	8,40	0,80 + 1,40 + 1,90	1,68	2,62	4,20		8,50 (3,30 - 10,50)	4,09 A			2.080 (620 - 2.810)	1.040	9,60
5 + 9[1] + 18	1,19	1,87	3,74		6,80 (2,00 - 8,50)	3,95 A			1.720 (320 - 2.420)	860	7,60	0,70 + 1,20 + 2,20	1,49	2,34	4,67		8,50 (3,20 - 10,60)	4,36 A			1.950 (600 - 2.710)	975	9,00
5 + 9[1] + 21	1,08	1,68	4,04		6,80 (2,00 - 8,50)	3,95 A			1.720 (320 - 2.420)	860	7,60	0,70 + 1,10 + 2,30	1,35	2,10	5,05		8,50 (3,20 - 10,60)	4,36 A			1.950 (600 - 2.710)	975	9,00
5 + 9[2] + 9[2]	1,52	2,64	2,64		6,80 (1,90 - 8,00)	3,49 A			1.950 (270 - 2.460)	975	8,60	1,00 + 1,60 + 1,60	1,88	3,31	3,31		8,50 (3,30 - 10,40)	3,95 A			2.150 (630 - 2.840)	1.075	9,90
5 + 9[2] + 12	1,43	2,51	2,86		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.370)	955	8,40	0,90 + 1,50 + 1,70	1,79	3,13	3,58		8,50 (3,30 - 10,40)	4,07 A			2.090 (620 - 2.780)	1.045	9,60
5 + 9[2] + 15	1,29	2,27	3,24		6,80 (1,90 - 8,10)	3,56 A			1.910 (270 - 2.420)	955	8,40	0,80 + 1,50 + 1,80	1,62	2,83	4,05		8,50 (3,30 - 10,50)	4,09 A			2.080 (620 - 2.810)	1.040	9,60
5 + 9[2] + 18	1,15	2,03	3,62		6,80 (2,00 - 8,50)	3,95 A			1.720 (320 - 2.420)	860	7,60	0,70 + 1,30 + 2,10	1,45	2,53	4,52		8,50 (3,20 - 10,60)	4,36 A			1.950 (600 - 2.710)	975	9,00
5 + 9[2] + 21	1,05	1,83	3,92		6,80 (2,00 - 8,50)	3,95 A			1.720 (320 - 2.420)	860	7,60	0,70 + 1,20 + 2,30	1,31	2,29	4,90		8,50 (3,20 - 10,60)	4,36 A			1.950 (600 - 2.710)	975	9,00
5 + 12 + 12	1,36	2,72	2,72		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.370)	930	8,20	0,90 + 1,60 + 1,60	1,70	3,40	3,40		8,50 (3,30 - 10,50)	4,11 A			2.070 (640 - 2.790)	1.035	9,50
5 + 12 + 15	1,24	2,47	3,09		6,80 (1,90 - 8,20)	3,66 A			1.860 (290 - 2.420)	930	8,20	0,80 + 1,50 + 1,70	1,55	3,09	3,86		8,50 (3,30 - 10,50)	4,13 A			2.060 (640 - 2.790)	1.030	9,50
5 + 12 + 18	1,11	2,22	3,47		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,70 + 1,40 + 2,00	1,38	2,78	4,34		8,50 (3,20 - 10,60)	4,40 A			1.930 (600 - 2.680)	965	8,90
5 + 12 + 21	1,01	2,01	3,78		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,70 + 1,30 + 2,20	1,26	2,52	4,72		8,50 (3,20 - 10,60)	4,40 A			1.930 (600 - 2.680)	965	8,90
5 + 15 + 15	1,14	2,83	2,83		6,80 (1,90 - 8,20)	3,66 A			1.860 (290 - 2.420)	930	8,20	0,70 + 1,70 + 1,70	1,42	3,54	3,54		8,50 (3,30 - 10,50)	4,15 A			2.050 (640 - 2.780)	1.025	9,50
5 + 15 + 18	1,02	2,57	3,21		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.330)	860	7,60	0,70 + 1,60 + 1,80	1,28	3,21	4,01		8,50 (3,20 - 10,60)	4,43 A			1.920 (600 - 2.670)	960	8,90
7 + 7 + 7	2,00	2,00	2,00		6,00 (1,90 - 8,00)	3,97 A			1.510 (270 - 2.410)	755	6,70	1,30 + 1,30 + 1,30	2,83	2,83	2,83		8,49 (3,30 - 10,40)	4,02 A			2.110 (630 - 2.830)	1.055	9,70
7 + 7 + 9[1]	2,00	2,00	2,50		6,50 (1,90 - 8,00)	3,67 A			1.770 (270 - 2.410)	885	7,80	1,30 + 1,30 + 1,50	2,62	2,62	3,26		8,50 (3,30 - 10,40)	4,03 A			2.110 (630 - 2.830)	1.055	9,70
7 + 7 + 9[2]	2,00	2,00	2,80		6,80 (1,90 - 8,00)	3,56 A	6,40 A++[3]	6,80	1.910 (270 - 2.410)	340	8,40	1,30 + 1,30 + 1,60	2,50	2,50	3,50		8,50 (3,30 - 10,40)	4,03 A	3,80 A[3]	5,50	2.110 (630 - 2.830)	1.925	9,70
7 + 7 + 12	1,89	1,89	3,02		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.320)	955	8,40	1,20 + 1,20 + 1,70	2,36	2,36	3,78		8,50 (3,30 - 10,40)	4,09 A			2.080 (620 - 2.770)	1.040	9,60
7 + 7 + 15	1,70	1,70	3,40		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,10 + 1,10 + 1,90	2,13	2,13	4,24		8,50 (3,30 - 10,50)	4,11 A			2.070 (620 - 2.800)	1.035	9,50
7 + 7 + 18	1,51	1,51	3,78		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	1,00 + 1,00 + 2,20	1,89	1,89	4,72		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
7 + 7 + 21	1,36	1,36	4,08		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,90 + 0,90 + 2,30	1,70	1,70	5,10		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
7 + 9[1] + 9[1]	1,94	2,43	2,43		6,80 (1,90 - 8,00)	3,56 A	6,40 A++[3]	6,80	1.910 (270 - 2.410)	340	8,40	1,30 + 1,50 + 1,50	2,42	3,04	3,04		8,50 (3,30 - 10,40)	4,03 A	3,80 A[3]	5,50	2.110 (630 - 2.830)	1.925	9,70
7 + 9[1] + 9[2]	1,86	2,33	2,61		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.410)	955	8,40	1,20 + 1,50 + 1,60	2,33	2,91	3,26		8,50 (3,30 - 10,40)	4,03 A			2.110 (630 - 2.830)	1.055	9,70
7 + 9[1] + 12	1,76	2,21	2,83		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.320)	955	8,40	1,10 + 1,40 + 1,70	2,21	2,76	3,53		8,50 (3,30 - 10,40)	4,09 A			2.080 (620 - 2.770)	1.040	9,60
7 + 9[1] + 15	1,60	2,00	3,20		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,00 + 1,30 + 1,80	2,00	2,50	4,00		8,50 (3,30 - 10,50)	4,11 A			2.070 (620 - 2.800)	1.035	9,50
7 + 9[1] + 18	1,43	1,79	3,58		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,90 + 1,20 + 2,10	1,79	2,24	4,47		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
7 + 9[1] + 21	1,29	1,62	3,89		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,80 + 1,00 + 2,30	1,62	2,02	4,86		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
7 + 9[2] + 9[2]	1,78	2,51	2,51		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.410)	955	8,40	1,10 + 1,50 + 1,50	2,24	3,13	3,13		8,50 (3,30 - 10,40)	4,03 A			2.110 (630 - 2.830)	1.055	9,70
7 + 9[2] + 12	1,70	2,38	2,72		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.320)	955	8,40	1,10 + 1,50 + 1,60	2,12	2,98	3,40		8,50 (3,30 - 10,40)	4,09 A			2.080 (620 - 2.770)	1.040	9,60
7 + 9[2] + 15	1,55	2,16	3,09		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,00 + 1,40 + 1,70	1,93	2,70	3,87		8,50 (3,30 - 10,50)	4,11 A			2.070 (620 - 2.800)	1.035	9,50
7 + 9[2] + 18	1,39	1,94	3,47		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,90 + 1,30 + 2,00	1,73	2,43	4,34		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
7 + 9[2] + 21	1,26	1,76	3,78		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	0,80 + 1,10 + 2,20	1,57	2,20	4,73		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
7 + 12 + 12	1,62	2,59	2,59		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.330)	930	8,20	1,00 + 1,60 + 1,60	2,02	3,24	3,24		8,50 (3,30 - 10,50)	4,13 A			2.060 (640 - 2.790)	1.030	9,50
7 + 12 + 15	1,47	2,37	2,96		6,80 (1,90 - 8,20)	3,66 A			1.860 (290 - 2.420)	930	8,20	0,90 + 1,50 + 1,70	1,84	2,96	3,70		8,50 (3,30 - 10,50)	4,15 A			2.050 (640 - 2.780)	1.025	9,50
7 + 12 + 18	1,33	2,13	3,34		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.330)	860	7,60	0,80 + 1,40 + 1,90	1,66	2,67	4,17		8,50 (3,20 - 10,60)	4,43 A			1.920 (600 - 2.670)	960	8,90
7 + 15 + 15	1,36	2,72	2,72		6,80 (1,90 - 8,20)	3,76 A			1.810 (290 - 2.370)	905	7,90	0,90 + 1,60 + 1,60	1,70	3,40	3,40		8,50 (3,30 - 10,50)	4,17 A			2.040 (630 - 2.770)	1.020	9,40
7 + 15 + 18	1,24	2,47	3,09		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.330)	860	7,60	0,80 + 1,50 + 1,70	1,55	3,09	3,86		8,50 (3,20 - 10,60)	4,45 A			1.910 (620 - 2.660)	955	8,80
9[1] + 9[1] + 9[1]	2,26	2,26	2,26		6,78 (1,90 - 8,00)	3,55 A			1.910 (270 - 2.410)	955	8,40	1,50 + 1,50 + 1,50	2,83	2,83	2,83		8,49 (3,30 - 10,40)	4,02 A			2.110 (630 - 2.830)	1.055	9,70
9[1] + 9[1] + 9[2]	2,18	2,18	2,44		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.410)	955	8,40	1,40 + 1,40 + 1,50	2,72	2,72	3,06		8,50 (3,30 - 10,40)	4,03 A			2.110 (630 - 2.830)	1.055	9,70
9[1] + 9[1] + 12	2,07	2,07	2,66		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.320)	955	8,40	1,30 + 1,30 + 1,60	2,59	2,59	3,32		8,50 (3,30 - 10,40)	4,09 A			2.080 (620 - 2.770)	1.040	9,60
9[1] + 9[1] + 15	1,89	1,89	3,02		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,20 + 1,20 + 1,70	2,36	2,36	3,78		8,50 (3,30 - 10,50)	4,11 A			2.070 (620 - 2.800)	1.035	9,50
9[1] + 9[1] + 18	1,70	1,70	3,40		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	1,10 + 1,10 + 1,90	2,13	2,13	4,24		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
9[1] + 9[1] + 21	1,55	1,55	3,70		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	1,00 + 1,00 + 2,20	1,93	1,93	4,64		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
9[1] + 9[2] + 9[2]	2,10	2,35	2,35		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.410)	955	8,40	1,40 + 1,50 + 1,50	2,62	2,94	2,94		8,50 (3,30 - 10,40)	4,03 A			2.110 (630 - 2.830)	1.055	9,70
9[1] + 9[2] + 12	2,00	2,24	2,56		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.320)	955	8,40	1,30 + 1,50 + 1,60	2,50	2,80	3,20		8,50 (3,30 - 10,40)	4,09 A			2.080 (620 - 2.770)	1.040	9,60
9[1] + 9[2] + 15	1,83	2,05	2,92		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,20 + 1,30 + 1,70	2,28	2,56	3,66		8,50 (3,30 - 10,50)	4,11 A			2.070 (620 - 2.800)	1.035	9,50
9[1] + 9[2] + 18	1,65	1,85	3,30		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	1,10 + 1,20 + 1,90	2,06	2,31	4,13		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
9[1] + 12 + 12	1,92	2,44	2,44		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.330)	930	8,20	1,20 + 1,50 + 1,50	2,38	3,06	3,06		8,50 (3,30 - 10,50)	4,13 A			2.060 (640 - 2.790)	1.030	9,50
9[1] + 12 + 15	1,75	2,24	2,81		6,80 (1,90 - 8,20)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,10 + 1,50 + 1,60	2,19	2,80	3,51		8,50 (3,30 - 10,50)	4,15 A			2.050 (640 - 2.780)	1.025	9,50
9[1] + 12 + 18	1,59	2,03	3,18		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.330)	860	7,60	1,00 + 1,30 + 1,80	1,99	2,54	3,97		8,50 (3,20 - 10,60)	4,43 A			1.920 (600 - 2.670)	960	8,90
9[1] + 15 + 15	1,62	2,59	2,59		6,80 (1,90 - 8,20)	3,76 A			1.810 (290 - 2.370)	905	7,90	1,00 + 1,60 + 1,60	2,02	3,24	3,24		8,50 (3,30 - 10,50)	4,17 A			2.040 (630 - 2.770)	1.020	9,40
9[2] + 9[2] + 9[2]	2,26	2,26	2,26		6,78 (1,90 - 8,00)	3,55 A			1.910 (270 - 2.410)	955	8,40	1,50 + 1,50 + 1,50	2,83	2,83	2,83		8,49 (3,30 - 10,40)	4,02 A			2.110 (630 - 2.830)	1.055	9,70
9[2] + 9[2] + 12	2,16	2,16	2,48		6,80 (1,90 - 8,00)	3,56 A			1.910 (270 - 2.320)	955	8,40	1,40 + 1,40 + 1,50	2,70	2,70	3,10		8,50 (3,30 - 10,40)	4,09 A			2.080 (620 - 2.770)	1.040	9,60
9[2] + 9[2] + 15	1,98	1,98	2,84		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,30 + 1,30 + 1,70	2,48	2,48	3,54		8,50 (3,30 - 10,50)	4,11 A			2.070 (620 - 2.800)	1.035	9,50
9[2] + 9[2] + 18	1,80	1,80	3,20		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.380)	860	7,60	1,20 + 1,20 + 1,80	2,25	2,25	4,00		8,50 (3,20 - 10,60)	4,38 A			1.940 (600 - 2.700)	970	8,90
9[2] + 12 + 12	2,06	2,37	2,37		6,80 (1,90 - 8,10)	3,66 A			1.860 (290 - 2.330)	930	8,20	1,30 + 1,50 + 1,50	2,58	2,96	2,96		8,50 (3,30 - 10,50)	4,13 A			2.060 (640 - 2.790)	1.030	9,50
9[2] + 12 + 15	1,90	2,18	2,72		6,80 (1,90 - 8,20)	3,66 A			1.860 (290 - 2.420)	930	8,20	1,20 + 1,40 + 1,60	2,38	2,72	3,40		8,50 (3,30 - 10,50)	4,15 A			2.050 (640 - 2.780)	1.025	9,50
9[2] + 12 + 18	1,73	1,98	3,09		6,80 (2,00 - 8,50)	3,95 A			1.720 (340 - 2.330)	860	7,60	1,10 + 1,30 + 1,70	2,16	2,47	3,87		8,50 (3,20 - 10,60)	4,43 A			1.920 (600 - 2.670)	960	8,90
9[2] + 15 + 15	1,76	2,52	2,52		6,80 (1,90 - 8,20)	3,76 A			1.810 (290 - 2.370)	905	7,90	1,10 + 1,50 + 1,50	2,20	3,15	3,15		8,50 (3,30 - 10,50)	4,17 A			2.040 (630 - 2.770)	1.020	9,40
12 + 12 + 12	2,26	2,26	2,26		6,78 (1,90 - 8,20)	3,75 A			1.810 (290 - 2.330)	905	7,90	1,50 + 1,50 + 1,50	2,83	2,83	2,83		8,49 (3,30 - 10,50)	4,25 A			2.000 (630 - 2.760)	1.000	9,20
12 + 12 + 15	2,09	2,09	2,62		6,80 (1,90 - 8,20	3,76 A			1.810 (290 - 2.330)	905	7,90	1,40 + 1,40 + 1,60	2,62	2,62	3,26		8,50 (3,30 - 10,50)	4,27 A			1.990 (630 - 2.710)	995	9,20

Free Multi 4x1 CU-4E23PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 11,0 kW																							
Indoor unit capacity	Cooling capacity (kW) Rooms					EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW) Rooms					COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
4 Rooms																							
5 + 5 + 5 + 5	1,60	1,60	1,60	1,60	6,40 (1,90 - 8,70)	4,24 A			1.510 (340 - 2.380)	755	6,70	1,00 + 1,00 + 1,00 + 1,00	2,12	2,12	2,12	2,12	8,48 (3,00 - 10,60)	4,44 A			1.910 (580 - 2.610)	955	8,80
5 + 5 + 5 + 7	1,60	1,60	1,60	2,00	6,80 (1,90 - 8,80)	4,05 A	7,00 A++ [3]	6,80	1.680 (340 - 2.470)	340	7,50	1,00 + 1,00 + 1,00 + 1,30	2,00	2,00	2,00	2,50	8,50 (3,00 - 10,60)	4,47 A	4,00 A+ [3]	5,50	1.900 (580 - 2.600)	1.925	8,80
5 + 5 + 5 + 9[1]	1,49	1,49	1,49	2,33	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.470)	840	7,50	0,90 + 0,90 + 0,90 + 1,50	1,86	1,86	1,86	2,92	8,50 (3,00 - 10,60)	4,47 A			1.900 (580 - 2.600)	950	8,80
5 + 5 + 5 + 9[2]	1,43	1,43	1,43	2,51	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.470)	840	7,50	0,90 + 0,90 + 0,90 + 1,50	1,79	1,79	1,79	3,13	8,50 (3,00 - 10,60)	4,47 A			1.900 (580 - 2.600)	950	8,80
5 + 5 + 5 + 12	1,36	1,36	1,36	2,72	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,90 + 0,90 + 0,90 + 1,60	1,70	1,70	1,70	3,40	8,50 (3,00 - 10,60)	4,52 A			1.880 (580 - 2.580)	940	8,70
5 + 5 + 5 + 15	1,24	1,24	1,24	3,08	6,80 (1,90 - 8,80)	4,15 A			1.640 (340 - 2.380)	820	7,30	0,80 + 0,80 + 0,80 + 1,70	1,55	1,55	1,55	3,85	8,50 (3,00 - 10,60)	4,55 A			1.870 (580 - 2.570)	935	8,60
5 + 5 + 5 + 18	1,11	1,11	1,11	3,47	6,80 (1,90 - 8,80)	4,15 A			1.640 (400 - 2.240)	820	7,30	0,70 + 0,70 + 0,70 + 2,00	1,39	1,39	1,39	4,33	8,50 (3,00 - 10,60)	4,64 A			1.830 (650 - 2.470)	915	8,40
5 + 5 + 5 + 21	1,01	1,01	1,01	3,77	6,80 (1,90 - 8,80)	4,15 A			1.640 (400 - 2.240)	820	7,30	0,70 + 0,70 + 0,70 + 2,20	1,26	1,26	1,26	4,72	8,50 (3,00 - 10,60)	4,64 A			1.830 (650 - 2.470)	915	8,40
5 + 5 + 7 + 7	1,51	1,51	1,89	1,89	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	1,00 + 1,00 + 1,20 + 1,20	1,89	1,89	2,36	2,36	8,50 (3,10 - 10,60)	4,50 A			1.890 (600 - 2.590)	945	8,70
5 + 5 + 7 + 9[1]	1,41	1,41	1,77	2,21	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,90 + 0,90 + 1,10 + 1,40	1,77	1,77	2,20	2,76	8,50 (3,10 - 10,60)	4,50 A			1.890 (600 - 2.590)	945	8,70
5 + 5 + 7 + 9[2]	1,36	1,36	1,70	2,38	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,90 + 0,90 + 1,10 + 1,50	1,70	1,70	2,12	2,98	8,50 (3,10 - 10,60)	4,50 A			1.890 (600 - 2.590)	945	8,70
5 + 5 + 7 + 12	1,30	1,30	1,61	2,59	6,80 (1,90 - 8,80)	4,15 A			1.640 (340 - 2.380)	820	7,30	0,80 + 0,80 + 1,00 + 1,60	1,62	1,62	2,02	3,24	8,50 (3,00 - 10,60)	4,55 A			1.870 (580 - 2.570)	935	8,60
5 + 5 + 7 + 15	1,18	1,18	1,48	2,96	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,70 + 0,90 + 1,70	1,48	1,48	1,84	3,70	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 5 + 7 + 18	1,07	1,07	1,33	3,33	6,80 (1,90 - 8,80)	4,15 A			1.640 (400 - 2.200)	820	7,30	0,70 + 0,70 + 0,80 + 1,90	1,33	1,33	1,67	4,17	8,50 (3,00 - 10,60)	4,64 A			1.830 (660 - 2.460)	915	8,40
5 + 5 + 9[1] + 9[1]	1,33	1,33	2,07	2,07	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 0,80 + 1,30 + 1,30	1,66	1,66	2,59	2,59	8,50 (3,10 - 10,60)	4,50 A			1.890 (600 - 2.590)	945	8,70
5 + 5 + 9[1] + 9[2]	1,28	1,28	2,00	2,24	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 0,80 + 1,30 + 1,50	1,60	1,60	2,50	2,80	8,50 (3,10 - 10,60)	4,50 A			1.890 (600 - 2.590)	945	8,70
5 + 5 + 9[1] + 12	1,22	1,22	1,91	2,45	6,80 (1,90 - 8,80)	4,15 A			1.640 (340 - 2.380)	820	7,30	0,80 + 0,80 + 1,20 + 1,50	1,53	1,53	2,38	3,06	8,50 (3,00 - 10,60)	4,55 A			1.870 (580 - 2.570)	935	8,60
5 + 5 + 9[1] + 15	1,12	1,12	1,76	2,80	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,70 + 1,10 + 1,60	1,40	1,40	2,19	3,51	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 5 + 9[1] + 18	1,02	1,02	1,58	3,18	6,80 (1,90 - 8,80)	4,15 A			1.640 (400 - 2.200)	820	7,30	0,70 + 0,70 + 1,00 + 1,80	1,27	1,27	1,99	3,97	8,50 (3,00 - 10,60)	4,64 A			1.830 (660 - 2.460)	915	8,40
5 + 5 + 9[2] + 9[2]	1,24	1,24	2,16	2,16	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 0,80 + 1,40 + 1,40	1,55	1,55	2,70	2,70	8,50 (3,10 - 10,60)	4,50 A			1.890 (600 - 2.590)	945	8,70
5 + 5 + 9[2] + 12	1,18	1,18	2,07	2,37	6,80 (1,90 - 8,80)	4,15 A			1.640 (340 - 2.380)	820	7,30	0,70 + 0,70 + 1,30 + 1,50	1,48	1,48	2,58	2,96	8,50 (3,00 - 10,60)	4,55 A			1.870 (580 - 2.570)	935	8,60
5 + 5 + 9[2] + 15	1,09	1,09	1,90	2,72	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,70 + 1,20 + 1,60	1,36	1,36	2,38	3,40	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 5 + 9[2] + 18	0,99	0,99	1,73	3,09	6,80 (1,90 - 8,80)	4,15 A			1.640 (400 - 2.200)	820	7,30	0,70 + 0,70 + 1,10 + 1,70	1,24	1,24	2,16	3,86	8,50 (3,00 - 10,60)	4,64 A			1.830 (660 - 2.460)	915	8,40
5 + 5 + 12 + 12	1,13	1,13	2,27	2,27	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,70 + 0,70 + 1,50 + 1,50	1,42	1,42	2,83	2,83	8,50 (3,00 - 10,60)	4,59 A			1.850 (610 - 2.540)	925	8,50
5 + 5 + 12 + 15	1,05	1,05	2,08	2,62	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,70 + 0,70 + 1,30 + 1,60	1,31	1,31	2,61	3,27	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
5 + 7 + 7 + 7	1,43	1,79	1,79	1,79	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,90 + 1,20 + 1,20 + 1,20	1,78	2,24	2,24	2,24	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 7 + 7 + 9[1]	1,34	1,68	1,68	2,10	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 1,10 + 1,10 + 1,40	1,68	2,10	2,10	2,62	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 7 + 7 + 9[2]	1,29	1,62	1,62	2,27	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 1,00 + 1,00 + 1,50	1,62	2,02	2,02	2,84	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 7 + 7 + 12	1,23	1,55	1,55	2,47	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,80 + 1,00 + 1,00 + 1,50	1,55	1,93	1,93	3,09	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 7 + 7 + 15	1,13	1,42	1,42	2,83	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,90 + 0,90 + 1,70	1,42	1,77	1,77	3,54	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
5 + 7 + 7 + 18	1,03	1,28	1,28	3,21	6,80 (1,90 - 8,80)	4,15 A			1.640 (420 - 2.200)	820	7,30	0,70 + 0,80 + 0,80 + 1,80	1,28	1,60	1,60	4,02	8,50 (3,00 - 10,60)	4,67 A			1.820 (680 - 2.450)	910	8,40
5 + 7 + 9[1] + 9[1]	1,26	1,58	1,98	1,98	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 1,00 + 1,30 + 1,30	1,58	1,98	2,47	2,47	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 7 + 9[1] + 9[2]	1,22	1,53	1,91	2,14	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,80 + 1,00 + 1,20 + 1,40	1,53	1,91	2,39	2,67	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 7 + 9[1] + 12	1,17	1,46	1,83	2,34	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,90 + 1,20 + 1,50	1,46	1,83	2,28	2,93	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 7 + 9[1] + 15	1,08	1,35	1,68	2,69	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,90 + 1,10 + 1,60	1,35	1,68	2,10	3,37	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
5 + 7 + 9[2] + 9[2]	1,18	1,48	2,07	2,07	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,70 + 0,90 + 1,30 + 1,30	1,47	1,85	2,59	2,59	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 7 + 9[2] + 12	1,13	1,42	1,98	2,27	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,90 + 1,30 + 1,50	1,42	1,77	2,48	2,83	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 7 + 9[2] + 15	1,04	1,31	1,83	2,62	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 0,80 + 1,20 + 1,60	1,31	1,63	2,29	3,27	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
5 + 7 + 12 + 12	1,08	1,36	2,18	2,18	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,70 + 0,90 + 1,40 + 1,40	1,36	1,70	2,72	2,72	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
5 + 7 + 12 + 15	1,01	1,26	2,01	2,52	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,70 + 0,80 + 1,30 + 1,50	1,26	1,57	2,52	3,15	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
5 + 9[1] + 9[1] + 9[1]	1,19	1,87	1,87	1,87	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,70 + 1,20 + 1,20 + 1,20	1,48	2,34	2,34	2,34	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 9[1] + 9[1] + 9[2]	1,15	1,81	1,81	2,03	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,70 + 1,20 + 1,20 + 1,30	1,45	2,26	2,26	2,53	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 9[1] + 9[1] + 12	1,11	1,73	1,73	2,23	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 1,10 + 1,10 + 1,50	1,38	2,17	2,17	2,78	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 9[1] + 9[1] + 15	1,03	1,60	1,60	2,57	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 1,00 + 1,00 + 1,60	1,28	2,00	2,00	3,22	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
5 + 9[1] + 9[2] + 9[2]	1,12	1,76	1,96	1,96	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,70 + 1,10 + 1,30 + 1,30	1,40	2,20	2,45	2,45	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 9[1] + 9[2] + 12	1,08	1,68	1,89	2,15	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 1,10 + 1,20 + 1,40	1,35	2,10	2,36	2,69	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 9[1] + 9[2] + 15	0,99	1,56	1,75	2,50	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 1,00 + 1,10 + 1,50	1,25	1,95	2,18	3,12	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
5 + 9[1] + 12 + 12	1,04	1,62	2,07	2,07	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,70 + 1,00 + 1,30 + 1,30	1,30	2,02	2,59	2,59	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
5 + 9[2] + 9[2] + 9[2]	1,10	1,90	1,90	1,90	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.430)	840	7,50	0,70 + 1,20 + 1,20 + 1,20	1,36	2,38	2,38	2,38	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.580)	940	8,70
5 + 9[2] + 9[2] + 12	1,05	1,83	1,83	2,09	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.380)	820	7,30	0,70 + 1,20 + 1,20 + 1,40	1,30	2,29	2,29	2,62	8,50 (3,00 - 10,60)	4,57 A			1.860 (600 - 2.560)	930	8,60
5 + 9[2] + 12 + 12	1,01	1,77	2,01	2,01	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,70 + 1,10 + 1,30 + 1,30	1,26	2,20	2,52	2,52	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
7 + 7 + 7 + 7	1,70	1,70	1,70	1,70	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,10 + 1,10 + 1,10 + 1,10	2,12	2,12	2,12	2,12	8,48 (3,10 - 10,60)	4,51 A			1.880 (600 - 2.570)	940	8,70
7 + 7 + 7 + 9[1]	1,60	1,60	1,60	2,00	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,00 + 1,00 + 1,00 + 1,30	2,00	2,00	2,00	2,50	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 7 + 7 + 9[2]	1,55	1,55	1,55	2,15	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,00 + 1,00 + 1,00 + 1,40	1,93	1,93	1,93	2,71	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 7 + 7 + 12	1,48	1,48	1,48	2,36	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,90 + 0,90 + 0,90 + 1,50	1,85	1,85	1,85	2,95	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
7 + 7 + 7 + 15	1,36	1,36	1,36	2,72	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,90 + 0,90 + 0,90 + 1,60	1,70	1,70	1,70	3,40	8,50 (3,00 - 10,60)	4,59 A			1.850 (610 - 2.540)	925	8,50
7 + 7 + 7 + 18	1,24	1,24	1,24	3,08	6,80 (1,90 - 8,80)	4,15 A			1.640 (420 - 2.200)	820	7,30	0,80 + 0,80 + 0,80 + 1,70	1,55	1,55	1,55	3,85	8,50 (3,00 - 10,60)	4,70 A			1.810 (680 - 2.440)	905	8,30
7 + 7 + 9[1] + 9[1]	1,51	1,51	1,89	1,89	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,00 + 1,00 + 1,20 + 1,20	1,89	1,89	2,36	2,36	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 7 + 9[1] + 9[2]	1,46	1,46	1,83	2,05	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,90 + 0,90 + 1,20 + 1,30	1,83	1,83	2,28	2,56	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 7 + 9[1] + 12	1,40	1,40	1,75	2,25	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,90 + 0,90 + 1,10 + 1,50	1,75	1,75	2,19	2,81	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
7 + 7 + 9[1] + 15	1,30	1,30	1,61	2,59	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 0,80 + 1,00 + 1,60	1,62	1,62	2,02	3,24	8,50 (3,00 - 10,60)	4,59 A			1.850 (610 - 2.540)	925	8,50
7 + 7 + 9[2] + 9[2]	1,42	1,42	1,98	1,98	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,90 + 0,90 + 1,30 + 1,30	1,77	1,77	2,48	2,48	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 7 + 9[2] + 12	1,36	1,36	1,90	2,18	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,90 + 0,90 + 1,20 + 1,40	1,70	1,70	2,38	2,72	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
7 + 7 + 9[2] + 15	1,26	1,26	1,76	2,52	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 0,80 + 1,10 + 1,50	1,57	1,57	2,20	3,16	8,50 (3,00 - 10,60)	4,59 A			1.850 (610 - 2.540)	925	8,50
7 + 7 + 12 + 12	1,31	1,31	2,09	2,09	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 0,80 + 1,40 + 1,40	1,63	1,63	2,62	2,62	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
7 + 9[1] + 9[1] + 9[1]	1,43	1,79	1,79	1,79	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,90 + 1,20 + 1,20 + 1,20	1,78	2,24	2,24	2,24	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 9[1] + 9[1] + 9[2]	1,39	1,73	1,73	1,95	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,90 + 1,10 + 1,10 + 1,30	1,73	2,17	2,17	2,43	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 9[1] + 9[1] + 12	1,33	1,67	1,67	2,13	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 1,10 + 1,10 + 1,40	1,67	2,08	2,08	2,67	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
7 + 9[1] + 9[1] + 15	1,23	1,55	1,55	2,47	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 1,00 + 1,00 + 1,50	1,55	1,93	1,93	3,09	8,50 (3,00 - 10,60)	4,59 A			1.850 (610 - 2.540)	925	8,50
7 + 9[1] + 9[2] + 9[2]	1,34	1,68	1,89	1,89	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,80 + 1,10 + 1,20 + 1,20	1,68	2,10	2,36	2,36	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 9[1] + 9[2] + 12	1,30	1,62	1,81	2,07	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 1,00 + 1,20 + 1,30	1,62	2,02	2,27	2,59	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
7 + 9[1] + 12 + 12	1,24	1,56	2,00	2,00	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 1,00 + 1,30 + 1,30	1,55	1,95	2,50	2,50	8,50 (3,00 - 10,60)	4,62 A			1.840 (610 - 2.530)	920	8,50
7 + 9[2] + 9[2] + 9[2]	1,31	1,83	1,83	1,83	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	0,80 + 1,20 + 1,20 + 1,20	1,63	2,29	2,29	2,29	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
7 + 9[2] + 9[2] + 12	1,26	1,76	1,76	2,02	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	0,80 + 1,10 + 1,10 + 1,30	1,57	2,20	2,20	2,53	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
9[1] + 9[1] + 9[1] + 9[1]	1,70	1,70	1,70	1,70	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,10 + 1,10 + 1,10 + 1,10	2,12	2,12	2,12	2,12	8,48 (3,10 - 10,60)	4,51 A			1.880 (600 - 2.570)	940	8,70
9[1] + 9[1] + 9[1] + 9[2]	1,65	1,65	1,65	1,85	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,10 + 1,10 + 1,10 + 1,20	2,06	2,06	2,06	2,32	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
9[1] + 9[1] + 9[1] + 12	1,59	1,59	1,59	2,03	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	1,00 + 1,00 + 1,00 + 1,30	1,99	1,99	1,99	2,53	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
9[1] + 9[1] + 9[2] + 9[2]	1,60	1,60	1,80	1,80	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,00 + 1,00 + 1,20 + 1,20	2,00	2,00	2,25	2,25	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70
9[1] + 9[1] + 9[2] + 12	1,55	1,55	1,72	1,98	6,80 (1,90 - 8,80)	4,15 A			1.640 (370 - 2.330)	820	7,30	1,00 + 1,00 + 1,10 + 1,30	1,93	1,93	2,16	2,48	8,50 (3,00 - 10,60)	4,57 A			1.860 (610 - 2.550)	930	8,60
9[1] + 9[2] + 9[2] + 9[2]	1,55	1,75	1,75	1,75	6,80 (1,90 - 8,80)	4,05 A			1.680 (340 - 2.380)	840	7,50	1,00 + 1,10 + 1,10 + 1,10	1,96	2,18	2,18	2,18	8,50 (3,10 - 10,60)	4,52 A			1.880 (600 - 2.570)	940	8,70

1) For Etherea, 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.
* Data for not simultaneous operation.

Free Multi combinations table

Free Multi 4x1 CU-4E27PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 13,6 kW

Indoor unit capacity	Cooling capacity (kW)					EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW)					COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
1 Room																							
5	1,60				1,60 (1,30 - 2,30)	4,00 A			400 (250 - 640)	200	2,00	1,00	2,60				2,60 (1,20 - 3,20)	4,33 A			600 (300 - 960)	300	3,00
7	2,00				2,00 (1,80 - 2,90)	4,00 A			500 (340 - 810)	250	2,50	1,30	3,20				3,20 (1,20 - 4,10)	4,32 A			740 (300 - 1.230)	370	3,70
9[1]	2,50				2,50 (1,80 - 2,90)	3,97 A			630 (340 - 810)	315	3,20	1,50	3,60				3,60 (1,20 - 4,30)	3,83 A			940 (300 - 1.230)	470	4,70
9[2]	2,80				2,80 (1,80 - 2,90)	4,00 A			700 (340 - 810)	350	3,50	1,60	4,00				4,00 (1,20 - 4,30)	3,81 A			1.050 (300 - 1.230)	525	5,20
12	3,20				3,20 (1,80 - 3,80)	4,00 A			800 (340 - 1.360)	400	3,90	1,80	4,50				4,50 (1,20 - 5,80)	3,66 A			1.230 (300 - 2.100)	615	6,00
15	4,00				4,00 (1,80 - 4,30)	3,23 A			1.240 (340 - 1.990)	620	5,80	2,30	5,60				5,60 (1,20 - 6,80)	3,26 C			1.720 (300 - 2.930)	860	8,00
18	5,00				5,00 (1,90 - 5,70)	3,23 A			1.550 (340 - 2.130)	775	7,20	2,70	6,80				6,80 (1,20 - 6,90)	3,24 C			2.100 (300 - 2.520)	1.050	9,70
21	6,00				6,00 (1,90 - 6,20)	2,96 C			2.030 (340 - 2.330)	1.015	9,20	3,30	8,50				8,50 (1,30 - 9,00)	3,54 B			2.400 (620 - 2.530)	1.200	11,10
24	7,00				7,00 (2,00 - 7,20)	2,81 C			2.490 (370 - 2.770)	1.245	11,30	4,00	8,70				8,70 (1,40 - 9,20)	3,41 B			2.550 (680 - 2.720)	1.275	11,80
2 Rooms																							
5 + 5	1,60	1,60			3,20 (2,40 - 5,80)	4,38 A			730 (380 - 1.990)	365	3,70	1,00 + 1,00	2,35	2,35			4,70 (2,20 - 8,20)	3,36 C			1.400 (440 - 2.910)	700	6,60
5 + 7	1,60	2,00			3,60 (2,40 - 5,80)	4,14 A			870 (380 - 1.990)	435	4,30	1,00 + 1,30	2,31	2,89			5,20 (2,20 - 8,20)	3,29 C			1.580 (440 - 2.900)	790	7,50
5 + 9[1]	1,60	2,50			4,10 (2,40 - 5,80)	3,83 A			1.070 (380 - 1.990)	535	5,20	1,00 + 1,50	2,19	3,41			5,60 (2,20 - 8,20)	3,24 C			1.730 (440 - 2.900)	865	8,20
5 + 9[2]	1,60	2,80			4,40 (2,40 - 5,80)	3,76 A			1.170 (380 - 1.990)	585	5,70	1,00 + 1,60	2,15	3,75			5,90 (2,20 - 8,20)	3,33 C			1.770 (440 - 2.900)	885	8,30
5 + 12	1,60	3,20			4,80 (2,40 - 5,80)	3,64 A			1.320 (370 - 1.920)	660	6,30	1,00 + 1,80	2,13	4,27			6,40 (2,20 - 8,20)	3,40 B			1.880 (390 - 2.820)	940	8,80
5 + 15	1,60	4,00			5,60 (2,40 - 5,80)	3,41 A			1.640 (370 - 1.860)	820	7,90	1,00 + 2,30	2,11	5,29			7,40 (2,20 - 8,60)	3,47 B			2.130 (380 - 2.920)	1.065	10,00
5 + 18	1,60	5,00			6,60 (2,40 - 7,20)	3,33 A			1.980 (350 - 2.480)	990	9,40	1,00 + 2,70	2,06	6,44			8,50 (2,20 - 10,00)	3,62 A			2.350 (330 - 3.330)	1.175	11,00
5 + 21	1,60	6,00			7,60 (2,40 - 8,50)	3,02 B			2.520 (350 - 3.490)	1.260	12,00	1,00 + 3,30	1,98	7,42			9,40 (2,20 - 10,00)	3,73 A			2.520 (330 - 3.330)	1.260	11,80
5 + 24	1,49	6,51			8,00 (2,40 - 8,50)	3,05 B			2.620 (350 - 3.340)	1.310	12,40	0,90 + 3,70	1,75	7,65			9,40 (2,20 - 10,30)	3,82 A			2.460 (330 - 3.500)	1.230	11,60
7 + 7	2,00	2,00			4,00 (2,40 - 5,80)	3,96 A			1.010 (380 - 1.930)	505	4,90	1,30 + 1,30	2,90	2,90			5,80 (2,20 - 8,20)	3,39 C			1.710 (400 - 2.890)	855	8,10
7 + 9[1]	2,00	2,50			4,50 (2,40 - 5,80)	3,69 A			1.220 (380 - 1.930)	610	5,90	1,30 + 1,50	2,71	3,39			6,10 (2,20 - 8,20)	3,39 C			1.800 (400 - 2.890)	900	8,50
7 + 9[2]	2,00	2,80			4,80 (2,40 - 5,80)	3,64 A			1.320 (380 - 1.930)	660	6,30	1,30 + 1,60	2,71	3,79			6,50 (2,20 - 8,20)	3,57 B			1.820 (400 - 2.890)	910	8,60
7 + 12	2,00	3,20			5,20 (2,40 - 5,80)	3,66 A			1.420 (370 - 1.860)	710	6,80	1,30 + 1,80	2,65	4,25			6,90 (2,20 - 8,60)	3,58 B			1.930 (380 - 2.920)	965	9,10
7 + 15	2,00	4,00			6,00 (2,40 - 6,70)	3,23 A			1.860 (370 - 2.480)	930	8,80	1,30 + 2,30	2,63	5,27			7,90 (2,20 - 9,80)	3,42 B			2.310 (380 - 3.510)	1.155	10,90
7 + 18	2,00	5,00			7,00 (2,40 - 8,10)	3,38 A			2.070 (350 - 3.100)	1.035	9,80	1,30 + 2,70	2,57	6,43			9,00 (2,20 - 10,00)	3,88 A			2.320 (330 - 3.310)	1.160	10,90
7 + 21	2,00	6,00			8,00 (2,40 - 8,50)	2,97 C	5,60 A+[3]	8,00	2.690 (350 - 3.490)	500	12,80	1,30 + 3,30	2,35	7,05			9,40 (2,20 - 10,00)	3,75 A	3,80 A+[3]	8,00	2.510 (330 - 3.310)	2.497	11,80
7 + 24	1,78	6,22			8,00 (2,50 - 8,50)	3,14 B			2.550 (380 - 3.340)	1.275	12,10	1,10 + 3,50	2,09	7,31			9,40 (2,20 - 10,30)	3,84 A			2.450 (330 - 3.490)	1.225	11,50
9[1] + 9[1]	2,50	2,50			5,00 (2,40 - 5,80)	3,65 A			1.370 (380 - 1.930)	685	6,60	1,50 + 1,50	3,25	3,25			6,50 (2,20 - 8,60)	3,57 B			1.820 (400 - 3.000)	910	8,60
9[1] + 9[2]	2,50	2,80			5,30 (2,40 - 5,80)	3,46 A			1.530 (380 - 1.930)	765	7,30	1,50 + 1,60	3,21	3,59			6,80 (2,20 - 8,60)	3,47 B			1.960 (400 - 3.000)	980	9,20
9[1] + 12	2,50	3,20			5,70 (2,40 - 6,70)	3,37 A			1.690 (370 - 2.480)	845	8,10	1,50 + 1,80	3,20	4,10			7,30 (2,20 - 9,80)	3,51 B			2.080 (380 - 3.520)	1.040	9,80
9[1] + 15	2,50	4,00			6,50 (2,40 - 7,20)	3,00 C			2.170 (370 - 2.900)	1.085	10,30	1,50 + 2,30	3,19	5,11			8,30 (2,20 - 10,00)	3,36 C			2.470 (380 - 3.640)	1.235	11,60
9[1] + 18	2,50	5,00			7,50 (2,40 - 8,50)	3,14 B			2.390 (350 - 3.490)	1.195	11,30	1,50 + 2,70	3,13	6,27			9,40 (2,20 - 10,00)	3,75 A			2.510 (330 - 3.310)	1.255	11,80
9[1] + 21	2,35	5,65			8,00 (2,50 - 8,50)	2,97 C			2.690 (390 - 3.490)	1.345	12,80	1,50 + 3,10	2,76	6,64			9,40 (2,20 - 10,00)	3,75 A			2.510 (330 - 3.310)	1.255	11,80
9[1] + 24	2,11	5,89			8,00 (2,50 - 8,50)	3,14 B			2.550 (380 - 3.340)	1.275	12,10	1,40 + 3,20	2,47	6,93			9,40 (2,20 - 10,30)	3,84 A			2.450 (330 - 3.490)	1.225	11,50
9[2] + 9[2]	2,80	2,80			5,60 (2,40 - 5,80)	3,31 A			1.690 (380 - 1.930)	845	8,10	1,60 + 1,60	3,60	3,60			7,20 (2,20 - 8,60)	3,41 B			2.110 (400 - 3.000)	1.055	9,90
9[2] + 12	2,80	3,20			6,00 (2,40 - 6,70)	3,21 A			1.870 (370 - 2.480)	935	8,90	1,60 + 1,80	3,59	4,11			7,70 (2,20 - 9,80)	3,47 B			2.220 (380 - 3.520)	1.110	10,40
9[2] + 15	2,80	4,00			6,80 (2,40 - 7,20)	2,93 C			2.320 (370 - 2.900)	1.160	11,00	1,60 + 2,30	3,54	5,06			8,60 (2,20 - 10,00)	3,61 A			2.380 (380 - 3.640)	1.190	11,20
9[2] + 18	2,80	5,00			7,80 (2,40 - 8,50)	3,06 B			2.550 (350 - 3.490)	1.275	12,10	1,60 + 2,70	3,37	6,03			9,40 (2,20 - 10,00)	3,75 A			2.510 (330 - 3.310)	1.255	11,80
9[2] + 21	2,55	5,45			8,00 (2,50 - 8,50)	2,97 C			2.690 (390 - 3.490)	1.345	12,80	1,60 + 2,90	2,99	6,41			9,40 (2,20 - 10,30)	3,75 A			2.510 (330 - 3.500)	1.255	11,80
9[2] + 24	2,29	5,71			8,00 (2,50 - 8,50)	3,14 B			2.550 (380 - 3.340)	1.275	12,10	1,50 + 3,10	2,69	6,71			9,40 (2,20 - 10,30)	3,84 A			2.450 (330 - 3.490)	1.225	11,50
12 + 12	3,20	3,20			6,40 (2,40 - 7,20)	3,14 B			2.040 (370 - 2.760)	1.020	9,70	1,80 + 1,80	4,05	4,05			8,10 (2,20 - 10,00)	3,45 B			2.350 (370 - 3.560)	1.175	11,00
12 + 15	3,20	4,00			7,20 (2,40 - 8,10)	2,86 C			2.520 (370 - 3.630)	1.260	12,00	1,80 + 2,30	4,04	5,06			9,10 (2,20 - 10,00)	3,57 B			2.550 (360 - 3.550)	1.275	12,00
12 + 18	3,12	4,88			8,00 (2,50 - 8,50)	3,14 B	5,60 A+[3]	8,00	2.550 (380 - 3.340)	500	12,10	1,80 + 2,70	3,67	5,73			9,40 (2,20 - 10,00)	3,87 A	3,80 A+[3]	8,00	2.430 (320 - 3.280)	2.947	11,40
12 + 21	2,78	5,22			8,00 (2,50 - 8,50)	3,14 B			2.550 (380 - 3.340)	1.275	12,10	1,60 + 2,90	3,27	6,13			9,40 (2,20 - 10,30)	3,87 A	3,87 A		2.430 (320 - 3.400)	1.215	11,40
12 + 24	2,51	5,49			8,00 (2,50 - 8,60)	3,21 A			2.490 (380 - 3.340)	1.245	11,80	1,50 + 3,00	2,95	6,45			9,40 (2,20 - 10,30)	3,88 A	3,88 A		2.420 (320 - 3.380)	1.210	11,40
15 + 15	4,00	4,00			8,00 (2,50 - 8,50)	2,60 E	5,60 A+[3]	8,00	3.080 (400 - 4.040)	500	14,60	2,30 + 2,30	4,70	4,70			9,40 (2,20 - 10,00)	3,56 B	3,80 A+[3]	8,00	2.640 (360 - 3.530)	2.947	12,40
15 + 18	3,56	4,44			8,00 (2,50 - 8,50)	3,14 B			2.550 (380 - 3.340)	1.275	12,10	2,10 + 2,50	4,18	5,22			9,40 (2,20 - 10,30)	3,88 A			2.420 (320 - 3.390)	1.210	11,40
15 + 21	3,20	4,80			8,00 (2,50 - 8,60)	3,14 B			2.550 (380 - 3.420)	1.275	12,10	1,80 + 2,60	3,76	5,64			9,40 (2,20 - 10,30)	3,88 A			2.420 (320 - 3.390)	1.210	11,40
15 + 24	2,91	5,09			8,00 (2,50 - 8,60)	3,21 A			2.490 (380 - 3.260)	1.245	11,80	1,70 + 2,80	3,42	5,98			9,40 (2,20 - 10,50)	3,90 A			2.410 (320 - 3.500)	1.205	11,30
18 + 18	4,00	4,00			8,00 (2,50 - 8,60)	3,59 A			2.230 (380 - 2.950)	1.115	10,60	2,30 + 2,30	4,70	4,70			9,40 (2,20 - 10,30)	4,18 A			2.250 (320 - 3.170)	1.125	10,60
18 + 21	3,64	4,36			8,00 (2,50 - 8,60)	3,59 A			2.230 (380 - 2.950)	1.115	10,60	2,10 + 2,40	4,27	5,13			9,40 (2,20 - 10,50)	4,18 A			2.250 (320 - 3.230)	1.125	10,60
18 + 24	3,33	4,67			8,00 (2,50 - 8,60)	3,69 A			2.170 (380 - 2.880)	1.085	10,30	1,90 + 2,50	3,92	5,48			9,40 (2,20 - 10,50)	4,20 A			2.240 (320 - 3.210)	1.120	10,50
21 + 21	4,00	4,00			8,00 (2,50 - 8,60)	3,59 A			2.230 (380 - 2.950)	1.115	10,60	2,30 + 2,30	4,70	4,70			9,40 (2,20 - 10,50)	4,18 A			2.250 (320 - 3.230)	1.125	10,60
21 + 24	3,69	4,31			8,00 (2,50 - 8,60)	3,69 A			2.170 (380 - 2.880)	1.085	10,30	2,10 + 2,40	4,34	5,06			9,40 (2,20 - 10,50)	4,20 A			2.240 (320 - 3.210	1.120	10,50
3 Rooms																							
5 + 5 + 5	1,60	1,60	1,60		4,80 (3,00 - 8,50)	4,44 A			1.080 (490 - 3.110)	540	5,20	1,00 + 1,00 + 1,00	2,87	2,87	2,87		8,61 (3,20 - 10,40)	4,08 A			2.110 (510 - 3.420)	1.055	9,90
5 + 5 + 7	1,60	1,60	2,00		5,20 (3,00 - 8,50)	4,41 A			1.180 (490 - 3.110)	590	5,70	1,00 + 1,00 + 1,30	2,65	2,65	3,31		8,61 (3,20 - 10,40)	4,20 A			2.050 (510 - 3.350)	1.025	9,60
5 + 5 + 9[1]	1,60	1,60	2,50		5,70 (3,00 - 8,50)	4,10 A			1.390 (490 - 3.110)	695	6,70	1,00 + 1,00 + 1,50	2,42	2,42	3,77		8,61 (3,20 - 10,40)	4,20 A			2.050 (510 - 3.350)	1.025	9,60
5 + 5 + 9[2]	1,60	1,60	2,80		6,00 (3,00 - 8,50)	4,00 A			1.500 (490 - 3.110)	750	7,20	1,00 + 1,00 + 1,60	2,30	2,30	4,01		8,61 (3,20 - 10,40)	4,20 A			2.050 (510 - 3.350)	1.025	9,60
5 + 5 + 12	1,60	1,60	3,20		6,40 (3,00 - 8,50)	3,83 A			1.670 (480 - 3.030)	835	8,00	1,00 + 1,00 + 1,80	2,15	2,15	4,31		8,61 (3,20 - 10,40)	4,26 A			2.020 (500 - 3.310)	1.010	9,50
5 + 5 + 15	1,60	1,60	4,00		7,20 (3,00 - 8,50)	3,71 A			1.940 (480 - 2.950)	970	9,20	1,00 + 1,00 + 2,30	1,91	1,91	4,79		8,61 (3,20 - 10,40)	4,28 A			2.010 (500 - 3.290)	1.005	9,40
5 + 5 + 18	1,56	1,56	4,88		8,00 (3,00 - 8,60)	3,81 A			2.100 (520 - 2.730)	1.050	10,00	1,00 + 1,00 + 2,70	1,68	1,68	5,25		8,61 (3,20 - 10,40)	4,53 A			1.900 (490 - 3.070)	950	8,90
5 + 5 + 21	1,39	1,39	5,22		8,00 (3,00 - 8,60)	3,81 A			2.100 (520 - 2.730)	1.050	10,00	0,90 + 0,90 + 2,90	1,50	1,50	5,61		8,61 (3,20 - 10,50)	4,53 A			1.900 (490 - 3.140)	950	8,90
5 + 5 + 24	1,25	1,25	5,50		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,80 + 0,80 + 3,00	1,35	1,35	5,91		8,61 (3,20 - 10,50)	4,56 A			1.890 (520 - 3.120)	945	8,90
5 + 7 + 7	1,60	2,00	2,00		5,60 (3,00 - 8,50)	4,18 A			1.340 (490 - 3.030)	670	6,40	1,00 + 1,30 + 1,30	2,45	3,08	3,08		8,61 (3,20 - 10,40)	4,22 A			2.040 (510 - 3.330)	1.020	9,60
5 + 7 + 9[1]	1,60	2,00	2,50		6,10 (3,00 - 8,50)	3,94 A			1.550 (490 - 3.030)	775	7,40	1,00 + 1,30 + 1,50	2,26	2,82	3,53		8,61 (3,20 - 10,40)	4,22 A			2.040 (510 - 3.330)	1.020	9,60
5 + 7 + 9[2]	1,60	2,00	2,80		6,40 (3,00 - 8,50)	3,83 A			1.670 (490 - 3.030)	835	8,00	1,00 + 1,30 + 1,60	2,15	2,69	3,77		8,61 (3,20 - 10,40)	4,22 A			2.040 (510 - 3.330)	1.020	9,60
5 + 7 + 12	1,60	2,00	3,20		6,80 (3,00 - 8,50)	3,84 A			1.770 (480 - 2.950)	885	8,40	1,00 + 1,30 + 1,80	2,03	2,53	4,05		8,61 (3,20 - 10,40)	4,28 A			2.010 (500 - 3.290)	1.005	9,40
5 + 7 + 15	1,60	2,00	4,00		7,60 (3,00 - 8,50)	3,57 A			2.130 (480 - 2.950)	1.065	10,10	1,00 + 1,30 + 2,30	1,81	2,27	4,53		8,61 (3,20 - 10,40)	4,31 A			2.000 (500 - 3.280)	1.000	9,40
5 + 7 + 18	1,49	1,86	4,65		8,00 (3,00 - 8,60)	3,81 A			2.100 (520 - 2.730)	1.050	10,00	0,90 + 1,20 + 2,50	1,60	2,00	5,01		8,61 (3,20 - 10,50)	4,53 A			1.900 (520 - 3.120)	950	8,90
5 + 7 + 21	1,33	1,67	5,00		8,00 (3,00 - 8,60)	3,81 A			2.100 (520 - 2.730)	1.050	10,00	0,80 + 1,10 + 2,70	1,44	1,79	5,38		8,61 (3,20 - 10,50)	4,53 A			1.900 (520 - 3.120)	950	8,90
5 + 7 + 24	1,21	1,51	5,28		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,80 + 1,00 + 2,90	1,30	1,62	5,69		8,61 (3,20 - 10,50)	4,56 A			1.890 (520 - 3.100)	945	8,90
5 + 9[1] + 9[1]	1,60	2,50	2,50		6,60 (3,00 - 8,50)	3,69 A			1.790 (490 - 3.030)	895	8,50	1,00 + 1,50 + 1,50	2,09	3,26	3,26		8,61 (3,20 - 10,40)	4,22 A			2.040 (510 - 3.330)	1.020	9,60
5 + 9[1] + 9[2]	1,60	2,50	2,80		6,90 (3,00 - 8,50)	3,77 A			1.830 (490 - 3.030)	915	8,70	1,00 + 1,50 + 1,60	2,00	3,12	3,49		8,61 (3,20 - 10,40)	4,22 A			2.040 (510 - 3.330)	1.020	9,60
5 + 9[1] + 12	1,60	2,50	3,20		7,30 (3,00 - 8,50)	3,65 A			2.000 (480 - 2.950)	1.000	9,50	1,00 + 1,50 + 1,80	1,89	2,95	3,77		8,61 (3,20 - 10,40)	4,28 A			2.010 (500 - 3.290)	1.005	9,40
5 + 9[1] + 15	1,58	2,47	3,95		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,00 + 1,50 + 2,30	1,70	2,66	4,25		8,61 (3,20 - 10,40)	4,31 A			2.000 (500 - 3.280)	1.000	9,40
5 + 9[1] + 18	1,40	2,20	4,40		8,00 (3,00 - 8,60)	3,81 A			2.100 (520 - 2.730)	1.050	10,00	0,90 + 1,40 + 2,40	1,51	2,37	4,73		8,61 (3,20 - 10,50)	4,53 A			1.900 (520 - 3.120)	950	8,90
5 + 9[1] + 21	1,27	1,98	4,75		8,00 (3,00 - 8,80)	3,81 A			2.100 (520 - 2.800)	1.050	10,00	0,80 + 1,30 + 2,60	1,36	2,13	5,12		8,61 (3,20 - 10,50)	4,53 A			1.900 (520 - 3.120)	950	8,90
5 + 9[1] + 24	1,15	1,80	5,05		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,70 + 1,20 + 2,80	1,24	1,94	5,43		8,61 (3,20 - 10,60)	4,56 A			1.890 (520 - 3.170)	945	8,90
5 + 9[2] + 9[2]	1,60	2,80	2,80		7,20 (3,00 - 8,50)	3,58 A			2.010 (490 - 3.030)	1.005	9,50	1,00 + 1,60 + 1,60	1,91	3,35	3,35		8,61 (3,20 - 10,40)	4,22 A			2.040 (510 - 3.330)	1.020	9,60
5 + 9[2] + 12	1,60	2,80	3,20		7,60 (3,00 - 8,50)	3,47 A			2.190 (480 - 2.950)	1.095	10,40	1,00 + 1,60 + 1,80	1,81	3,17	3,63		8,61 (3,20 - 10,40)	4,28 A			2.010 (500 - 3.290)	1.005	9,40
5 + 9[2] + 15	1,52	2,67	3,81		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,00 + 1,60 + 2,20	1,64	2,87	4,10		8,61 (3,20 - 10,40)	4,31 A			2.000 (500 - 3.280)	1.000	9,40
5 + 9[2] + 18	1,36	2,38	4,26		8,00 (3,00 - 8,60)	3,81 A			2.100 (520 - 2.730)	1.050	10,00	0,90 + 1,50 + 2,40	1,47	2,56	4,58		8,61 (3,20 - 10,50)	4,53 A			1.900 (520 - 3.120)	950	8,90
5 + 9[2] + 21	1,23	2,15	4,62		8,00 (3,00 - 8,80)	3,81 A			2.100 (520 - 2.800)	1.050	10,00	0,80 + 1,40 + 2,50	1,32	2,32	4,97		8,61 (3,20 - 10,50)	4,53 A			1.900 (520 - 3.120)	950	8,90
5 + 9[2] + 24	1,12	1,96	4,92		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,70 + 1,30 + 2,70	1,21	2,11	5,29		8,61 (3,20 - 10,60)	4,56 A			1.890 (520 - 3.170)	945	8,90
5 + 12 + 12	1,60	3,20	3,20		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	1,00 + 1,80 + 1,80	1,73	3,44	3,44		8,61 (3,20 - 10,40)	4,35 A			1.980 (500 - 3.250)	990	9,30
5 + 12 + 15	1,45	2,91	3,64		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	0,90 + 1,70 + 2,10	1,57	3,13	3,91		8,61 (3,20 - 10,50)	4,37 A			1.970 (490 - 3.240)	985	9,30
5 + 12 + 18	1,31	2,61	4,08		8,00 (3,00 - 8,60)	3,92 A			2.040 (520 - 2.650)	1.020	9,70	0,80 + 1,60 + 2,30	1,41	2,81	4,39		8,61 (3,20 - 10,50)	4,60 A			1.870 (520 - 3.090)	935	8,80
5 + 12 + 21	1,19	2,37	4,44		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,70 + 1,50 + 2,50	1,28	2,55	4,78		8,61 (3,20 - 10,50)	4,60 A			1.870 (520 - 3.090)	935	8,80
5 + 12 + 24	1,08	2,17	4,75		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	0,70 + 1,40 + 2,60	1,17	2,33	5,11		8,61 (3,20 - 10,60)	4,63 A			1.860 (520 - 3.130)	930	8,70
5 + 15 + 15	1,34	3,33	3,33		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	0,80 + 1,90 + 1,90	1,43	3,59	3,59		8,61 (3,20 - 10,50)	4,37 A			1.970 (490 - 3.230)	985	9,30
5 + 15 + 18	1,21	3,02	3,77		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,80 + 1,70 + 2,20	1,30	3,25	4,06		8,61 (3,20 - 10,50)	4,60 A			1.870 (520 - 3.070)	935	8,80
5 + 15 + 21	1,10	2,76	4,14		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,70 + 1,60 + 2,40	1,19	2,97	4,45		8,61 (3,20 - 10,60)	4,60 A			1.870 (520 - 3.140)	935	8,80
5 + 15 + 24	1,02	2,54	4,44		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	0,70 + 1,60 + 2,50	1,09	2,73	4,79		8,61 (3,20 - 10,60)	4,63 A			1.860 (530 - 3.120)	930	8,70

Free Multi 4x1 CU-4E27PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 13,6 kW

Indoor unit capacity	Cooling capacity (kW)					EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW)					COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
5 + 18 + 18	1,10	3,45	3,45		8,00 (3,00 - 8,80)	4,17 A			1.920 (570 - 2.580)	960	9,10	0,70 + 2,00 + 2,00	1,19	3,71	3,71		8,61 (3,20 - 10,60)	4,81 A			1.790 (580 - 3.000)	895	8,40
5 + 18 + 21	1,02	3,17	3,81		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	0,70 + 1,80 + 2,20	1,09	3,42	4,10		8,61 (3,20 - 10,60)	4,81 A			1.790 (580 - 3.000)	895	8,40
5 + 18 + 24	0,94	2,94	4,12		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	0,70 + 1,70 + 2,30	1,01	3,17	4,43		8,61 (3,20 - 10,60)	4,73 A			1.820 (610 - 2.990)	910	8,60
5 + 21 + 21	0,94	3,53	3,53		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	0,70 + 2,00 + 2,00	1,01	3,80	3,80		8,61 (3,20 - 10,60)	4,81 A			1.790 (580 - 3.000)	895	8,40
7 + 7 + 7	2,00	2,00	2,00		6,00 (3,00 - 8,50)	4,00 A			1.500 (480 - 3.030)	750	7,20	1,30 + 1,30 + 1,30	2,87	2,87	2,87		8,61 (3,20 - 10,40)	4,24 A			2.030 (500 - 3.320)	1.015	9,50
7 + 7 + 9[1]	2,00	2,00	2,50		6,50 (3,00 - 8,50)	3,76 A			1.730 (480 - 3.030)	865	8,30	1,30 + 1,30 + 1,50	2,77	2,77	3,46		9,00 (3,20 - 10,40)	4,15 A			2.170 (500 - 3.320)	1.085	10,20
7 + 7 + 9[2]	2,00	2,00	2,80		6,80 (3,00 - 8,50)	3,84 A			1.770 (480 - 3.030)	885	8,40	1,30 + 1,30 + 1,60	2,76	2,76	3,88		9,40 (3,20 - 10,40)	4,05 A			2.320 (500 - 3.320)	1.160	10,90
7 + 7 + 12	2,00	2,00	3,20		7,20 (3,00 - 8,50)	3,71 A			1.940 (480 - 2.950)	970	9,20	1,30 + 1,30 + 1,80	2,61	2,61	4,18		9,40 (3,20 - 10,40)	4,10 A			2.290 (500 - 3.280)	1.145	10,80
7 + 7 + 15	2,00	2,00	4,00		8,00 (3,00 - 8,60)	3,49 A	5,60 A+++[3]	8,00	2.290 (480 - 3.030)	500	10,90	1,30 + 1,30 + 2,30	2,35	2,35	4,70		9,40 (3,20 - 10,40)	3,56 A	3,80 A[3]	8,00	2.280 (500 - 3.260)	2.947	10,70
7 + 7 + 18	1,78	1,78	4,44		8,00 (3,00 - 8,60)	3,92 A			2.040 (520 - 2.650)	1.020	9,70	1,10 + 1,10 + 2,50	2,09	2,09	5,22		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
7 + 7 + 21	1,60	1,60	4,80		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,00 + 1,00 + 2,60	1,88	1,88	5,64		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
7 + 7 + 24	1,45	1,45	5,10		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.720)	1.020	9,70	0,90 + 0,90 + 2,80	1,71	1,71	5,98		9,40 (3,20 - 10,50)	4,37 A			2.150 (520 - 3.090)	1.075	10,10
7 + 9[1] + 9[1]	2,00	2,50	2,50		7,00 (3,00 - 8,50)	3,70 A			1.890 (480 - 3.030)	945	9,00	1,30 + 1,50 + 1,50	2,68	3,36	3,36		9,40 (3,20 - 10,40)	4,05 A			2.320 (500 - 3.320)	1.160	10,90
7 + 9[1] + 9[2]	2,00	2,50	2,80		7,30 (3,00 - 8,50)	3,63 A			2.010 (480 - 3.030)	1.005	9,50	1,30 + 1,50 + 1,60	2,57	3,22	3,61		9,40 (3,20 - 10,40)	4,05 A			2.320 (500 - 3.320)	1.160	10,90
7 + 9[1] + 12	2,00	2,50	3,20		7,70 (3,00 - 8,50)	3,65 A			2.110 (480 - 2.950)	1.055	10,00	1,30 + 1,50 + 1,80	2,44	3,05	3,91		9,40 (3,20 - 10,40)	4,10 A			2.290 (500 - 3.280)	1.145	10,80
7 + 9[1] + 15	1,88	2,35	3,77		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,20 + 1,50 + 2,20	2,21	2,76	4,43		9,40 (3,20 - 10,40)	4,12 A			2.280 (500 - 3.260)	1.140	10,70
7 + 9[1] + 18	1,68	2,11	4,21		8,00 (3,00 - 8,60)	3,92 A			2.040 (520 - 2.650)	1.020	9,70	1,10 + 1,40 + 2,40	1,98	2,47	4,95		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
7 + 9[1] + 21	1,52	1,90	4,58		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,00 + 1,20 + 2,50	1,79	2,24	5,37		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
7 + 9[1] + 24	1,39	1,74	4,87		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.720)	1.020	9,70	0,90 + 1,10 + 2,70	1,63	2,04	5,73		9,40 (3,20 - 10,60)	4,37 A			2.150 (520 - 3.150)	1.075	10,10
7 + 9[2] + 9[2]	2,00	2,80	2,80		7,60 (3,00 - 8,50)	3,47 A			2.190 (480 - 3.030)	1.095	10,40	1,30 + 1,60 + 1,60	2,48	3,46	3,46		9,40 (3,20 - 10,40)	4,05 A			2.320 (500 - 3.320)	1.160	10,90
7 + 9[2] + 12	2,00	2,80	3,20		8,00 (3,00 - 8,60)	3,49 A	5,60 A+++[3]	8,00	2.290 (480 - 3.030)	500	10,90	1,30 + 1,60 + 1,80	2,35	3,29	3,76		9,40 (3,20 - 10,40)	4,10 A	3,80 A[3]	8,00	2.290 (500 - 3.280)	2.947	10,80
7 + 9[2] + 15	1,81	2,55	3,64		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,20 + 1,60 + 2,10	2,14	2,99	4,27		9,40 (3,20 - 10,50)	4,12 A			2.280 (500 - 3.330)	1.140	10,70
7 + 9[2] + 18	1,63	2,29	4,08		8,00 (3,00 - 8,60)	3,92 A			2.040 (520 - 2.650)	1.020	9,70	1,00 + 1,50 + 2,30	1,91	2,69	4,80		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
7 + 9[2] + 21	1,48	2,07	4,45		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,90 + 1,30 + 2,50	1,74	2,44	5,22		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
7 + 9[2] + 24	1,35	1,90	4,75		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	0,90 + 1,20 + 2,60	1,59	2,23	5,58		9,40 (3,20 - 10,60)	4,37 A			2.150 (520 - 3.150)	1.075	10,10
7 + 12 + 12	1,90	3,05	3,05		8,00 (3,00 - 8,60)	3,59 A	5,60 A+++[3]	8,00	2.230 (480 - 2.950)	500	10,60	1,20 + 1,70 + 1,70	2,24	3,58	3,58		9,40 (3,20 - 10,40)	4,16 A	3,80 A[3]	8,00	2.260 (490 - 3.240)	2.947	10,60
7 + 12 + 15	1,74	2,78	3,48		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	1,10 + 1,60 + 2,00	2,04	3,27	4,09		9,40 (3,20 - 10,50)	4,18 A			2.250 (490 - 3.230)	1.125	10,60
7 + 12 + 18	1,57	2,51	3,92		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,00 + 1,50 + 2,30	1,84	2,95	4,61		9,40 (3,20 - 10,50)	4,39 A			2.140 (520 - 3.070)	1.070	10,10
7 + 12 + 21	1,42	2,29	4,29		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	0,90 + 1,50 + 2,40	1,67	2,69	5,04		9,40 (3,20 - 10,60)	4,39 A			2.140 (520 - 3.140)	1.070	10,10
7 + 12 + 24	1,31	2,10	4,59		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	0,80 + 1,40 + 2,50	1,54	2,47	5,39		9,40 (3,20 - 10,60)	4,43 A			2.120 (530 - 3.120)	1.060	10,00
7 + 15 + 15	1,60	3,20	3,20		8,00 (3,00 - 8,80)	3,59 A			2.230 (480 - 3.030)	1.115	10,60	1,00 + 1,80 + 1,80	1,88	3,76	3,76		9,40 (3,20 - 10,50)	4,20 A			2.240 (490 - 3.210)	1.120	10,50
7 + 15 + 18	1,45	2,91	3,64		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.720)	1.020	9,70	0,90 + 1,70 + 2,10	1,71	3,42	4,27		9,40 (3,20 - 10,50)	4,41 A			2.130 (530 - 3.060)	1.065	10,00
7 + 15 + 21	1,33	2,67	4,00		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	0,80 + 1,60 + 2,30	1,57	3,13	4,70		9,40 (3,20 - 10,60)	4,41 A			2.130 (530 - 3.120)	1.065	10,00
7 + 15 + 24	1,23	2,46	4,31		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	0,80 + 1,50 + 2,40	1,45	2,89	5,06		9,40 (3,20 - 10,60)	4,43 A			2.120 (530 - 3.110)	1.060	10,00
7 + 18 + 18	1,34	3,33	3,33		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	0,80 + 1,90 + 1,90	1,56	3,92	3,92		9,40 (3,20 - 10,60)	4,61 A			2.040 (600 - 2.990)	1.020	9,60
7 + 18 + 21	1,23	3,08	3,69		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	0,80 + 1,70 + 2,10	1,44	3,62	4,34		9,40 (3,20 - 10,60)	4,61 A			2.040 (600 - 2.990)	1.020	9,60
9[1] + 9[1] + 9[1]	2,50	2,50	2,50		7,50 (3,00 - 8,50)	3,52 A			2.130 (480 - 3.030)	1.065	10,10	1,50 + 1,50 + 1,50	3,13	3,13	3,13		9,39 (3,20 - 10,40)	4,05 A			2.320 (500 - 3.320)	1.160	10,90
9[1] + 9[1] + 9[2]	2,50	2,50	2,80		7,80 (3,00 - 8,50)	3,50 A			2.230 (480 - 3.030)	1.115	10,60	1,50 + 1,50 + 1,60	3,01	3,01	3,38		9,40 (3,20 - 10,40)	4,05 A			2.320 (500 - 3.320)	1.160	10,90
9[1] + 9[1] + 12	2,44	2,44	3,12		8,00 (3,00 - 8,60)	3,49 A	5,60 A+++[3]	8,00	2.290 (480 - 3.030)	500	10,90	1,50 + 1,50 + 1,80	2,87	2,87	3,66		9,40 (3,20 - 10,40)		3,80 A[3]	8,00	2.290 (500 - 3.280)	2.947	10,80
9[1] + 9[1] + 15	2,22	2,22	3,56		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,40 + 1,40 + 2,10	2,61	2,61	4,18		9,40 (3,20 - 10,50)	4,12 A			2.280 (500 - 3.330)	1.140	10,70
9[1] + 9[1] + 18	2,00	2,00	4,00		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,30 + 1,30 + 2,30	2,35	2,35	4,70		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
9[1] + 9[1] + 21	1,82	1,82	4,36		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,20 + 1,20 + 2,40	2,14	2,14	5,12		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
9[1] + 9[1] + 24	1,67	1,67	4,66		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,10 + 1,10 + 2,50	1,96	1,96	5,48		9,40 (3,20 - 10,60)	4,37 A			2.150 (520 - 3.150)	1.075	10,10
9[1] + 9[2] + 9[2]	2,46	2,77	2,77		8,00 (3,00 - 8,60)	3,39 A	5,60 A+++[3]	8,00	2.360 (480 - 3.110)	500	11,20	1,50 + 1,60 + 1,60	2,90	3,25	3,25		9,40 (3,20 - 10,40)		3,8 0 A[3]	8,00	2.320 (500 - 3.320)	2.947	10,90
9[1] + 9[2] + 12	2,35	2,64	3,01		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,50 + 1,60 + 1,70	2,76	3,10	3,54		9,40 (3,20 - 10,40)	4,10 A			2.290 (500 - 3.280)	1.145	10,80
9[1] + 9[2] + 15	2,15	2,41	3,44		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,40 + 1,50 + 2,00	2,53	2,83	4,04		9,40 (3,20 - 10,50)	4,12 A			2.280 (500 - 3.330)	1.140	10,70
9[1] + 9[2] + 18	1,94	2,17	3,89		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,30 + 1,40 + 2,30	2,28	2,56	4,56		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
9[1] + 9[2] + 21	1,77	1,98	4,25		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,10 + 1,30 + 2,40	2,08	2,33	4,99		9,40 (3,20 - 10,60)	4,35 A			2.160 (520 - 3.170)	1.080	10,20
9[1] + 9[2] + 24	1,63	1,82	4,55		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,00 + 1,20 + 2,50	1,91	2,14	5,35		9,40 (3,20 - 10,60)	4,37 A			2.150 (520 - 3.150)	1.075	10,10
9[1] + 12 + 12	2,24	2,88	2,88		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	1,50 + 1,70 + 1,70	2,64	3,38	3,38		9,40 (3,20 - 10,50)	4,16 A			2.260 (490 - 3.240)	1.130	10,60
9[1] + 12 + 15	2,06	2,64	3,30		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	1,30 + 1,60 + 1,90	2,42	3,10	3,88		9,40 (3,20 - 10,50)	4,18 A			2.250 (490 - 3.230)	1.125	10,60
9[1] + 12 + 18	1,87	2,39	3,74		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,20 + 1,50 + 2,20	2,20	2,81	4,39		9,40 (3,20 - 10,50)	4,39 A			2.140 (520 - 3.070)	1.070	10,10
9[1] + 12 + 21	1,71	2,19	4,10		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,10 + 1,40 + 2,30	2,01	2,57	4,82		9,40 (3,20 - 10,60)	4,39 A			2.140 (520 - 3.140)	1.070	10,10
9[1] + 12 + 24	1,57	2,02	4,41		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	1,00 + 1,30 + 2,40	1,85	2,37	5,18		9,40 (3,20 - 10,60)	4,43 A			2.120 (530 - 3.120)	1.060	10,00
9[1] + 15 + 15	1,90	3,05	3,05		8,00 (3,00 - 8,80)	3,59 A			2.230 (480 - 3.030)	1.115	10,60	1,20 + 1,70 + 1,70	2,24	3,58	3,58		9,40 (3,20 - 10,50)	4,20 A			2.240 (490 - 3.210)	1.120	10,50
9[1] + 15 + 18	1,74	2,78	3,48		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.720)	1.020	9,70	1,10 + 1,60 + 2,00	2,04	3,27	4,09		9,40 (3,20 - 10,60)	4,41 A			2.130 (530 - 3.120)	1.065	10,00
9[1] + 15 + 21	1,60	2,56	3,84		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,00 + 1,60 + 2,20	1,88	3,01	4,51		9,40 (3,20 - 10,60)	4,41 A			2.130 (530 - 3.120)	1.065	10,00
9[1] + 15 + 24	1,48	2,37	4,15		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	0,90 + 1,50 + 2,40	1,74	2,79	4,87		9,40 (3,20 - 10,60)	4,43 A			2.120 (530 - 3.110)	1.060	10,00
9[1] + 18 + 18	1,60	3,20	3,20		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	1,00 + 1,80 + 1,80	1,88	3,76	3,76		9,40 (3,20 - 10,60)	4,61 A			2.040 (600 - 2.990)	1.020	9,60
9[1] + 18 + 21	1,48	2,96	3,56		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	0,90 + 1,70 + 2,10	1,74	3,48	4,18		9,40 (3,20 - 10,60)	4,61 A			2.040 (600 - 2.990)	1.020	9,60
9[2] + 9[2] + 9[2]	2,66	2,67	2,67		8,00 (3,00 - 8,60)	3,39 A	5,60 A+++[3]	8,00	2.360 (480 - 3.110)	500	11,20	1,60 + 1,60 + 1,60	3,13	3,13	3,14		9,40 (3,20 - 10,40)	4,05 A	3,80 A[3]	8,00	2.320 (500 - 3.320)	2.947	10,90
9[2] + 9[2] + 12	2,55	2,55	2,90		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,60 + 1,60 + 1,70	2,99	2,99	3,42		9,40 (3,20 - 10,50)	4,10 A			2.290 (500 - 3.340)	1.145	10,80
9[2] + 9[2] + 15	2,33	2,33	3,34		8,00 (3,00 - 8,60)	3,49 A			2.290 (480 - 3.030)	1.145	10,90	1,50 + 1,50 + 1,90	2,74	2,74	3,92		9,40 (3,20 - 10,50)	4,12 A			2.280 (500 - 3.330)	1.140	10,70
9[2] + 9[2] + 18	2,11	2,11	3,78		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,40 + 1,40 + 2,20	2,48	2,48	4,44		9,40 (3,20 - 10,50)	4,35 A			2.160 (520 - 3.110)	1.080	10,20
9[2] + 9[2] + 21	1,93	1,93	4,14		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,20 + 1,20 + 2,40	2,27	2,27	4,86		9,40 (3,20 - 10,60)	4,35 A			2.160 (520 - 3.170)	1.080	10,20
9[2] + 9[2] + 24	1,78	1,78	4,44		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,10 + 1,10 + 2,50	2,09	2,09	5,22		9,40 (3,20 - 10,60)	4,37 A			2.150 (520 - 3.150)	1.075	10,10
9[2] + 12 + 12	2,44	2,78	2,78		8,00 (3,00 - 8,60)	3,59 A			2.230 (480 - 2.950)	1.115	10,60	1,50 + 1,60 + 1,60	2,86	3,27	3,27		9,40 (3,20 - 10,50)	4,16 A			2.260 (490 - 3.240)	1.130	10,60
9[2] + 12 + 15	2,24	2,56	3,20		8,00 (3,00 - 8,80)	3,59 A			2.230 (480 - 3.100)	1.115	10,60	1,50 + 1,60 + 1,80	2,63	3,01	3,76		9,40 (3,20 - 10,50)	4,18 A			2.250 (490 - 3.230)	1.125	10,60
9[2] + 12 + 18	2,03	2,33	3,64		8,00 (3,00 - 8,80)	3,92 A			2.040 (520 - 2.800)	1.020	9,70	1,30 + 1,50 + 2,10	2,39	2,73	4,28		9,40 (3,20 - 10,50)	4,39 A			2.140 (520 - 3.070)	1.070	10,10
9[2] + 12 + 21	1,87	2,13	4,00		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,20 + 1,40 + 2,30	2,19	2,51	4,70		9,40 (3,20 - 10,60)	4,39 A			2.140 (520 - 3.140)	1.070	10,10
9[2] + 12 + 24	1,72	1,97	4,31		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	1,10 + 1,30 + 2,40	2,02	2,31	5,07		9,40 (3,20 - 10,60)	4,43 A			2.120 (530 - 3.120)	1.060	10,00
9[2] + 15 + 15	2,08	2,96	2,96		8,00 (3,00 - 8,80)	3,59 A			2.230 (480 - 3.030)	1.115	10,60	1,30 + 1,70 + 1,70	2,44	3,48	3,48		9,40 (3,20 - 10,50)	4,20 A			2.240 (490 - 3.210)	1.120	10,50
9[2] + 15 + 18	1,90	2,71	3,39		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,20 + 1,60 + 1,90	2,23	3,19	3,98		9,40 (3,20 - 10,60)	4,41 A			2.130 (530 - 3.120)	1.065	10,00
9[2] + 15 + 21	1,75	2,50	3,75		8,00 (3,00 - 9,00)	3,92 A			2.040 (520 - 2.870)	1.020	9,70	1,10 + 1,50 + 2,20	2,05	2,94	4,41		9,40 (3,20 - 10,60)	4,41 A			2.130 (530 - 3.120)	1.065	10,00
9[2] + 18 + 18	1,74	3,13	3,13		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	1,10 + 1,80 + 1,80	2,06	3,67	3,67		9,40 (3,20 - 10,60)	4,61 A			2.040 (600 - 2.990)	1.020	9,60
12 + 12 + 12	2,66	2,66	2,66		7,98 (3,00 - 8,60)	3,68 A			2.170 (480 - 2.880)	1.085	10,30	1,60 + 1,60 + 1,60	3,13	3,13	3,13		9,39 (3,20 - 10,50)	4,21 A			2.230 (490 - 3.200)	1.115	10,50
12 + 12 + 15	2,46	2,46	3,08		8,00 (3,00 - 8,80)	3,69 A			2.170 (480 - 3.030)	1.085	10,30	1,50 + 1,50 + 1,70	2,89	2,89	3,62		9,40 (3,20 - 10,50)	4,23 A			2.220 (490 - 3.190)	1.110	10,40
12 + 12 + 18	2,25	2,25	3,50		8,00 (3,00 - 8,80)	4,04 A			1.980 (520 - 2.720)	990	9,40	1,50 + 1,50 + 2,00	2,64	2,64	4,12		9,40 (3,20 - 10,60)	4,45 A			2.110 (530 - 3.100)	1.055	9,90
12 + 12 + 21	2,06	2,06	3,88		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.870)	990	9,40	1,30 + 1,30 + 2,30	2,43	2,43	4,54		9,40 (3,20 - 10,60)	4,45 A			2.110 (530 - 3.100)	1.055	9,90
12 + 12 + 24	1,91	1,91	4,18		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	1,20 + 1,20 + 2,40	2,24	2,24	4,92		9,40 (3,20 - 10,60)	4,48 A			2.100 (530 - 3.090)	1.050	9,90
12 + 15 + 15	2,28	2,86	2,86		8,00 (3,00 - 8,80)	3,69 A			2.170 (480 - 2.950)	1.085	10,30	1,50 + 1,70 + 1,70	2,68	3,36	3,36		9,40 (3,20 - 10,60)	4,25 A			2.210 (490 - 3.240)	1.105	10,40
12 + 15 + 18	2,10	2,62	3,28		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	1,40 + 1,60 + 1,90	2,47	3,08	3,85		9,40 (3,20 - 10,60)	4,48 A			2.100 (530 - 3.090)	1.050	9,90
12 + 15 + 21	1,94	2,42	3,64		8,00 (3,00 - 9,00)	4,04 A			1.980 (520 - 2.800)	990	9,40	1,30 + 1,50 + 2,10	2,28	2,85	4,27		9,40 (3,20 - 10,60)	4,48 A			2.100 (530 - 3.090)	1.050	9,90
12 + 18 + 18	1,94	3,03	3,03		8,00 (3,00 - 9,00)	4,17 A			1.920 (570 - 2.650)	960	9,10	1,30 + 1,70 + 1,70	2,28	3,56	3,56		9,40 (3,20 - 10,60)	4,65 A			2.020 (620 - 2.960)	1.010	9,50
15 + 15 + 15	2,66	2,66	2,66		7,98 (3,00 - 9,00)	3,68 A			2.170 (480 - 3.100)	1.085	10,30	1,60 + 1,60 + 1,60	3,13	3,13	3,13		9,39 (3,20 - 10,60)	4,27 A			2.200 (490 - 3.220)	1.100	10,30
15 + 15 + 18	2,46	2,46	3,08		8,00 (3,00 - 9,00	4,04 A			1.980 (520 - 2.800)	990	9,40	1,50 + 1,50 + 1,70	2,89	2,89	3,62		9,40 (3,20 - 10,60	4,48 A			2.100 (560 - 3.080)	1.050	9,90

1) For Etherea. 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.

* Data for not simultaneous operation.

Free Multi combinations table

Free Multi 4x1 CU-4E27PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 13,6 kW																							
Indoor unit capacity	Cooling capacity (kW) Rooms					EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW) Rooms					COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
4 Rooms																							
5 + 5 + 5 + 5	1,60	1,60	1,60	1,60	6,40 (3,00 - 9,20)	4,30 A			1.490 (520 - 2.950)	745	7,10	1,00 + 1,00 + 1,00 + 1,00	2,35	2,35	2,35	2,35	9,40 (4,20 - 10,60)	4,43 A			2.120 (700 - 3.110)	1.060	10,00
5 + 5 + 5 + 7	1,60	1,60	1,60	2,00	6,80 (3,00 - 9,20)	4,28 A			1.590 (520 - 2.870)	795	7,60	1,00 + 1,00 + 1,00 + 1,30	2,21	2,21	2,21	2,77	9,40 (4,20 - 10,60)	4,45 A			2.110 (700 - 3.100)	1.055	9,90
5 + 5 + 5 + 9[1]	1,60	1,60	1,60	2,50	7,30 (3,00 - 9,20)	4,15 A			1.760 (520 - 2.870)	880	8,30	1,00 + 1,00 + 1,00 + 1,50	2,06	2,06	2,06	3,22	9,40 (4,20 - 10,60)	4,45 A			2.110 (700 - 3.100)	1.055	9,90
5 + 5 + 5 + 9[2]	1,60	1,60	1,60	2,80	7,60 (3,00 - 9,20)	4,06 A			1.870 (520 - 2.870)	935	8,90	1,00 + 1,00 + 1,00 + 1,60	1,98	1,98	1,98	3,46	9,40 (4,20 - 10,60)	4,45 A			2.110 (700 - 3.100)	1.055	9,90
5 + 5 + 5 + 12	1,60	1,60	1,60	3,20	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,00 + 1,00 + 1,80	1,88	1,88	1,88	3,76	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.060)	1.045	9,80
5 + 5 + 5 + 15	1,45	1,45	1,45	3,65	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 0,90 + 0,90 + 2,10	1,71	1,71	1,71	4,27	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.050)	1.040	9,80
5 + 5 + 5 + 18	1,31	1,31	1,31	4,07	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.730)	935	8,90	0,80 + 0,80 + 0,80 + 2,30	1,53	1,53	1,53	4,81	9,40 (4,20 - 10,60)	4,59 A			2.050 (780 - 2.930)	1.025	9,60
5 + 5 + 5 + 21	1,19	1,19	1,19	4,43	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.730)	935	8,90	0,70 + 0,70 + 0,70 + 2,50	1,39	1,39	1,39	5,23	9,40 (4,20 - 10,60)	4,59 A			2.050 (780 - 2.930)	1.025	9,60
5 + 5 + 5 + 24	1,08	1,08	1,08	4,76	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 0,70 + 2,60	1,27	1,27	1,27	5,59	9,40 (4,20 - 10,60)	4,61 A			2.040 (790 - 2.920)	1.020	9,60
5 + 5 + 7 + 7	1,60	1,60	2,00	2,00	7,20 (3,00 - 9,20)	4,24 A			1.700 (530 - 2.870)	850	8,10	1,00 + 1,00 + 1,30 + 1,30	2,09	2,09	2,61	2,61	9,40 (4,20 - 10,60)	4,48 A			2.100 (700 - 3.080)	1.050	9,90
5 + 5 + 7 + 9[1]	1,60	1,60	2,00	2,50	7,70 (3,00 - 9,20)	4,14 A			1.860 (530 - 2.870)	930	8,80	1,00 + 1,00 + 1,30 + 1,50	1,95	1,95	2,44	3,06	9,40 (4,20 - 10,60)	4,48 A			2.100 (700 - 3.080)	1.050	9,90
5 + 5 + 7 + 9[2]	1,60	1,60	2,00	2,80	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,00 + 1,30 + 1,60	1,88	1,88	2,35	3,29	9,40 (4,20 - 10,60)	4,48 A			2.100 (700 - 3.080)	1.050	9,90
5 + 5 + 7 + 12	1,52	1,52	1,90	3,06	8,00 (3,00 - 9,20)	4,17 A			1.920 (530 - 2.870)	960	9,10	1,00 + 1,00 + 1,20 + 1,70	1,79	1,79	2,24	3,58	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.050)	1.040	9,80
5 + 5 + 7 + 15	1,39	1,39	1,74	3,48	8,00 (3,00 - 9,20)	4,17 A			1.920 (560 - 2.870)	960	9,10	0,90 + 0,90 + 1,10 + 2,00	1,63	1,63	2,04	4,10	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 5 + 7 + 18	1,25	1,25	1,57	3,93	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 0,80 + 1,00 + 2,30	1,47	1,47	1,84	4,62	9,40 (4,20 - 10,60)	4,61 A			2.040 (780 - 2.920)	1.020	9,60
5 + 5 + 7 + 21	1,14	1,14	1,43	4,29	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,70 + 0,90 + 2,40	1,34	1,34	1,68	5,04	9,40 (4,20 - 10,60)	4,61 A			2.040 (780 - 2.920)	1.020	9,60
5 + 5 + 7 + 24	1,05	1,05	1,31	4,59	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 0,80 + 2,50	1,23	1,23	1,54	5,40	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 5 + 9[1] + 9[1]	1,56	1,56	2,44	2,44	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,00 + 1,50 + 1,50	1,83	1,83	2,87	2,87	9,40 (4,20 - 10,60)	4,48 A			2.100 (700 - 3.080)	1.050	9,90
5 + 5 + 9[1] + 9[2]	1,51	1,51	2,34	2,64	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,00 + 1,50 + 1,60	1,77	1,77	2,76	3,10	9,40 (4,20 - 10,60)	4,48 A			2.100 (700 - 3.080)	1.050	9,90
5 + 5 + 9[1] + 12	1,44	1,44	2,24	2,88	8,00 (3,00 - 9,20)	4,17 A			1.920 (530 - 2.870)	960	9,10	0,90 + 0,90 + 1,50 + 1,70	1,69	1,69	2,64	3,38	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.050)	1.040	9,80
5 + 5 + 9[1] + 15	1,32	1,32	2,06	3,30	8,00 (3,00 - 9,20)	4,17 A			1.920 (560 - 2.870)	960	9,10	0,80 + 0,80 + 1,30 + 1,90	1,55	1,55	2,42	3,88	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 5 + 9[1] + 18	1,20	1,20	1,86	3,74	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,70 + 1,20 + 2,20	1,41	1,41	2,19	4,39	9,40 (4,20 - 10,60)	4,61 A			2.040 (780 - 2.920)	1.020	9,60
5 + 5 + 9[1] + 21	1,09	1,09	1,71	4,11	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,70 + 1,10 + 2,30	1,29	1,29	2,00	4,82	9,40 (4,20 - 10,60)	4,61 A			2.040 (780 - 2.920)	1.020	9,60
5 + 5 + 9[1] + 24	1,01	1,01	1,57	4,41	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 1,00 + 2,40	1,18	1,18	1,85	5,19	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 5 + 9[2] + 9[2]	1,45	1,45	2,55	2,55	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 0,90 + 1,60 + 1,60	1,71	1,71	2,99	2,99	9,40 (4,20 - 10,60)	4,48 A			2.100 (700 - 3.080)	1.050	9,90
5 + 5 + 9[2] + 12	1,39	1,39	2,43	2,79	8,00 (3,00 - 9,20)	4,17 A			1.920 (530 - 2.870)	960	9,10	0,90 + 0,90 + 1,50 + 1,60	1,63	1,63	2,86	3,28	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.050)	1.040	9,80
5 + 5 + 9[2] + 15	1,28	1,28	2,24	3,20	8,00 (3,00 - 9,20)	4,17 A			1.920 (560 - 2.870)	960	9,10	0,80 + 0,80 + 1,50 + 1,80	1,50	1,50	2,63	3,77	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 5 + 9[2] + 18	1,16	1,16	2,04	3,64	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,70 + 1,30 + 2,10	1,37	1,37	2,39	4,27	9,40 (4,20 - 10,60)	4,61 A			2.040 (780 - 2.920)	1.020	9,60
5 + 5 + 9[2] + 21	1,07	1,07	1,86	4,00	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,70 + 1,20 + 2,30	1,25	1,25	2,19	4,71	9,40 (4,20 - 10,60)	4,61 A			2.040 (780 - 2.920)	1.020	9,60
5 + 5 + 9[2] + 24	0,98	0,98	1,72	4,32	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 1,10 + 2,40	1,16	1,16	2,02	5,06	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 5 + 12 + 12	1,33	1,33	2,67	2,67	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 0,80 + 1,60 + 1,60	1,57	1,57	3,13	3,13	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
5 + 5 + 12 + 15	1,23	1,23	2,46	3,08	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 0,80 + 1,50 + 1,70	1,45	1,45	2,88	3,62	9,40 (4,20 - 10,60)	4,59 A			2.050 (740 - 3.010)	1.025	9,60
5 + 5 + 12 + 18	1,12	1,12	2,25	3,51	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 1,50 + 2,00	1,32	1,32	2,64	4,12	9,40 (4,20 - 10,60)	4,63 A			2.030 (820 - 2.960)	1.015	9,50
5 + 5 + 12 + 21	1,03	1,03	2,06	3,88	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 1,30 + 2,30	1,21	1,21	2,43	4,55	9,40 (4,20 - 10,60)	4,63 A			2.030 (820 - 2.960)	1.015	9,50
5 + 5 + 12 + 24	0,96	0,96	1,90	4,18	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,70 + 1,20 + 2,40	1,12	1,12	2,24	4,92	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 5 + 15 + 15	1,14	1,14	2,86	2,86	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 0,70 + 1,70 + 1,70	1,34	1,34	3,36	3,36	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
5 + 5 + 15 + 18	1,05	1,05	2,62	3,28	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 1,60 + 1,90	1,23	1,23	3,08	3,86	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 5 + 15 + 21	0,97	0,97	2,42	3,64	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.660)	935	8,90	0,70 + 0,70 + 1,50 + 2,10	1,14	1,14	2,85	4,27	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 5 + 18 + 18	0,97	0,97	3,03	3,03	8,00 (3,00 - 9,20)	4,26 A			1.880 (690 - 2.600)	940	8,90	0,70 + 0,70 + 1,70 + 1,70	1,14	1,14	3,56	3,56	9,40 (4,20 - 10,60)	4,56 A			2.060 (950 - 2.920)	1.030	9,70
5 + 7 + 7 + 7	1,60	2,00	2,00	2,00	7,60 (3,00 - 9,20)	4,06 A			1.870 (530 - 2.870)	935	8,90	1,00 + 1,30 + 1,30 + 1,30	1,99	2,47	2,47	2,47	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 7 + 7 + 9[1]	1,57	1,98	1,98	2,47	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,30 + 1,30 + 1,50	1,86	2,32	2,32	2,90	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 7 + 7 + 9[2]	1,52	1,90	1,90	2,68	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,20 + 1,20 + 1,60	1,79	2,24	2,24	3,13	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 7 + 7 + 12	1,45	1,82	1,82	2,91	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,20 + 1,20 + 1,70	1,70	2,14	2,14	3,42	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 7 + 7 + 15	1,33	1,67	1,67	3,33	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,10 + 1,10 + 1,90	1,56	1,96	1,96	3,92	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
5 + 7 + 7 + 18	1,21	1,51	1,51	3,77	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 1,00 + 1,00 + 2,20	1,42	1,77	1,77	4,44	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 7 + 7 + 21	1,10	1,38	1,38	4,14	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,90 + 0,90 + 2,40	1,30	1,62	1,62	4,86	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 7 + 7 + 24	1,02	1,27	1,27	4,44	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,80 + 0,80 + 2,50	1,19	1,49	1,49	5,23	9,40 (4,20 - 10,60)	4,63 A			2.030 (820 - 2.960)	1.015	9,50
5 + 7 + 9[1] + 9[1]	1,48	1,86	2,33	2,33	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 1,20 + 1,50 + 1,50	1,75	2,19	2,73	2,73	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 7 + 9[1] + 9[2]	1,43	1,80	2,25	2,52	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 1,20 + 1,50 + 1,50	1,69	2,11	2,64	2,96	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 7 + 9[1] + 12	1,38	1,72	2,15	2,75	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,10 + 1,40 + 1,60	1,62	2,02	2,53	3,23	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 7 + 9[1] + 15	1,27	1,58	1,98	3,17	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,00 + 1,30 + 1,80	1,49	1,86	2,33	3,72	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
5 + 7 + 9[1] + 18	1,15	1,44	1,80	3,61	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,90 + 1,20 + 2,10	1,35	1,69	2,12	4,24	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 7 + 9[1] + 21	1,06	1,32	1,65	3,97	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,80 + 1,10 + 2,30	1,24	1,55	1,94	4,67	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 7 + 9[1] + 24	0,98	1,22	1,53	4,27	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,80 + 1,00 + 2,40	1,15	1,44	1,79	5,02	9,40 (4,20 - 10,60)	4,63 A			2.030 (820 - 2.960)	1.015	9,50
5 + 7 + 9[2] + 9[2]	1,40	1,74	2,43	2,43	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 1,10 + 1,50 + 1,50	1,63	2,05	2,86	2,86	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 7 + 9[2] + 12	1,33	1,67	2,33	2,67	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,10 + 1,50 + 1,60	1,57	1,96	2,74	3,13	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 7 + 9[2] + 15	1,23	1,54	2,15	3,08	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,00 + 1,40 + 1,70	1,44	1,81	2,53	3,62	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
5 + 7 + 9[2] + 18	1,12	1,40	1,96	3,52	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,90 + 1,30 + 2,00	1,32	1,65	2,31	4,12	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 7 + 9[2] + 21	1,03	1,29	1,81	3,87	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 0,80 + 1,20 + 2,30	1,21	1,52	2,12	4,55	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 7 + 9[2] + 24	0,96	1,19	1,67	4,18	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,70 + 1,10 + 2,40	1,12	1,40	1,96	4,92	9,40 (4,20 - 10,60)	4,63 A			2.030 (820 - 2.960)	1.015	9,50
5 + 7 + 12 + 12	1,28	1,60	2,56	2,56	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,00 + 1,60 + 1,60	1,50	1,88	3,01	3,01	9,40 (4,20 - 10,60)	4,59 A			2.050 (740 - 3.010)	1.025	9,60
5 + 7 + 12 + 15	1,19	1,48	2,37	2,96	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 0,90 + 1,50 + 1,70	1,39	1,74	2,79	3,48	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
5 + 7 + 12 + 18	1,08	1,36	2,17	3,39	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,90 + 1,40 + 1,90	1,27	1,59	2,55	3,99	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 7 + 12 + 21	1,00	1,25	2,00	3,75	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,80 + 1,30 + 2,20	1,17	1,47	2,35	4,41	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 7 + 15 + 15	1,10	1,38	2,76	2,76	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 0,90 + 1,60 + 1,60	1,30	1,62	3,24	3,24	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
5 + 7 + 15 + 18	1,02	1,27	2,54	3,17	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,80 + 1,60 + 1,80	1,19	1,49	2,98	3,74	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
5 + 7 + 15 + 21	0,94	1,18	2,35	3,53	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,70 + 1,50 + 2,00	1,11	1,38	2,76	4,15	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
5 + 7 + 18 + 18	0,94	1,18	2,94	2,94	8,00 (3,00 - 9,20)	4,23 A			1.890 (690 - 2.600)	945	9,00	0,70 + 0,70 + 1,70 + 1,70	1,10	1,38	3,46	3,46	9,40 (4,20 - 10,60)	4,56 A			2.060 (950 - 2.970)	1.030	9,70
5 + 9[1] + 9[1] + 9[1]	1,40	2,20	2,20	2,20	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 1,40 + 1,40 + 1,40	1,66	2,58	2,58	2,58	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 9[1] + 9[1] + 9[2]	1,36	2,13	2,13	2,38	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,90 + 1,40 + 1,40 + 1,50	1,60	2,50	2,50	2,80	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 9[1] + 9[1] + 12	1,31	2,04	2,04	2,61	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,30 + 1,30 + 1,60	1,53	2,40	2,40	3,07	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 9[1] + 9[1] + 15	1,20	1,89	1,89	3,02	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,20 + 1,20 + 1,70	1,41	2,22	2,22	3,55	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
5 + 9[1] + 9[1] + 18	1,10	1,72	1,72	3,46	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,10 + 1,10 + 2,00	1,29	2,03	2,03	4,05	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 9[1] + 9[1] + 21	1,01	1,59	1,59	3,81	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,00 + 1,00 + 2,20	1,18	1,87	1,87	4,48	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 9[1] + 9[1] + 24	0,94	1,47	1,47	4,12	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,90 + 0,90 + 2,30	1,10	1,73	1,73	4,84	9,40 (4,20 - 10,60)	4,63 A			2.030 (820 - 2.960)	1.015	9,50
5 + 9[1] + 9[2] + 9[2]	1,32	2,06	2,31	2,31	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,80 + 1,30 + 1,50 + 1,50	1,55	2,43	2,71	2,71	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 9[1] + 9[2] + 12	1,27	1,98	2,22	2,53	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,30 + 1,40 + 1,60	1,48	2,33	2,61	2,98	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 9[1] + 9[2] + 15	1,17	1,83	2,06	2,94	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,20 + 1,30 + 1,70	1,38	2,16	2,41	3,45	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
5 + 9[1] + 9[2] + 18	1,08	1,68	1,88	3,36	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,10 + 1,20 + 1,90	1,26	1,97	2,21	3,96	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 9[1] + 9[2] + 21	0,99	1,55	1,74	3,72	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,00 + 1,10 + 2,20	1,17	1,82	2,04	4,37	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 9[1] + 12 + 12	1,22	1,90	2,44	2,44	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,20 + 1,50 + 1,50	1,43	2,25	2,86	2,86	9,40 (4,20 - 10,60)	4,59 A			2.050 (740 - 3.010)	1.025	9,60
5 + 9[1] + 12 + 15	1,13	1,77	2,27	2,83	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,10 + 1,50 + 1,70	1,33	2,08	2,66	3,33	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
5 + 9[1] + 12 + 18	1,04	1,63	2,08	3,25	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,00 + 1,30 + 1,80	1,22	1,91	2,45	3,82	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 9[1] + 12 + 21	0,96	1,50	1,92	3,62	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,00 + 1,20 + 2,10	1,13	1,77	2,26	4,24	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 9[1] + 15 + 15	1,06	1,66	2,64	2,64	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,10 + 1,60 + 1,60	1,24	1,94	3,11	3,11	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
5 + 9[1] + 15 + 18	0,98	1,53	2,44	3,05	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,00 + 1,50 + 1,70	1,15	1,79	2,87	3,59	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
5 + 9[2] + 9[2] + 9[2]	1,28	2,24	2,24	2,24	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	0,80 + 1,50 + 1,50 + 1,50	1,51	2,63	2,63	2,63	9,40 (4,20 - 10,60)	4,50 A			2.090 (700 - 3.070)	1.045	9,80
5 + 9[2] + 9[2] + 12	1,23	2,15	2,15	2,47	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,40 + 1,40 + 1,50	1,45	2,53	2,53	2,89	9,40 (4,20 - 10,60)	4,54 A			2.070 (730 - 3.040)	1.035	9,70
5 + 9[2] + 9[2] + 15	1,14	2,00	2,00	2,86	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,30 + 1,30 + 1,70	1,34	2,35	2,35	3,36	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
5 + 9[2] + 9[2] + 18	1,04	1,84	1,84	3,28	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,20 + 1,20 + 1,90	1,23	2,16	2,16	3,85	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 9[2] + 9[2] + 21	0,96	1,70	1,70	3,64	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,10 + 1,10 + 2,10	1,14	1,99	1,99	4,28	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.970)	1.015	9,50
5 + 9[2] + 12 + 12	1,19	2,07	2,37	2,37	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,30 + 1,50 + 1,50	1,38	2,44	2,79	2,79	9,40 (4,20 - 10,60)	4,59 A			2.050 (740 - 3.010)	1.025	9,60
5 + 9[2] + 12 + 15	1,10	1,93	2,21	2,76	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,20 + 1,40 + 1,60	1,30	2,27	2,59	3,24	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
5 + 9[2] + 12 + 18	1,02	1,78	2,03	3,17	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,10 + 1,30 + 1,80	1,19	2,09	2,39	3,73	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 9[2] + 12 + 21	0,94	1,65	1,88	3,53	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,10 + 1,20 + 2,00	1,10	1,94	2,21	4,15	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
5 + 9[2] + 15 + 15	1,03	1,81	2,58	2,58	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,20 + 1,60 + 1,60	1,21	2,13	3,03	3,03	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60

Free Multi 4x1 CU-4E27PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 13,6 kW

Indoor unit capacity	Cooling capacity (kW) Rooms					EER	SEER	Pdesign	Input power rating	Annual consumption	Current	Moisture removal	Heating capacity (kW) Rooms					COP	SCOP	Pdesign at -10°C	Input power rating	Annual consumption	Current
	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	Room A	Room B	Room C	Room D	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
5 + 9[2] + 15 + 18	0,95	1,67	2,39	2,99	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,10 + 1,50 + 1,70	1,12	1,96	2,81	3,51	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
5 + 12 + 12 + 12	1,13	2,29	2,29	2,29	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,70 + 1,50 + 1,50 + 1,50	1,33	2,69	2,69	2,69	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
5 + 12 + 12 + 15	1,07	2,13	2,13	2,67	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	0,70 + 1,40 + 1,40 + 1,60	1,25	2,51	2,51	3,13	9,40 (4,20 - 10,60)	4,63 A			2.030 (770 - 2.970)	1.015	9,50
5 + 12 + 12 + 18	0,98	1,97	1,97	3,08	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,30 + 1,30 + 1,70	1,16	2,31	2,31	3,62	9,40 (4,20 - 10,60)	4,59 A			2.050 (860 - 2.930)	1.025	9,60
5 + 12 + 15 + 15	1,00	2,00	2,50	2,50	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	0,70 + 1,30 + 1,50 + 1,50	1,17	2,35	2,94	2,94	9,40 (4,20 - 10,60)	4,65 A			2.020 (770 - 2.960)	1.010	9,50
5 + 15 + 15 + 15	0,95	2,35	2,35	2,35	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	0,70 + 1,50 + 1,50 + 1,50	1,12	2,76	2,76	2,76	9,40 (4,20 - 10,60)	4,68 A			2.010 (770 - 2.950)	1.005	9,40
7 + 7 + 7 + 7	2,00	2,00	2,00	2,00	8,00 (3,00 - 9,20)	4,04 A	6,80 A++[3]	8,00	1.980 (530 - 2.870)	412	9,40	1,30 + 1,30 + 1,30 + 1,30	2,35	2,35	2,35	2,35	9,40 (4,20 - 10,60)	4,52 A	4,20 A+[3]	8,00	2.080 (700 - 3.060)	2.667	9,80
7 + 7 + 7 + 9[1]	1,88	1,88	1,88	2,36	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,20 + 1,20 + 1,20 + 1,50	2,21	2,21	2,21	2,77	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 7 + 7 + 9[2]	1,82	1,82	1,82	2,54	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,20 + 1,20 + 1,20 + 1,60	2,14	2,14	2,14	2,98	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 7 + 7 + 12	1,74	1,74	1,74	2,78	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,10 + 1,60	2,04	2,04	2,04	3,28	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
7 + 7 + 7 + 15	1,60	1,60	1,60	3,20	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,00 + 1,00 + 1,80	1,88	1,88	1,88	3,76	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
7 + 7 + 7 + 18	1,45	1,45	1,45	3,65	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,90 + 0,90 + 0,90 + 2,10	1,71	1,71	1,71	4,27	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 7 + 7 + 21	1,33	1,33	1,33	4,01	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 0,80 + 0,80 + 2,30	1,57	1,57	1,57	4,69	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 7 + 7 + 24	1,23	1,23	1,23	4,31	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,80 + 0,80 + 0,80 + 2,40	1,45	1,45	1,45	5,05	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
7 + 7 + 9[1] + 9[1]	1,78	1,78	2,22	2,22	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,10 + 1,10 + 1,40 + 1,40	2,09	2,09	2,61	2,61	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 7 + 9[1] + 9[2]	1,72	1,72	2,15	2,41	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,10 + 1,10 + 1,40 + 1,50	2,02	2,02	2,53	2,83	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 7 + 9[1] + 12	1,65	1,65	2,06	2,64	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,30 + 1,60	1,94	1,94	2,42	3,10	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
7 + 7 + 9[1] + 15	1,52	1,52	1,90	3,06	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,00 + 1,20 + 1,70	1,79	1,79	2,24	3,58	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
7 + 7 + 9[1] + 18	1,39	1,39	1,74	3,48	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,90 + 0,90 + 1,10 + 2,00	1,63	1,63	2,04	4,10	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 7 + 9[1] + 21	1,28	1,28	1,60	3,84	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 0,80 + 1,00 + 2,20	1,50	1,50	1,88	4,52	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 7 + 9[1] + 24	1,19	1,19	1,47	4,15	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,70 + 0,90 + 2,40	1,39	1,39	1,74	4,88	9,40 (4,20 - 10,60)	4,65 A			2.020 (820 - 2.950)	1.010	9,50
7 + 7 + 9[2] + 9[2]	1,67	1,67	2,33	2,33	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,10 + 1,10 + 1,50 + 1,50	1,96	1,96	2,74	2,74	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 7 + 9[2] + 12	1,60	1,60	2,24	2,56	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,00 + 1,50 + 1,60	1,88	1,88	2,63	3,01	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
7 + 7 + 9[2] + 15	1,48	1,48	2,07	2,97	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 0,90 + 1,30 + 1,70	1,74	1,74	2,44	3,48	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
7 + 7 + 9[2] + 18	1,36	1,36	1,89	3,39	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,90 + 0,90 + 1,20 + 1,90	1,59	1,59	2,23	3,99	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 7 + 9[2] + 21	1,25	1,25	1,75	3,75	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 0,80 + 1,10 + 2,20	1,47	1,47	2,05	4,41	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 7 + 12 + 12	1,54	1,54	2,46	2,46	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,00 + 1,50 + 1,50	1,81	1,81	2,89	2,89	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
7 + 7 + 12 + 15	1,43	1,43	2,28	2,86	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 0,90 + 1,50 + 1,70	1,68	1,68	2,68	3,36	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
7 + 7 + 12 + 18	1,31	1,31	2,10	3,28	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,80 + 0,80 + 1,40 + 1,90	1,54	1,54	2,47	3,85	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
7 + 7 + 12 + 21	1,21	1,21	1,94	3,64	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,80 + 0,80 + 1,30 + 2,10	1,42	1,42	2,28	4,28	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
7 + 7 + 15 + 15	1,33	1,33	2,67	2,67	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 0,80 + 1,60 + 1,60	1,57	1,57	3,13	3,13	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
7 + 7 + 15 + 18	1,23	1,23	2,46	3,08	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,80 + 0,80 + 1,50 + 1,70	1,45	1,45	2,88	3,62	9,40 (4,20 - 10,60)	4,59 A			2.050 (830 - 2.930)	1.025	9,60
7 + 9[1] + 9[1] + 9[1]	1,67	2,11	2,11	2,11	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,10 + 1,40 + 1,40 + 1,40	1,99	2,47	2,47	2,47	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 9[1] + 9[1] + 9[2]	1,63	2,04	2,04	2,29	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,30 + 1,30 + 1,50	1,91	2,40	2,40	2,69	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 9[1] + 9[1] + 12	1,57	1,96	1,96	2,51	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,30 + 1,30 + 1,50	1,84	2,30	2,30	2,96	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
7 + 9[1] + 9[1] + 15	1,45	1,82	1,82	2,91	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,20 + 1,20 + 1,70	1,70	2,14	2,14	3,42	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
7 + 9[1] + 9[1] + 18	1,33	1,67	1,67	3,33	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 1,10 + 1,10 + 1,90	1,56	1,96	1,96	3,92	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 9[1] + 9[1] + 21	1,23	1,54	1,54	3,69	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 1,00 + 1,00 + 2,10	1,44	1,81	1,81	4,34	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 9[1] + 9[2] + 9[2]	1,58	1,98	2,22	2,22	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,30 + 1,40 + 1,40	1,85	2,33	2,61	2,61	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 9[1] + 9[2] + 12	1,52	1,90	2,13	2,45	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,20 + 1,40 + 1,50	1,79	2,24	2,51	2,86	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
7 + 9[1] + 9[2] + 15	1,42	1,77	1,98	2,83	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,10 + 1,30 + 1,70	1,66	2,08	2,33	3,33	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
7 + 9[1] + 9[2] + 18	1,30	1,63	1,82	3,25	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 1,00 + 1,20 + 1,80	1,53	1,91	2,14	3,82	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 9[1] + 9[2] + 21	1,20	1,50	1,68	3,62	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,00 + 1,10 + 2,10	1,41	1,77	1,98	4,24	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 9[1] + 12 + 12	1,47	1,83	2,35	2,35	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,20 + 1,50 + 1,50	1,72	2,16	2,76	2,76	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
7 + 9[1] + 12 + 15	1,36	1,71	2,19	2,74	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,10 + 1,40 + 1,60	1,61	2,01	2,57	3,21	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
7 + 9[1] + 12 + 18	1,26	1,57	2,02	3,15	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,80 + 1,00 + 1,30 + 1,80	1,48	1,85	2,37	3,70	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
7 + 9[1] + 15 + 15	1,28	1,60	2,56	2,56	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,00 + 1,60 + 1,60	1,50	1,88	3,01	3,01	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
7 + 9[1] + 15 + 18	1,19	1,48	2,37	2,96	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 0,90 + 1,50 + 1,70	1,39	1,74	2,79	3,48	9,40 (4,20 - 10,60)	4,59 A			2.050 (830 - 2.930)	1.025	9,60
7 + 9[2] + 9[2] + 9[2]	1,55	2,15	2,15	2,15	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,00 + 1,40 + 1,40 + 1,40	1,81	2,53	2,53	2,53	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
7 + 9[2] + 9[2] + 12	1,48	2,07	2,07	2,38	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,30 + 1,30 + 1,50	1,73	2,44	2,44	2,79	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
7 + 9[2] + 9[2] + 15	1,38	1,93	1,93	2,76	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,20 + 1,20 + 1,60	1,62	2,27	2,27	3,24	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
7 + 9[2] + 9[2] + 18	1,27	1,78	1,78	3,17	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,80 + 1,10 + 1,10 + 1,80	1,49	2,09	2,09	3,73	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 9[2] + 9[2] + 21	1,17	1,65	1,65	3,53	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,70 + 1,10 + 1,10 + 2,00	1,37	1,94	1,94	4,15	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
7 + 9[2] + 12 + 12	1,42	2,00	2,29	2,29	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,90 + 1,30 + 1,50 + 1,50	1,67	2,35	2,69	2,69	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
7 + 9[2] + 12 + 15	1,33	1,87	2,13	2,67	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,20 + 1,40 + 1,60	1,57	2,19	2,51	3,13	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
7 + 9[2] + 12 + 18	1,23	1,72	1,97	3,08	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,80 + 1,10 + 1,30 + 1,70	1,45	2,02	2,31	3,62	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
7 + 9[2] + 15 + 15	1,25	1,75	2,50	2,50	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	0,80 + 1,10 + 1,50 + 1,50	1,46	2,06	2,94	2,94	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
7 + 12 + 12 + 12	1,37	2,21	2,21	2,21	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	0,90 + 1,40 + 1,40 + 1,40	1,63	2,59	2,59	2,59	9,40 (4,20 - 10,60)	4,63 A			2.030 (770 - 2.970)	1.015	9,50
7 + 12 + 12 + 15	1,29	2,06	2,06	2,59	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	0,80 + 1,30 + 1,30 + 1,60	1,51	2,43	2,43	3,03	9,40 (4,20 - 10,60)	4,65 A			2.020 (770 - 2.960)	1.010	9,50
7 + 12 + 12 + 18	1,19	1,91	1,91	2,99	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,70 + 1,20 + 1,20 + 1,70	1,40	2,24	2,24	3,52	9,40 (4,20 - 10,60)	4,59 A			2.050 (860 - 2.920)	1.025	9,60
7 + 12 + 15 + 15	1,21	1,95	2,42	2,42	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	0,80 + 1,30 + 1,50 + 1,50	1,42	2,28	2,85	2,85	9,40 (4,20 - 10,60)	4,68 A			2.010 (770 - 2.950)	1.005	9,40
9[1] + 9[1] + 9[1] + 9[1]	2,00	2,00	2,00	2,00	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,30 + 1,30 + 1,30 + 1,30	2,35	2,35	2,35	2,35	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
9[1] + 9[1] + 9[1] + 9[2]	1,94	1,94	1,94	2,18	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,30 + 1,30 + 1,30 + 1,40	2,28	2,28	2,28	2,56	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
9[1] + 9[1] + 9[1] + 12	1,87	1,87	1,87	2,39	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,20 + 1,20 + 1,20 + 1,50	2,20	2,20	2,20	2,80	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
9[1] + 9[1] + 9[1] + 15	1,74	1,74	1,74	2,78	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,10 + 1,60	2,04	2,04	2,04	3,28	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
9[1] + 9[1] + 9[1] + 18	1,60	1,60	1,60	3,20	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	1,00 + 1,00 + 1,00 + 1,80	1,88	1,88	1,88	3,76	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
9[1] + 9[1] + 9[1] + 21	1,48	1,48	1,48	3,56	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	0,90 + 0,90 + 0,90 + 2,10	1,74	1,74	1,74	4,18	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
9[1] + 9[1] + 9[2] + 9[2]	1,89	1,89	2,11	2,11	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,20 + 1,20 + 1,40 + 1,40	2,22	2,22	2,48	2,48	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
9[1] + 9[1] + 9[2] + 12	1,82	1,82	2,03	2,33	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,20 + 1,20 + 1,30 + 1,50	2,14	2,14	2,39	2,73	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
9[1] + 9[1] + 9[2] + 15	1,69	1,69	1,90	2,72	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,20 + 1,60	1,99	1,99	2,23	3,19	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
9[1] + 9[1] + 9[2] + 18	1,56	1,56	1,75	3,13	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	1,00 + 1,00 + 1,10 + 1,80	1,84	1,84	2,05	3,67	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
9[1] + 9[1] + 12 + 12	1,75	1,75	2,25	2,25	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,50 + 1,50	2,06	2,06	2,64	2,64	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
9[1] + 9[1] + 12 + 15	1,64	1,64	2,10	2,62	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,00 + 1,40 + 1,60	1,93	1,93	2,46	3,08	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
9[1] + 9[1] + 12 + 18	1,52	1,52	1,93	3,03	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	1,00 + 1,00 + 1,20 + 1,70	1,78	1,78	2,28	3,56	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
9[1] + 9[1] + 15 + 15	1,54	1,54	2,46	2,46	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,00 + 1,50 + 1,50	1,81	1,81	2,89	2,89	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
9[1] + 9[2] + 9[2] + 9[2]	1,82	2,06	2,06	2,06	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,20 + 1,30 + 1,30 + 1,30	2,17	2,41	2,41	2,41	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
9[1] + 9[2] + 9[2] + 12	1,77	1,98	1,98	2,27	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,30 + 1,30 + 1,50	2,08	2,33	2,33	2,66	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
9[1] + 9[2] + 9[2] + 15	1,65	1,85	1,85	2,65	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,20 + 1,20 + 1,60	1,93	2,18	2,18	3,11	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
9[1] + 9[2] + 9[2] + 18	1,53	1,71	1,71	3,05	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	1,00 + 1,10 + 1,10 + 1,70	1,79	2,01	2,01	3,59	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
9[1] + 9[2] + 12 + 12	1,71	1,91	2,19	2,19	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,20 + 1,40 + 1,40	2,01	2,25	2,57	2,57	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
9[1] + 9[2] + 12 + 15	1,60	1,79	2,05	2,56	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,20 + 1,30 + 1,60	1,87	2,11	2,41	3,01	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
9[1] + 9[2] + 12 + 18	1,48	1,66	1,90	2,96	8,00 (3,00 - 9,20)	4,28 A			1.870 (630 - 2.660)	935	8,90	0,90 + 1,10 + 1,20 + 1,70	1,74	1,95	2,23	3,48	9,40 (4,20 - 10,60)	4,65 A			2.020 (830 - 2.940)	1.010	9,50
9[1] + 9[2] + 15 + 15	1,50	1,68	2,41	2,41	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,00 + 1,10 + 1,50 + 1,50	1,76	1,98	2,83	2,83	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
9[1] + 12 + 12 + 12	1,64	2,12	2,12	2,12	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	1,00 + 1,40 + 1,40 + 1,40	1,93	2,49	2,49	2,49	9,40 (4,20 - 10,60)	4,63 A			2.030 (770 - 2.970)	1.015	9,50
9[1] + 12 + 12 + 15	1,55	1,98	1,98	2,49	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	1,00 + 1,30 + 1,30 + 1,50	1,82	2,33	2,33	2,92	9,40 (4,20 - 10,60)	4,65 A			2.020 (770 - 2.960)	1.010	9,50
9[2] + 9[2] + 9[2] + 9[2]	2,00	2,00	2,00	2,00	8,00 (3,00 - 9,20)	4,04 A			1.980 (530 - 2.870)	990	9,40	1,30 + 1,30 + 1,30 + 1,30	2,35	2,35	2,35	2,35	9,40 (4,20 - 10,60)	4,52 A			2.080 (700 - 3.060)	1.040	9,80
9[2] + 9[2] + 9[2] + 12	1,93	1,93	1,93	2,21	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,20 + 1,20 + 1,20 + 1,40	2,27	2,27	2,27	2,59	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.030)	1.030	9,70
9[2] + 9[2] + 9[2] + 15	1,81	1,81	1,81	2,57	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,20 + 1,20 + 1,20 + 1,60	2,12	2,12	2,12	3,04	9,40 (4,20 - 10,60)	4,56 A			2.060 (730 - 3.020)	1.030	9,70
9[2] + 9[2] + 9[2] + 18	1,67	1,67	1,67	2,99	8,00 (3,00 - 9,20)	4,28 A			1.870 (620 - 2.650)	935	8,90	1,10 + 1,10 + 1,10 + 1,70	1,96	1,96	1,96	3,52	9,40 (4,20 - 10,60)	4,63 A			2.030 (810 - 2.960)	1.015	9,50
9[2] + 9[2] + 12 + 12	1,87	1,87	2,13	2,13	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,20 + 1,20 + 1,40 + 1,40	2,19	2,19	2,51	2,51	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 3.000)	1.020	9,60
9[2] + 9[2] + 12 + 15	1,75	1,75	2,00	2,50	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,30 + 1,50	2,06	2,06	2,34	2,94	9,40 (4,20 - 10,60)	4,61 A			2.040 (740 - 2.990)	1.020	9,60
9[2] + 9[2] + 15 + 15	1,65	1,65	2,35	2,35	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.800)	960	9,10	1,10 + 1,10 + 1,50 + 1,50	1,94	1,94	2,76	2,76	9,40 (4,20 - 10,60)	4,63 A			2.030 (740 - 2.980)	1.015	9,50
9[2] + 12 + 12 + 12	1,82	2,06	2,06	2,06	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	1,20 + 1,30 + 1,30 + 1,30	2,11	2,43	2,43	2,43	9,40 (4,20 - 10,60)	4,63 A			2.030 (770 - 2.970)	1.015	9,50
9[2] + 12 + 12 + 15	1,70	1,94	1,94	2,42	8,00 (3,00 - 9,20)	4,17 A			1.920 (570 - 2.720)	960	9,10	1,10 + 1,30 + 1,30 + 1,50	1,99	2,28	2,28	2,85	9,40 (4,20 - 10,60)	4,65 A			2.020 (770 - 2.960)	1.010	9,50
12 + 12 + 12 + 12	2,00	2,00	2,00	2,00	8,00 (3,00 - 9,20)	4,28 A			1.870 (580 - 2.720)	935	8,90	1,30 + 1,30 + 1,30 + 1,30	2,35	2,35	2,35	2,35	9,40 (4,20 - 10,60)	4,59 A			2.050 (780 - 2.940)	1.025	9,60
12 + 12 + 12 + 15	1,88	1,88	1,88	2,36	8,00 (3,00 - 9,20	4,28 A			1.870 (580 - 2.720	935	8,90	1,20 + 1,20 + 1,20 + 1,50	2,21	2,21	2,21	2,77	9,40 (4,20 - 10,60	4,59 A			2.050 (780 - 2.930	1.025	9,60

1) For Etherea. 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.
* Data for not simultaneous operation.

Free Multi combinations table

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW																									
Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
1 Room																									
5	1,60					1,60 (1,30 - 2,30)	4,00 **A**			400 (250 - 640)	200	2,00	1,00	2,60					2,60 (1,20 - 3,20)	4,33 **A**			600 (300 - 960)	300	3,00
7	2,00					2,00 (1,80 - 2,90)	4,00 **A**			500 (340 - 810)	250	2,50	1,30	3,20					3,20 (1,20 - 4,10)	4,32 **A**			740 (300 - 1.230)	370	3,70
9[1]	2,50					2,50 (1,80 - 2,90)	3,97 **A**			630 (340 - 810)	315	3,20	1,50	3,60					3,60 (1,20 - 4,30)	3,83 **A**			940 (300 - 1.230)	470	4,70
9[2]	2,80					2,80 (1,80 - 2,90)	4,00 **A**			700 (340 - 810)	350	3,50	1,60	4,00					4,00 (1,20 - 4,30)	3,81 **A**			1.050 (300 - 1.230)	525	5,20
12	3,20					3,20 (1,80 - 3,80)	4,00 **A**			800 (340 - 1.360)	400	3,90	1,80	4,50					4,50 (1,20 - 5,80)	3,66 **A**			1.230 (300 - 2.100)	615	6,00
15	4,00					4,00 (1,80 - 4,30)	3,23 **A**			1.240 (340 - 1.990)	620	5,80	2,30	5,60					5,60 (1,20 - 6,80)	3,26 **C**			1.720 (300 - 2.930)	860	8,00
18	5,00					5,00 (1,90 - 5,70)	3,23 **A**			1.550 (340 - 2.130)	775	7,20	2,70	6,80					6,80 (1,20 - 6,90)	3,24 **C**			2.100 (300 - 2.520)	1.050	9,70
21	6,00					6,00 (1,90 - 6,20)	2,96 **C**			2.030 (340 - 2.330)	1.015	9,20	3,30	8,50					8,50 (1,30 - 9,00)	3,54 **B**			2.400 (620 - 2.530)	1.200	11,10
24	7,00					7,00 (2,00 - 7,20)	2,81 **C**			2.490 (370 - 2.770)	1.245	11,30	4,00	8,70					8,70 (1,40 - 9,20)	3,41 **B**			2.550 (680 - 2.720)	1.275	11,80
2 Rooms																									
5 + 5	1,60	1,60				3,20 (2,40 - 5,80)	4,38 **A**			730 (300 - 1.920)	365	3,60	1,00 + 1,00	2,35	2,35				4,70 (2,00 - 8,20)	3,36 **C**			1.400 (260 - 2.780)	700	6,60
5 + 7	1,60	2,00				3,60 (2,40 - 5,80)	4,14 **A**			870 (300 - 1.920)	435	4,20	1,00 + 1,30	2,31	2,89				5,20 (2,00 - 8,20)	3,29 **C**			1.580 (250 - 2.770)	790	7,50
5 + 9[1]	1,60	2,50				4,10 (2,40 - 5,80)	3,83 **A**			1.070 (300 - 1.920)	535	5,00	1,00 + 1,50	2,19	3,41				5,60 (2,00 - 8,20)	3,24 **C**			1.730 (250 - 2.770)	865	8,20
5 + 9[2]	1,60	2,80				4,40 (2,40 - 5,80)	3,70 **A**			1.190 (300 - 1.920)	595	5,60	1,00 + 1,60	2,15	3,75				5,90 (2,00 - 8,20)	3,22 **C**			1.830 (250 - 2.770)	915	8,60
5 + 12	1,60	3,20				4,80 (2,40 - 5,80)	3,58 **A**			1.340 (300 - 1.860)	670	6,20	1,00 + 1,80	2,13	4,27				6,40 (2,00 - 8,20)	3,28 **C**			1.950 (240 - 2.690)	975	9,20
5 + 15	1,60	4,00				5,60 (2,40 - 5,80)	3,33 **A**			1.680 (300 - 1.800)	840	7,80	1,00 + 2,30	2,11	5,29				7,40 (2,00 - 8,60)	3,23 **C**			2.290 (240 - 2.800)	1.145	10,80
5 + 18	1,60	5,00				6,60 (2,40 - 7,20)	3,25 **A**			2.030 (280 - 2.360)	1.015	9,40	1,00 + 2,70	2,06	6,44				8,50 (2,00 - 11,00)	3,36 **C**			2.530 (190 - 3.510)	1.265	11,90
5 + 21	1,60	6,00				7,60 (2,40 - 8,60)	2,89 **C**			2.630 (280 - 3.410)	1.315	12,10	1,00 + 3,30	2,11	7,89				10,00 (2,00 - 11,00)	3,25 **C**			3.080 (190 - 3.510)	1.540	14,50
5 + 24	1,60	7,00				8,60 (2,50 - 9,10)	2,64 **D**			3.260 (310 - 3.490)	1.630	15,00	1,00 + 4,00	1,90	8,30				10,20 (2,00 - 13,00)	3,31 **C**			3.080 (190 - 4.420)	1.540	14,50
7 + 7	2,00	2,00				4,00 (2,40 - 5,80)	3,96 **A**			1.010 (300 - 1.860)	505	4,80	1,30 + 1,30	2,90	2,90				5,80 (2,00 - 8,20)	3,28 **C**			1.770 (250 - 2.760)	885	8,30
7 + 9[1]	2,00	2,50				4,50 (2,40 - 5,80)	3,63 **A**			1.240 (300 - 1.860)	620	5,80	1,30 + 1,50	2,71	3,39				6,10 (2,00 - 8,20)	3,26 **C**			1.870 (250 - 2.760)	935	8,80
7 + 9[2]	2,00	2,80				4,80 (2,40 - 5,80)	3,58 **A**			1.340 (300 - 1.860)	670	6,20	1,30 + 1,60	2,71	3,79				6,50 (2,00 - 8,20)	3,32 **C**			1.960 (250 - 2.760)	980	9,20
7 + 12	2,00	3,20				5,20 (2,40 - 5,80)	3,56 **A**			1.460 (300 - 1.800)	730	6,80	1,30 + 1,80	2,65	4,25				6,90 (2,00 - 8,60)	3,32 **C**			2.080 (240 - 2.800)	1.040	9,80
7 + 15	2,00	4,00				6,00 (2,40 - 6,70)	3,13 **B**			1.920 (300 - 2.360)	960	8,90	1,30 + 2,30	2,63	5,27				7,90 (2,00 - 10,10)	3,17 **D**			2.490 (230 - 3.490)	1.245	11,70
7 + 18	2,00	5,00				7,00 (2,40 - 8,10)	3,24 **A**			2.160 (280 - 2.890)	1.080	10,00	1,30 + 2,70	2,57	6,43				9,00 (2,00 - 11,00)	3,45 **B**			2.610 (190 - 3.440)	1.305	12,30
7 + 21	2,00	6,00				8,00 (2,40 - 8,60)	2,84 **C**			2.820 (280 - 3.330)	1.410	13,00	1,30 + 3,30	2,62	7,88				10,50 (2,00 - 11,90)	3,40 **C**			3.090 (190 - 3.840)	1.545	14,50
7 + 24	2,00	7,00				9,00 (2,50 - 10,00)	2,60 **D**			3.460 (310 - 4.460)	1.730	16,00	1,30 + 4,00	2,38	8,32				10,70 (2,00 - 13,00)	3,35 **C**			3.190 (190 - 4.410)	1.595	15,00
9[1] + 9[1]	2,50	2,50				5,00 (2,40 - 5,80)	3,55 **A**			1.410 (300 - 1.860)	705	6,60	1,50 + 1,50	3,25	3,25				6,50 (2,00 - 8,60)	3,32 **C**			1.960 (250 - 2.880)	980	9,20
9[1] + 9[2]	2,50	2,80				5,30 (2,40 - 5,80)	3,38 **A**			1.570 (300 - 1.860)	785	7,30	1,50 + 1,60	3,21	3,59				6,80 (2,00 - 8,60)	3,21 **C**			2.120 (250 - 2.880)	1.060	10,00
9[1] + 12	2,50	3,20				5,70 (2,40 - 6,70)	3,28 **A**			1.740 (300 - 2.360)	870	8,10	1,50 + 1,80	3,20	4,10				7,30 (2,00 - 10,10)	3,26 **C**			2.240 (240 - 3.490)	1.120	10,50
9[1] + 15	2,50	4,00				6,50 (2,40 - 7,20)	2,91 **C**			2.230 (300 - 2.760)	1.115	10,30	1,50 + 2,30	3,19	5,11				8,30 (2,00 - 11,00)	3,12 **D**			2.660 (230 - 3.720)	1.330	12,50
9[1] + 18	2,50	5,00				7,50 (2,40 - 8,60)	3,01 **B**			2.490 (280 - 3.330)	1.245	11,50	1,50 + 2,70	3,13	6,27				9,40 (2,00 - 11,00)	3,32 **C**			2.830 (190 - 3.440)	1.415	13,30
9[1] + 21	2,50	6,00				8,50 (2,50 - 9,10)	2,61 **D**			3.260 (310 - 3.640)	1.630	15,00	1,50 + 3,30	3,21	7,69				10,90 (2,00 - 13,00)	3,40 **C**			3.210 (190 - 4.420)	1.605	15,10
9[1] + 24	2,50	7,00				9,50 (2,50 - 10,10)	2,45 E			3.880 (310 - 4.620)	1.940	17,90	1,50 + 4,00	2,92	8,18				11,10 (2,00 - 13,00)	3,40 **B**			3.260 (190 - 4.410)	1.630	15,30
9[2] + 9[2]	2,80	2,80				5,60 (2,40 - 5,80)	3,22 **A**			1.740 (300 - 1.860)	870	8,10	1,60 + 1,60	3,60	3,60				7,20 (2,00 - 8,60)	3,17 **D**			2.270 (250 - 2.880)	1.135	10,70
9[2] + 12	2,80	3,20				6,00 (2,40 - 6,70)	3,13 **B**			1.920 (300 - 2.360)	960	8,90	1,60 + 1,80	3,59	4,11				7,70 (2,00 - 10,10)	3,21 **C**			2.400 (240 - 3.490)	1.200	11,30
9[2] + 15	2,80	4,00				6,80 (2,40 - 7,20)	2,81 **C**			2.420 (300 - 2.760)	1.210	11,20	1,60 + 2,30	3,54	5,06				8,60 (2,00 - 11,00)	3,20 **D**			2.690 (230 - 3.720)	1.345	12,60
9[2] + 18	2,80	5,00				7,80 (2,40 - 8,60)	2,91 **C**			2.680 (280 - 3.330)	1.340	12,40	1,60 + 2,70	3,48	6,22				9,70 (2,00 - 11,00)	3,29 **C**			2.950 (190 - 3.440)	1.475	13,90
9[2] + 21	2,80	6,00				8,80 (2,50 - 9,10)	2,55 E			3.450 (310 - 3.640)	1.725	15,90	1,60 + 3,30	3,60	7,70				11,30 (2,00 - 13,00)	3,46 **B**			3.270 (190 - 4.420)	1.635	15,40
9[2] + 24	2,80	7,00				9,80 (2,50 - 10,10)	2,37 F			4.140 (310 - 4.620)	2.070	19,10	1,60 + 4,00	3,26	8,14				11,40 (2,00 - 13,00)	3,44 **B**			3.310 (190 - 4.410)	1.655	15,60
12 + 12	3,20	3,20				6,40 (2,40 - 7,20)	3,05 **B**			2.100 (290 - 2.620)	1.050	9,70	1,80 + 1,80	4,05	4,05				8,10 (2,00 - 11,00)	3,20 **C**			2.530 (230 - 3.710)	1.265	11,90
12 + 15	3,20	4,00				7,20 (2,40 - 8,10)	2,75 **D**			2.620 (290 - 3.390)	1.310	12,10	1,80 + 2,30	4,04	5,06				9,10 (2,00 - 11,00)	3,16 **D**			2.880 (230 - 3.640)	1.440	13,50
12 + 18	3,20	5,00				8,20 (2,50 - 9,10)	2,84 **C**			2.890 (310 - 3.490)	1.445	13,30	1,80 + 2,70	3,98	6,22				10,20 (2,00 - 11,90)	3,41 **B**			2.990 (180 - 3.750)	1.495	14,10
12 + 21	3,20	6,00				9,20 (2,50 - 10,00)	2,58 E			3.570 (310 - 4.460)	1.785	16,50	1,80 + 3,30	4,07	7,63				11,70 (2,00 - 13,00)	3,43 **B**			3.410 (180 - 4.390)	1.705	16,00
12 + 24	3,14	6,86				10,00 (2,50 - 10,40)	2,37 F	5,60 A+[3]	10,00	4.220 (310 - 4.800)	625	19,50	1,80 + 3,90	3,76	8,24				12,00 (2,00 - 13,80)	3,42 **B**	3,80 A[3]	10,00	3.510 (180 - 4.780)	3.684	16,50
15 + 15	4,00	4,00				8,00 (2,50 - 8,60)	2,47 E			3.240 (320 - 3.930)	1.620	14,90	2,30 + 2,30	5,05	5,05				10,10 (2,00 - 11,90)	3,14 **D**			3.220 (220 - 4.040)	1.610	15,10
15 + 18	4,00	5,00				9,00 (2,50 - 10,00)	2,60 **D**			3.460 (310 - 4.460)	1.730	16,00	2,30 + 2,70	4,98	6,22				11,20 (2,00 - 13,00)	3,59 **B**			3.120 (180 - 4.310)	1.560	14,70
15 + 21	4,00	6,00				10,00 (2,50 - 10,40)	2,24 F	5,60 A+[3]	10,00	4.460 (310 - 4.790)	625	20,60	2,30 + 3,30	4,80	7,20				12,00 (2,00 - 13,80)	3,42 **B**	3,80 A[3]	10,00	3.510 (180 - 4.790)	3.684	16,50
15 + 24	3,64	6,36				10,00 (2,50 - 10,40)	2,41 E			4.150 (310 - 4.800)	2.075	19,10	2,10 + 3,60	4,36	7,64				12,00 (2,00 - 13,80)	3,44 **B**			3.490 (180 - 4.770)	1.745	16,40
18 + 18	5,00	5,00				10,00 (2,50 - 10,40)	2,77 **D**	5,60 A+[3]	10,00	3.610 (300 - 4.000)	625	16,60	2,70 + 2,70	6,00	6,00				12,00 (2,00 - 13,80)	3,68 **A**	3,80 A[3]	10,00	3.260 (200 - 4.500)	3.684	15,30
18 + 21	4,55	5,45				10,00 (2,50 - 10,40)	2,77 **D**			3.610 (300 - 4.000)	1.805	16,60	2,50 + 2,90	5,45	6,55				12,00 (2,00 - 13,80)	3,68 **A**			3.260 (200 - 4.500)	1.630	15,30
18 + 24	4,17	5,83				10,00 (2,50 - 10,40)	2,88 **C**			3.470 (300 - 3.850)	1.735	16,00	2,40 + 3,20	5,00	7,00				12,00 (2,00 - 13,80)	3,70 **A**			3.240 (200 - 4.480)	1.620	15,20
21 + 21	5,00	5,00				10,00 (2,50 - 10,40)	2,77 **D**			3.610 (300 - 4.000)	1.805	16,60	2,70 + 2,70	6,00	6,00				12,00 (2,00 - 13,80)	3,68 **A**			3.260 (200 - 4.500)	1.630	15,30
21 + 24	4,62	5,38				10,00 (2,50 - 10,40)	2,88 **C**			3.470 (300 - 3.850)	1.735	16,00	2,50 + 2,90	5,54	6,46				12,00 (2,00 - 13,80)	3,70 **A**			3.240 (200 - 4.480)	1.620	15,20
24 + 24	5,00	5,00				10,00 (2,50 - 10,40)	3,01 **B**			3.320 (330 - 3.690)	1.660	15,30	2,70 + 2,70	6,00	6,00				12,00 (2,00 - 13,80)	3,72 **A**			3.230 (200 - 4.460)	1.615	15,20
3 Rooms																									
5 + 5 + 5	1,60	1,60	1,60			4,80 (2,90 - 8,50)	4,36 **A**			1.100 (360 - 2.890)	550	5,20	1,00 + 1,00 + 1,00	2,33	2,33	2,33			6,99 (2,70 - 12,30)	3,95 **A**			1.770 (270 - 3.900)	885	8,30
5 + 5 + 7	1,60	1,60	2,00			5,20 (2,90 - 8,50)	4,26 **A**			1.220 (360 - 2.890)	610	5,70	1,00 + 1,00 + 1,30	2,34	2,34	2,92			7,60 (2,70 - 12,30)	3,78 **A**			2.010 (270 - 3.890)	1.005	9,40
5 + 5 + 9[1]	1,60	1,60	2,50			5,70 (2,90 - 8,50)	3,99 **A**			1.430 (360 - 2.890)	715	6,70	1,00 + 1,00 + 1,50	2,22	2,22	3,46			7,90 (2,70 - 12,30)	3,73 **A**			2.120 (270 - 3.890)	1.060	10,00
5 + 5 + 9[2]	1,60	1,60	2,80			6,00 (2,90 - 8,50)	3,90 **A**			1.540 (360 - 2.890)	770	7,20	1,00 + 1,00 + 1,60	2,21	2,21	3,88			8,30 (2,70 - 12,30)	3,66 **A**			2.270 (270 - 3.890)	1.135	10,70
5 + 5 + 12	1,60	1,60	3,20			6,40 (2,90 - 8,50)	3,72 **A**			1.720 (360 - 2.820)	860	8,00	1,00 + 1,00 + 1,80	2,18	2,18	4,34			8,70 (2,70 - 12,30)	3,73 **A**			2.330 (270 - 3.790)	1.165	10,90
5 + 5 + 15	1,60	1,60	4,00			7,20 (2,90 - 8,50)	3,55 **A**			2.030 (390 - 2.750)	1.015	9,40	1,00 + 1,00 + 2,30	2,16	2,16	5,38			9,70 (2,70 - 12,30)	3,51 **B**			2.760 (270 - 3.780)	1.380	13,00
5 + 5 + 18	1,60	1,60	5,00			8,20 (2,90 - 8,70)	3,50 **A**			2.340 (390 - 2.530)	1.170	10,80	1,00 + 1,00 + 2,70	2,11	2,11	6,58			10,80 (2,70 - 12,90)	3,96 **A**			2.730 (290 - 3.870)	1.365	12,80
5 + 5 + 21	1,60	1,60	6,00			9,20 (2,90 - 10,10)	3,38 **A**			2.720 (390 - 3.320)	1.360	12,50	1,00 + 1,00 + 3,30	2,09	2,09	7,82			12,00 (2,70 - 13,60)	3,77 **A**			3.180 (290 - 4.270)	1.590	14,90
5 + 5 + 24	1,57	1,57	6,86			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	1,00 + 1,00 + 3,90	1,88	1,88	8,24			12,00 (2,70 - 13,60)	3,80 **A**			3.160 (290 - 4.180)	1.580	14,80
5 + 7 + 7	1,60	2,00	2,00			5,60 (2,90 - 8,50)	4,06 **A**			1.380 (360 - 2.820)	690	6,40	1,00 + 1,30 + 1,30	2,32	2,89	2,89			8,10 (2,70 - 12,30)	3,75 **A**			2.160 (270 - 3.880)	1.080	10,20
5 + 7 + 9[1]	1,60	2,00	2,50			6,10 (2,90 - 8,50)	3,81 **A**			1.600 (360 - 2.820)	800	7,50	1,00 + 1,30 + 1,50	2,23	2,79	3,48			8,50 (2,70 - 12,30)	3,59 **B**			2.370 (270 - 3.880)	1.185	11,10
5 + 7 + 9[2]	1,60	2,00	2,80			6,40 (2,90 - 8,50)	3,72 **A**			1.720 (360 - 2.820)	860	8,00	1,00 + 1,30 + 1,60	2,20	2,75	3,85			8,80 (2,70 - 12,30)	3,67 **A**			2.400 (270 - 3.880)	1.200	11,30
5 + 7 + 12	1,60	2,00	3,20			6,80 (2,90 - 8,50)	3,70 **A**			1.840 (390 - 2.750)	920	8,50	1,00 + 1,30 + 1,80	2,18	2,74	4,38			9,30 (2,70 - 12,30)	3,68 **A**			2.530 (270 - 3.780)	1.265	11,90
5 + 7 + 15	1,60	2,00	4,00			7,60 (2,90 - 8,50)	3,42 **A**			2.220 (390 - 2.750)	1.110	10,20	1,00 + 1,30 + 2,30	2,17	2,71	5,42			10,30 (2,70 - 12,30)	3,69 **A**			2.790 (270 - 3.760)	1.395	13,10
5 + 7 + 18	1,60	2,00	5,00			8,60 (2,90 - 9,60)	3,39 **A**			2.540 (390 - 2.900)	1.270	11,70	1,00 + 1,30 + 2,70	2,10	2,63	6,57			11,30 (2,70 - 13,60)	3,98 **A**			2.840 (290 - 4.190)	1.420	13,30
5 + 7 + 21	1,60	2,00	6,00			9,60 (2,90 - 10,10)	3,31 **A**			2.900 (390 - 3.250)	1.450	13,40	1,00 + 1,30 + 3,30	2,00	2,50	7,50			12,00 (2,70 - 13,60)	3,80 **A**			3.160 (290 - 4.190)	1.580	14,80
5 + 7 + 24	1,51	1,89	6,60			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	1,00 + 1,20 + 3,70	1,81	2,26	7,93			12,00 (2,70 - 13,80)	3,81 **A**			3.150 (290 - 4.300)	1.575	14,80
5 + 9[1] + 9[1]	1,60	2,50	2,50			6,60 (2,90 - 8,50)	3,59 **A**			1.840 (360 - 2.820)	920	8,50	1,00 + 1,50 + 1,50	2,14	3,33	3,33			8,80 (2,70 - 12,30)	3,67 **A**			2.400 (270 - 3.880)	1.200	11,30
5 + 9[1] + 9[2]	1,60	2,50	2,80			6,90 (2,90 - 8,50)	3,61 **A**			1.910 (360 - 2.820)	955	8,80	1,00 + 1,50 + 1,60	2,13	3,33	3,74			9,20 (2,70 - 12,30)	3,58 **B**			2.570 (270 - 3.880)	1.285	12,10
5 + 9[1] + 12	1,60	2,50	3,20			7,30 (2,90 - 8,50)	3,49 **A**			2.090 (390 - 2.750)	1.045	9,60	1,00 + 1,50 + 1,80	2,10	3,29	4,21			9,60 (2,70 - 12,30)	3,56 **B**			2.700 (270 - 3.780)	1.350	12,70
5 + 9[1] + 15	1,60	2,50	4,00			8,10 (2,90 - 8,70)	3,27 **A**			2.480 (390 - 2.810)	1.240	11,40	1,00 + 1,50 + 2,30	2,09	3,27	5,24			10,60 (2,70 - 12,90)	3,59 **B**			2.950 (270 - 4.080)	1.475	13,90
5 + 9[1] + 18	1,60	2,50	5,00			9,10 (2,90 - 10,10)	3,43 **A**			2.650 (390 - 3.250)	1.325	12,20	1,00 + 1,50 + 2,70	2,06	3,21	6,43			11,70 (2,70 - 13,60)	3,90 **A**			3.000 (290 - 4.190)	1.500	14,10
5 + 9[1] + 21	1,58	2,48	5,94			10,00 (2,90 - 10,70)	3,14 **B**			3.180 (390 - 3.850)	1.590	14,70	1,00 + 1,50 + 3,30	1,90	2,97	7,13			12,00 (2,70 - 13,60)	3,80 **A**			3.160 (290 - 4.190)	1.580	14,80
5 + 9[1] + 24	1,44	2,25	6,31			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	0,90 + 1,50 + 3,50	1,73	2,70	7,57			12,00 (2,70 - 13,80)	3,81 **A**			3.150 (290 - 4.300)	1.575	14,80
5 + 9[2] + 9[2]	1,60	2,80	2,80			7,20 (2,90 - 8,50)	3,44 **A**			2.090 (360 - 2.820)	1.045	9,60	1,00 + 1,60 + 1,60	2,12	3,69	3,69			9,50 (2,70 - 12,30)	3,54 **B**			2.680 (270 - 3.880)	1.340	12,60
5 + 9[2] + 12	1,60	2,80	3,20			7,60 (2,90 - 8,50)	3,33 **A**			2.280 (390 - 2.750)	1.140	10,50	1,00 + 1,60 + 1,80	2,11	3,68	4,21			10,00 (2,70 - 12,30)	3,48 **B**			2.870 (270 - 3.780)	1.435	13,50
5 + 9[2] + 15	1,60	2,80	4,00			8,40 (2,90 - 8,70)	3,13 **B**			2.680 (390 - 2.810)	1.340	12,40	1,00 + 1,60 + 2,30	2,09	3,67	5,24			11,00 (2,70 - 12,90)	3,64 **A**			3.020 (270 - 4.080)	1.510	14,20
5 + 9[2] + 18	1,60	2,80	5,00			9,40 (2,90 - 10,10)	3,30 **A**			2.850 (390 - 3.250)	1.425	13,10	1,00 + 1,60 + 2,70	2,04	3,57	6,39			12,00 (2,70 - 13,60)	3,80 **A**			3.160 (290 - 4.190)	1.580	14,80
5 + 9[2] + 21	1,54	2,69	5,77			10,00 (2,90 - 10,70)	3,14 **B**			3.180 (390 - 3.850)	1.590	14,70	1,00 + 1,60 + 3,20	1,85	3,23	6,92			12,00 (2,70 - 13,60)	3,80 **A**			3.160 (290 - 4.190)	1.580	14,80
5 + 9[2] + 24	1,40	2,46	6,14			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	0,90 + 1,50 + 3,40	1,68	2,95	7,37			12,00 (2,70 - 13,80)	3,81 **A**			3.150 (290 - 4.300)	1.575	14,80
5 + 12 + 12	1,60	3,20	3,20			8,00 (2,90 - 8,50)	3,42 **A**			2.340 (390 - 2.680)	1.170	10,80	1,00 + 1,80 + 1,80	2,08	4,16	4,16			10,40 (2,70 - 12,90)	3,69 **A**			2.820 (260 - 4.060)	1.410	13,30
5 + 12 + 15	1,60	3,20	4,00			8,80 (2,90 - 9,60)	3,13 **B**			2.810 (390 - 3.250)	1.405	13,00	1,00 + 1,80 + 2,30	2,07	4,15	5,18			11,40 (2,70 - 13,60)	3,74 **A**			3.050 (280 - 4.450)	1.525	14,30
5 + 12 + 18	1,60	3,20	5,00			9,80 (2,90 - 10,70)	3,30 **A**			2.970 (390 - 3.700)	1.485	13,70	1,00 + 1,80 + 2,70	1,96	3,92	6,12			12,00 (2,70 - 13,60)	3,91 **A**			3.070 (290 - 4.150)	1.535	14,40
5 + 12 + 21	1,48	2,96	5,56			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	0,90 + 1,70 + 3,00	1,77	3,56	6,67			12,00 (2,70 - 13,80)	3,91 **A**			3.070 (290 - 4.280)	1.535	14,40
5 + 12 + 24	1,36	2,71	5,93			10,00 (2,90 - 10,70)	3,29 **A**			3.040 (390 - 3.540)	1.520	14,00	0,90 + 1,60 + 3,30	1,63	3,25	7,12			12,00 (2,70 - 13,80)	3,92 **A**			3.060 (310 - 4.260)	1.530	14,40
5 + 15 + 15	1,60	4,00	4,00			9,60 (2,90 - 10,10)	3,02 **B**			3.180 (390 - 3.690)	1.590	14,70	1,00 + 2,30 + 2,30	2,00	5,00	5,00			12,00 (2,70 - 13,60)	3,68 **A**			3.260 (280 - 4.360)	1.630	15,30
5 + 15 + 18	1,51	3,77	4,72			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	1,00 + 2,20 + 2,50	1,81	4,53	5,66			12,00 (2,70 - 13,80)	3,92 **A**			3.060 (310 - 4.270)	1.530	14,40
5 + 15 + 21	1,38	3,45	5,17			10,00 (2,90 - 10,70)	3,22 **A**			3.110 (390 - 3.700)	1.555	14,30	0,90 + 2,00 + 2,90	1,65	4,14	6,21			12,00 (2,70 - 13,80)	3,92 **A**			3.060 (310 - 4.270)	1.530	14,40
5 + 15 + 24	1,27	3,17	5,56			10,00 (2,90 - 10,70)	3,29 **A**			3.040 (420 - 3.540)	1.520	14,00	0,80 + 1,80 + 3,00	1,52	3,81	6,67			12,00 (2,70 - 13,80)	3,93 **A**			3.050 (310 - 4.250)	1.525	14,30
5 + 18 + 18	1,38	4,31	4,31			10,00 (2,90 - 10,70)	3,53 **A**			2.830 (430 - 3.250)	1.415	13,10	0,90 + 2,40 + 2,40	1,66	5,17	5,17			12,00 (2,70 - 13,80)	4,10 **A**			2.930 (350 - 4.030)	1.465	13,80
5 + 18 + 21	1,27	3,97	4,76			10,00 (2,90 - 10,70)	3,53 **A**			2.830 (430 - 3.250)	1.415	13,10	0,80 + 2,30 + 2,60	1,52	4,76	5,72			12,00 (2,70 - 13,80)	4,10 **A**			2.930 (350 - 4.030)	1.465	13,80
5 + 18 + 24	1,17	3,68	5,15			10,00 (3,00 - 10,70)	3,62 **A**			2.760 (460 - 3.180)	1.380	12,70	0,70 + 2,10 + 2,80	1,41	4,41	6,18			12,00 (2,70 - 14,10)	4,11 **A**			2.920 (360 - 4.210)	1.460	13,70
5 + 21 + 21	1,18	4,41	4,41			10,00 (3,00 - 10,70)	3,53 **A**			2.830 (450 - 3.250)	1.415	13,10	0,70 + 2,40 + 2,40	1,42	5,29	5,29			12,00 (2,70 - 14,10)	4,10 **A**			2.930 (350 - 4.230)	1.465	13,80
5 + 21 + 24	1,10	4,11	4,79			10,00 (3,00 - 10,70)	3,62 **A**			2.760 (460 - 3.180)	1.380	12,70	0,70 + 2,30 + 2,60	1,32	4,93	5,75			12,00 (2,70 - 14,10)	4,11 **A**			2.920 (360 - 4.210)	1.460	13,70
5 + 24 + 24	1,02	4,49	4,49			10,00 (3,00 - 10,70)	3,72 **A**			2.690 (460 - 3.110)	1.345	12,40	0,70 + 2,50 + 2,50	1,24	5,38	5,38			12,00 (2,70 - 14,40)	4,12 **A**			2.910 (370 - 4.330)	1.455	13,70
7 + 7 + 7	2,00	2,00	2,00			6,00 (2,90 - 8,50)	3,90 **A**			1.540 (360 - 2.820)	770	7,20	1,30 + 1,30 + 1,30	2,87	2,87	2,87			8,61 (2,70 - 12,30)	3,76 **A**			2.290 (270 - 3.860)	1.145	10,80
7 + 7 + 9[1]	2,00	2,00	2,50			6,50 (2,90 - 8,50)	3,65 **A**			1.780 (360 - 2.820)	890	8,20	1,30 + 1,30 + 1,50	2,77	2,77	3,46			9,00 (2,70 - 12,30)	3,67 **A**			2.450 (270 - 3.860)	1.225	11,50
7 + 7 + 9[2]	2,00	2,00	2,80			6,80 (2,90 - 8,50)	3,70 **A**			1.840 (360 - 2.820)	920	8,50	1,30 + 1,30 + 1,60	2,76	2,76	3,88			9,40 (2,70 - 12,30)	3,60 **A**			2.610 (270 - 3.860)	1.305	12,30
7 + 7 + 12	2,00	2,00	3,20			7,20 (2,90 - 8,50)	3,55 **A**			2.030 (390 - 2.750)	1.015	9,40	1,30 + 1,30 + 1,80	2,72	2,72	4,36			9,80 (2,70 - 12,30)	3,58 **B**			2.740 (270 - 3.760)	1.370	12,90
7 + 7 + 15	2,00	2,00	4,00			8,00 (2,90 - 8,50)	3,32 **A**			2.410 (390 - 2.750)	1.205	11,10	1,30 + 1,30 + 2,30	2,70	2,70	5,40			10,80 (2,70 - 12,90)	3,72 **A**			2.900 (260 - 4.070)	1.450	13,60
7 + 7 + 18	2,00	2,00	5,00			9,00 (2,90 - 9,60)	3,37 **A**			2.670 (390 - 2.900)	1.335	12,30	1,30 + 1,30 + 2,70	2,64	2,64	6,62			11,90 (2,70 - 13,60)	3,84 **A**			3.100 (290 - 4.170)	1.550	14,60
7 + 7 + 21	2,00	2,00	6,00			10,00 (2,90 - 10,70)	3,14 **B**	5,6 A+[3]	10,0	3.180 (390 - 3.770)	625	14,70	1,30 + 1,30 + 3,30	2,40	2,40	7,20			12,00 (2,70 - 13,60)	3,81 **A**	3,80 A[3]	10,0	3.150 (290 - 4.170)	3.684	14,80

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW

Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)
7 + 7 + 24	1,82	1,82	6,36			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,20 + 1,20 + 3,60
7 + 9[1] + 9[1]	2,00	2,50	2,50			7,00 (2,90 - 8,50)	3,55 A			1.970 (360 - 2.820)	985	9,10	1,30 + 1,50 + 1,50
7 + 9[1] + 9[2]	2,00	2,50	2,80			7,30 (2,90 - 8,50)	3,49 A			2.090 (360 - 2.820)	1.045	9,60	1,30 + 1,50 + 1,60
7 + 9[1] + 12	2,00	2,50	3,20			7,70 (2,90 - 8,50)	3,47 A			2.220 (390 - 2.750)	1.110	10,20	1,30 + 1,50 + 1,80
7 + 9[1] + 15	2,00	2,50	4,00			8,50 (2,90 - 9,60)	3,09 B			2.750 (390 - 3.320)	1.375	12,70	1,30 + 1,50 + 2,30
7 + 9[1] + 18	2,00	2,50	5,00			9,50 (2,90 - 10,10)	3,25 A			2.920 (390 - 3.250)	1.460	13,50	1,30 + 1,50 + 2,70
7 + 9[1] + 21	1,90	2,38	5,72			10,00 (2,90 - 10,70)		5,60 A+ [3]	10,0	3.180 (390 - 3.770)	625	14,70	1,20 + 1,50 + 3,10
7 + 9[1] + 24	1,74	2,17	6,09			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,10 + 1,40 + 3,40
7 + 9[2] + 9[2]	2,00	2,80	2,80			7,60 (2,90 - 8,50)	3,33 A			2.280 (360 - 2.820)	1.140	10,50	1,30 + 1,60 + 1,60
7 + 9[2] + 12	2,00	2,80	3,20			8,00 (2,90 - 8,50)	3,32 A			2.410 (390 - 2.750)	1.205	11,10	1,30 + 1,60 + 1,80
7 + 9[2] + 15	2,00	2,80	4,00			8,80 (2,90 - 9,60)	3,06 B			2.880 (390 - 3.320)	1.440	13,30	1,30 + 1,60 + 2,30
7 + 9[2] + 18	2,00	2,80	5,00			9,80 (2,90 - 10,70)	3,22 A	5,60 A+ [3]	10,0	3.040 (390 - 3.770)	625	14,00	1,30 + 1,60 + 2,70
7 + 9[2] + 21	1,85	2,59	5,56			10,00 (2,90 - 10,70)	3,14 B			3.180 (390 - 3.770)	1.590	14,70	1,20 + 1,60 + 3,00
7 + 9[2] + 24	1,69	2,37	5,94			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,10 + 1,50 + 3,30
7 + 12 + 12	2,00	3,20	3,20			8,40 (2,90 - 8,70)	3,22 A			2.610 (390 - 2.740)	1.305	12,00	1,30 + 1,80 + 1,80
7 + 12 + 15	2,00	3,20	4,00			9,20 (2,90 - 10,10)	3,08 B			2.990 (390 - 3.620)	1.495	13,80	1,30 + 1,80 + 2,30
7 + 12 + 18	1,96	3,14	4,90			10,00 (2,90 - 10,70)	3,22 A	5,60 A+ [3]	10,0	3.110 (390 - 3.700)	625	14,30	1,30 + 1,80 + 2,70
7 + 12 + 21	1,78	2,86	5,36			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.700)	1.555	14,30	1,10 + 1,70 + 2,90
7 + 12 + 24	1,64	2,62	5,74			10,00 (2,90 - 10,70)	3,29 A			3.040 (420 - 3.540)	1.520	14,00	1,00 + 1,60 + 3,10
7 + 15 + 15	2,00	4,00	4,00			10,00 (2,90 - 10,70)	2,82 C	5,60 A+ [3]	10,0	3.540 (390 - 4.320)	625	16,30	1,30 + 2,30 + 2,30
7 + 15 + 18	1,81	3,64	4,55			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,20 + 2,10 + 2,50
7 + 15 + 21	1,67	3,33	5,00			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,10 + 1,90 + 2,70
7 + 15 + 24	1,54	3,08	5,38			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.540)	1.485	13,70	1,00 + 1,70 + 2,90
7 + 18 + 18	1,66	4,17	4,17			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,10 + 2,40 + 2,40
7 + 18 + 21	1,53	3,85	4,62			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,00 + 2,30 + 2,50
7 + 18 + 24	1,43	3,57	5,00			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	0,90 + 2,10 + 2,70
7 + 21 + 21	1,42	4,29	4,29			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	0,90 + 2,40 + 2,40
7 + 21 + 24	1,33	4,00	4,67			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	0,80 + 2,30 + 2,50
7 + 24 + 24	1,24	4,38	4,38			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	0,80 + 2,40 + 2,40
9[1] + 9[1] + 9[1]	2,50	2,50	2,50			7,50 (2,90 - 8,50)	3,38 A			2.220 (360 - 2.820)	1.110	10,20	1,50 + 1,50 + 1,50
9[1] + 9[1] + 9[2]	2,50	2,50	2,80			7,80 (2,90 - 8,50)	3,32 A			2.350 (360 - 2.820)	1.175	10,80	1,50 + 1,50 + 1,60
9[1] + 9[1] + 12	2,50	2,50	3,20			8,20 (2,90 - 8,70)	3,22 A			2.550 (390 - 2.810)	1.275	11,80	1,50 + 1,50 + 1,80
9[1] + 9[1] + 15	2,50	2,50	4,00			9,00 (2,90 - 9,60)	2,98 C			3.020 (390 - 3.320)	1.510	13,90	1,50 + 1,50 + 2,30
9[1] + 9[1] + 18	2,50	2,50	5,00			10,00 (2,90 - 10,70)	3,14 B	5,60 A+ [3]	10,00	3.180 (390 - 3.770)	625	14,70	1,50 + 1,50 + 2,70
9[1] + 9[1] + 21	2,27	2,27	5,46			10,00 (2,90 - 10,70)	3,14 B			3.180 (390 - 3.770)	1.590	14,70	1,50 + 1,50 + 3,00
9[1] + 9[1] + 24	2,08	2,08	5,84			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,30 + 1,30 + 3,20
9[1] + 9[2] + 9[2]	2,50	2,80	2,80			8,10 (2,90 - 8,70)	3,18 B			2.550 (360 - 2.880)	1.275	11,80	1,50 + 1,60 + 1,60
9[1] + 9[2] + 12	2,50	2,80	3,20			8,50 (2,90 - 9,60)	3,09 B			2.750 (390 - 3.320)	1.375	12,70	1,50 + 1,60 + 1,80
9[1] + 9[2] + 15	2,50	2,80	4,00			9,30 (2,90 - 10,10)	2,96 C			3.140 (390 - 3.770)	1.570	14,50	1,50 + 1,60 + 2,30
9[1] + 9[2] + 18	2,43	2,72	4,85			10,00 (2,90 - 10,70)	3,14 B	5,60 A+ [3]	10,00	3.180 (390 - 3.770)	625	14,70	1,50 + 1,60 + 2,60
9[1] + 9[2] + 21	2,21	2,48	5,31			10,00 (2,90 - 10,70)	3,14 B			3.180 (390 - 3.770)	1.590	14,70	1,40 + 1,50 + 2,90
9[1] + 9[2] + 24	2,03	2,28	5,69			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,30 + 1,50 + 3,10
9[1] + 12 + 12	2,50	3,20	3,20			8,90 (2,90 - 9,60)	3,09 B			2.880 (390 - 3.250)	1.440	13,30	1,50 + 1,80 + 1,80
9[1] + 12 + 15	2,50	3,20	4,00			9,70 (2,90 - 10,70)	2,98 C			3.250 (390 - 4.320)	1.625	15,00	1,50 + 1,80 + 2,30
9[1] + 12 + 18	2,34	2,99	4,67			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.700)	1.555	14,30	1,50 + 1,70 + 2,50
9[1] + 12 + 21	2,13	2,74	5,13			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.700)	1.555	14,30	1,40 + 1,60 + 2,80
9[1] + 12 + 24	1,97	2,52	5,51			10,00 (2,90 - 10,70)	3,29 A			3.040 (420 - 3.540)	1.520	14,00	1,30 + 1,50 + 3,00
9[1] + 15 + 15	2,38	3,81	3,81			10,00 (2,90 - 10,70)	2,82 C	5,60 A+ [3]	10,00	3.540 (390 - 4.320)	625	16,30	1,50 + 2,20 + 2,20
9[1] + 15 + 18	2,17	3,48	4,35			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,40 + 2,00 + 2,40
9[1] + 15 + 21	2,00	3,20	4,80			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,30 + 1,80 + 2,60
9[1] + 15 + 24	1,85	2,96	5,19			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.540)	1.485	13,70	1,20 + 1,70 + 2,90
9[1] + 18 + 18	2,00	4,00	4,00			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,30 + 2,30 + 2,30
9[1] + 18 + 21	1,85	3,70	4,45			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,20 + 2,20 + 2,50
9[1] + 18 + 24	1,72	3,45	4,83			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,10 + 2,00 + 2,60
9[1] + 21 + 21	1,72	4,14	4,14			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,10 + 2,40 + 2,40
9[1] + 21 + 24	1,61	3,87	4,52			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,00 + 2,30 + 2,50
9[1] + 24 + 24	1,52	4,24	4,24			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	1,00 + 2,40 + 2,40
9[2] + 9[2] + 9[2]	2,80	2,80	2,80			8,40 (2,90 - 8,70)	3,05 B			2.750 (360 - 2.880)	1.375	12,70	1,60 + 1,60 + 1,60
9[2] + 9[2] + 12	2,80	2,80	3,20			8,80 (2,90 - 9,60)	3,06 B			2.880 (390 - 3.320)	1.440	13,30	1,60 + 1,60 + 1,80
9[2] + 9[2] + 15	2,80	2,80	4,00			9,60 (2,90 - 10,10)	2,89 C			3.320 (390 - 3.770)	1.660	15,30	1,60 + 1,60 + 2,30
9[2] + 9[2] + 18	2,64	2,64	4,72			10,00 (2,90 - 10,70)	3,14 B			3.180 (390 - 3.770)	1.590	14,70	1,60 + 1,60 + 2,50
9[2] + 9[2] + 21	2,41	2,41	5,18			10,00 (2,90 - 10,70)	3,14 B			3.180 (390 - 3.770)	1.590	14,70	1,50 + 1,50 + 2,90
9[2] + 9[2] + 24	2,22	2,22	5,56			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,40 + 1,40 + 3,00
9[2] + 12 + 12	2,80	3,20	3,20			9,20 (2,90 - 10,10)	3,08 B			2.990 (390 - 3.690)	1.495	13,80	1,60 + 1,80 + 1,80
9[2] + 12 + 15	2,80	3,20	4,00			10,00 (2,90 - 10,70)	2,98 C	5,60 A+ [3]	10,00	3.540 (390 - 4.320)	625	16,30	1,60 + 1,80 + 2,30
9[2] + 12 + 18	2,54	2,91	4,55			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.700)	1.555	14,30	1,60 + 1,70 + 2,50
9[2] + 12 + 21	2,33	2,67	5,00			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.700)	1.555	14,30	1,50 + 1,60 + 2,70
9[2] + 12 + 24	2,15	2,46	5,39			10,00 (2,90 - 10,70)	3,29 A			3.040 (420 - 3.540)	1.520	14,00	1,40 + 1,50 + 2,90
9[2] + 15 + 15	2,60	3,70	3,70			10,00 (2,90 - 10,70)	2,82 C			3.540 (390 - 4.320)	1.770	16,30	1,60 + 2,20 + 2,20
9[2] + 15 + 18	2,37	3,39	4,24			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,50 + 1,90 + 2,40
9[2] + 15 + 21	2,18	3,13	4,69			10,00 (2,90 - 10,70)	3,22 A			3.110 (390 - 3.620)	1.555	14,30	1,40 + 1,80 + 2,50
9[2] + 15 + 24	2,03	2,90	5,07			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.540)	1.485	13,70	1,30 + 1,70 + 2,80
9[2] + 18 + 18	2,18	3,91	3,91			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,40 + 2,30 + 2,30
9[2] + 18 + 21	2,03	3,62	4,35			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,30 + 2,10 + 2,40
9[2] + 18 + 24	1,89	3,38	4,73			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,20 + 1,90 + 2,60
9[2] + 21 + 21	1,90	4,05	4,05			10,00 (2,90 - 10,70)	3,53 A			2.830 (430 - 3.250)	1.415	13,10	1,20 + 2,30 + 2,30
9[2] + 21 + 24	1,77	3,80	4,43			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,10 + 2,20 + 2,50
9[2] + 24 + 24	1,66	4,17	4,17			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	1,10 + 2,40 + 2,40
12 + 12 + 12	3,20	3,20	3,20			9,60 (2,90 - 10,10)	3,09 B			3.110 (390 - 3.540)	1.555	14,30	1,80 + 1,80 + 1,80
12 + 12 + 15	3,08	3,08	3,84			10,00 (2,90 - 10,70)	2,88 C	5,60 A+ [3]	10,00	3.470 (390 - 4.160)	625	16,00	1,70 + 1,70 + 2,20
12 + 12 + 18	2,81	2,81	4,38			10,00 (2,90 - 10,70)	3,29 A			3.040 (390 - 3.540)	1.520	14,00	1,60 + 1,60 + 2,40
12 + 12 + 21	2,58	2,58	4,84			10,00 (2,90 - 10,70)	3,29 A			3.040 (390 - 3.540)	1.520	14,00	1,60 + 1,60 + 2,60
12 + 12 + 24	2,39	2,39	5,22			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.470)	1.485	13,70	1,50 + 1,50 + 2,90
12 + 15 + 15	2,86	3,57	3,57			10,00 (2,90 - 10,70)	2,95 C			3.390 (390 - 4.160)	1.695	15,60	1,70 + 2,10 + 2,10
12 + 15 + 18	2,62	3,28	4,10			10,00 (2,90 - 10,70)	3,29 A			3.040 (420 - 3.540)	1.520	14,00	1,60 + 1,90 + 2,30
12 + 15 + 21	2,42	3,03	4,55			10,00 (2,90 - 10,70)	3,29 A			3.040 (420 - 3.540)	1.520	14,00	1,50 + 1,70 + 2,50
12 + 15 + 24	2,25	2,82	4,93			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.470)	1.485	13,70	1,50 + 1,70 + 2,70
12 + 18 + 18	2,42	3,79	3,79			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,50 + 2,20 + 2,20
12 + 18 + 21	2,25	3,52	4,23			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,50 + 2,00 + 2,40
12 + 18 + 24	2,10	3,29	4,61			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	1,40 + 1,90 + 2,50
12 + 21 + 21	2,10	3,95	3,95			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,40 + 2,30 + 2,30
12 + 21 + 24	1,98	3,70	4,32			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	1,30 + 2,20 + 2,40
12 + 24 + 24	1,86	4,07	4,07			10,00 (2,90 - 10,70)	3,70 A			2.700 (470 - 3.110)	1.350	12,50	1,20 + 2,30 + 2,30
15 + 15 + 15	3,33	3,33	3,33			9,99 (2,90 - 10,70)	2,95 C			3.390 (390 - 4.080)	1.695	15,60	1,90 + 1,90 + 1,90
15 + 15 + 18	3,08	3,08	3,84			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.540)	1.485	13,70	1,70 + 1,70 + 2,20
15 + 15 + 21	2,86	2,86	4,28			10,00 (2,90 - 10,70)	3,37 A			2.970 (420 - 3.540)	1.485	13,70	1,70 + 1,70 + 2,40
15 + 15 + 24	2,67	2,67	4,66			10,00 (2,90 - 10,70)	3,45 A			2.900 (420 - 3.400)	1.450	13,40	1,60 + 1,60 + 2,50
15 + 18 + 18	2,86	3,57	3,57			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,70 + 2,10 + 2,10
15 + 18 + 21	2,67	3,33	4,00			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,60 + 1,90 + 2,30
15 + 18 + 24	2,49	3,13	4,38			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	1,50 + 1,80 + 2,40
15 + 21 + 21	2,50	3,75	3,75			10,00 (2,90 - 10,70)	3,62 A			2.760 (460 - 3.180)	1.380	12,70	1,50 + 2,20 + 2,20
15 + 21 + 24	2,35	3,53	4,12			10,00 (2,90 - 10,70)	3,72 A			2.690 (460 - 3.110)	1.345	12,40	1,50 + 2,00 + 2,30
18 + 18 + 18	3,33	3,33	3,33			9,99 (2,90 - 10,70)	3,89 A			2.570 (510 - 2.970)	1.285	11,90	1,90 + 1,90 + 1,90
18 + 18 + 21	3,13	3,13	3,74			10,00 (2,90 - 10,70)	3,80 A			2.630 (510 - 2.970)	1.315	12,10	1,80 + 1,80 + 2,20
18 + 18 + 24	2,94	2,94	4,12			10,00 (2,90 - 10,70)	3,89 A			2.570 (510 - 2.970)	1.285	11,90	1,70 + 1,70 + 2,30
18 + 21 + 21	2,94	3,53	3,53			10,00 (2,90 - 10,70)	3,80 A			2.630 (510 - 2.970)	1.315	12,10	1,70 + 2,00 + 2,00

Indoor unit capacity	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
7 + 7 + 24	2,18	2,18	7,64			12,00 (2,70 - 13,80)	3,90 A			3.080 (290 - 4.290)	1.540	14,50
7 + 9[1] + 9[1]	2,68	3,36	3,36			9,40 (2,70 - 12,30)	3,60 A			2.610 (270 - 3.860)	1.305	12,30
7 + 9[1] + 9[2]	2,66	3,32	3,72			9,70 (2,70 - 12,30)	3,49 B			2.780 (270 - 3.860)	1.390	13,10
7 + 9[1] + 12	2,65	3,31	4,24			10,20 (2,70 - 12,90)	3,62 A			2.820 (270 - 4.080)	1.410	13,30
7 + 9[1] + 15	2,64	3,29	5,27			11,20 (2,70 - 13,60)	3,78 A			2.960 (260 - 4.470)	1.480	13,90
7 + 9[1] + 18	2,52	3,16	6,32			12,00 (2,70 - 13,60)	3,81 A			3.150 (290 - 4.170)	1.575	14,80
7 + 9[1] + 21	2,28	2,86	6,86			12,00 (2,70 - 13,80)	3,81 A	3,80 A [3]	10,0	3.150 (290 - 4.310)	3.684	14,80
7 + 9[1] + 24	2,09	2,61	7,30			12,00 (2,70 - 13,80)	3,90 A			3.080 (290 - 4.290)	1.540	14,50
7 + 9[2] + 9[2]	2,66	3,72	3,72			10,10 (2,70 - 12,30)	3,53 B			2.860 (270 - 3.860)	1.430	13,40
7 + 9[2] + 12	2,62	3,68	4,20			10,50 (2,70 - 12,90)	3,62 A			2.900 (270 - 4.080)	1.450	13,60
7 + 9[2] + 15	2,61	3,66	5,23			11,50 (2,70 - 13,60)	3,69 A			3.120 (260 - 4.470)	1.560	14,70
7 + 9[2] + 18	2,45	3,43	6,12			12,00 (2,70 - 13,60)	3,81 A	3,80 A [3]	10,0	3.150 (290 - 4.170)	3.684	14,80
7 + 9[2] + 21	2,22	3,11	6,67			12,00 (2,70 - 13,80)	3,81 A			3.150 (290 - 4.310)	1.575	14,80
7 + 9[2] + 24	2,03	2,85	7,12			12,00 (2,70 - 13,80)	3,90 A			3.080 (290 - 4.290)	1.540	14,50
7 + 12 + 12	2,62	4,19	4,19			11,00 (2,70 - 12,90)	3,75 A			2.930 (280 - 4.050)	1.465	13,80
7 + 12 + 15	2,61	4,17	5,22			12,00 (2,70 - 13,60)	3,68 A			3.260 (280 - 4.360)	1.630	15,30
7 + 12 + 18	2,35	3,76	5,89			12,00 (2,70 - 13,60)	3,92 A	3,80 A [3]	10,0	3.060 (310 - 4.130)	3.684	14,40
7 + 12 + 21	2,14	3,43	6,43			12,00 (2,70 - 13,80)	3,92 A			3.060 (310 - 4.270)	1.530	14,40
7 + 12 + 24	1,96	3,15	6,89			12,00 (2,70 - 13,80)	3,93 A			3.050 (310 - 4.250)	1.525	14,30
7 + 15 + 15	2,40	4,80	4,80			12,00 (2,70 - 13,60)	3,69 A	3,80 A [3]	10,0	3.250 (280 - 4.350)	3.684	15,30
7 + 15 + 18	2,18	4,36	5,46			12,00 (2,70 - 13,80)	3,93 A			3.050 (310 - 4.250)	1.525	14,30
7 + 15 + 21	2,00	4,00	6,00			12,00 (2,70 - 13,80)	3,93 A			3.050 (310 - 4.250)	1.525	14,30
7 + 15 + 24	1,85	3,69	6,46			12,00 (2,70 - 14,10)	3,96 A			3.030 (310 - 4.370)	1.515	14,20
7 + 18 + 18	2,00	5,00	5,00			12,00 (2,70 - 13,80)	4,11 A			2.920 (350 - 4.020)	1.460	13,70
7 + 18 + 21	1,84	4,62	5,54			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
7 + 18 + 24	1,71	4,29	6,00			12,00 (2,70 - 14,10)	4,12 A			2.910 (370 - 4.200)	1.455	13,70
7 + 21 + 21	1,72	5,14	5,14			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
7 + 21 + 24	1,60	4,80	5,60			12,00 (2,70 - 14,40)	4,12 A			2.910 (370 - 4.330)	1.455	13,70
7 + 24 + 24	1,50	5,25	5,25			12,00 (2,70 - 14,40)	4,07 A			2.950 (380 - 4.310)	1.475	13,90
9[1] + 9[1] + 9[1]	3,23	3,23	3,23			9,69 (2,70 - 12,30)	3,49 B			2.780 (270 - 3.860)	1.390	13,10
9[1] + 9[1] + 9[2]	3,24	3,24	3,62			10,10 (2,70 - 12,90)	3,53 B			2.860 (270 - 4.180)	1.430	13,40
9[1] + 9[1] + 12	3,20	3,20	4,10			10,50 (2,70 - 12,90)	3,62 A			2.900 (270 - 4.080)	1.450	13,60
9[1] + 9[1] + 15	3,19	3,19	5,12			11,50 (2,70 - 13,60)	3,69 A			3.120 (260 - 4.470)	1.560	14,70
9[1] + 9[1] + 18	3,00	3,00	6,00			12,00 (2,70 - 13,60)	3,81 A	3,80 A [3]	10,00	3.150 (290 - 4.170)	3.684	14,80
9[1] + 9[1] + 21	2,73	2,73	6,54			12,00 (2,70 - 13,80)	3,81 A			3.150 (290 - 4.310)	1.575	14,80
9[1] + 9[1] + 24	2,50	2,50	7,00			12,00 (2,70 - 13,80)	3,90 A			3.080 (290 - 4.290)	1.540	14,50
9[1] + 9[2] + 9[2]	3,20	3,60	3,60			10,40 (2,70 - 12,90)	3,61 A			2.880 (270 - 4.180)	1.440	13,50
9[1] + 9[2] + 12	3,21	3,59	4,10			10,90 (2,70 - 13,60)	3,67 A			2.970 (270 - 4.480)	1.485	14,00
9[1] + 9[2] + 15	3,20	3,58	5,12			11,90 (2,70 - 13,60)	3,62 A			3.290 (260 - 4.470)	1.645	15,50
9[1] + 9[2] + 18	2,91	3,26	5,83			12,00 (2,70 - 13,60)	3,81 A	3,80 A [3]	10,00	3.150 (290 - 4.170)	3.684	14,80
9[1] + 9[2] + 21	2,65	2,97	6,38			12,00 (2,70 - 13,80)	3,81 A			3.150 (290 - 4.310)	1.575	14,80
9[1] + 9[2] + 24	2,44	2,73	6,83			12,00 (2,70 - 13,80)	3,90 A			3.080 (290 - 4.290)	1.540	14,50
9[1] + 12 + 12	3,18	4,06	4,06			11,30 (2,70 - 13,60)	3,78 A			2.990 (280 - 4.450)	1.495	14,10
9[1] + 12 + 15	3,09	3,96	4,95			12,00 (2,70 - 13,60)	3,68 A			3.260 (280 - 4.360)	1.630	15,30
9[1] + 12 + 18	2,80	3,59	5,61			12,00 (2,70 - 13,80)	3,92 A			3.060 (310 - 4.270)	1.530	14,40
9[1] + 12 + 21	2,56	3,28	6,16			12,00 (2,70 - 13,80)	3,92 A			3.060 (310 - 4.270)	1.530	14,40
9[1] + 12 + 24	2,36	3,02	6,62			12,00 (2,70 - 14,10)	3,93 A			3.050 (310 - 4.380)	1.525	14,30
9[1] + 15 + 15	2,86	4,57	4,57			12,00 (2,70 - 13,80)	3,69 A	3,80 A [3]	10,00	3.250 (280 - 4.490)	3.684	15,30
9[1] + 15 + 18	2,61	4,17	5,22			12,00 (2,70 - 13,80)	3,93 A			3.050 (310 - 4.250)	1.525	14,30
9[1] + 15 + 21	2,40	3,84	5,76			12,00 (2,70 - 13,80)	3,93 A			3.050 (310 - 4.250)	1.525	14,30
9[1] + 15 + 24	2,22	3,56	6,22			12,00 (2,70 - 14,10)	3,96 A			3.030 (310 - 4.370)	1.515	14,20
9[1] + 18 + 18	2,40	4,80	4,80			12,00 (2,70 - 13,80)	4,11 A			2.920 (350 - 4.020)	1.460	13,70
9[1] + 18 + 21	2,22	4,44	5,34			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
9[1] + 18 + 24	2,07	4,14	5,79			12,00 (2,70 - 14,10)	4,12 A			2.910 (370 - 4.200)	1.455	13,70
9[1] + 21 + 21	2,06	4,97	4,97			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
9[1] + 21 + 24	1,93	4,65	5,42			12,00 (2,70 - 14,40)	4,12 A			2.910 (370 - 4.330)	1.455	13,70
9[1] + 24 + 24	1,82	5,09	5,09			12,00 (2,70 - 14,40)	4,07 A			2.950 (380 - 4.310)	1.475	13,90
9[2] + 9[2] + 9[2]	3,60	3,60	3,60			10,80 (2,70 - 12,90)	3,67 A			2.940 (270 - 4.180)	1.470	13,80
9[2] + 9[2] + 12	3,60	3,60	4,10			11,30 (2,70 - 13,60)	3,74 A			3.020 (270 - 4.480)	1.510	14,20
9[2] + 9[2] + 15	3,50	3,50	5,00			12,00 (2,70 - 13,60)	3,58 B			3.350 (260 - 4.470)	1.675	15,70
9[2] + 9[2] + 18	3,17	3,17	5,66			12,00 (2,70 - 13,80)	3,81 A			3.150 (290 - 4.310)	1.575	14,80
9[2] + 9[2] + 21	2,90	2,90	6,20			12,00 (2,70 - 13,80)	3,81 A			3.150 (290 - 4.310)	1.575	14,80
9[2] + 9[2] + 24	2,67	2,67	6,66			12,00 (2,70 - 13,80)	3,90 A			3.080 (290 - 4.290)	1.540	14,50
9[2] + 12 + 12	3,56	4,07	4,07			11,70 (2,70 - 13,60)	3,70 A			3.160 (280 - 4.450)	1.580	14,80
9[2] + 12 + 15	3,36	3,84	4,80			12,00 (2,70 - 13,60)	3,68 A	3,80 A [3]	10,00	3.260 (280 - 4.360)	3.684	15,30
9[2] + 12 + 18	3,05	3,49	5,46			12,00 (2,70 - 13,80)	3,92 A			3.060 (310 - 4.270)	1.530	14,40
9[2] + 12 + 21	2,80	3,20	6,00			12,00 (2,70 - 13,80)	3,92 A			3.060 (310 - 4.270)	1.530	14,40
9[2] + 12 + 24	2,58	2,95	6,47			12,00 (2,70 - 14,10)	3,93 A			3.050 (310 - 4.380)	1.525	14,30
9[2] + 15 + 15	3,12	4,44	4,44			12,00 (2,70 - 13,80)	3,69 A			3.250 (280 - 4.490)	1.625	15,30
9[2] + 15 + 18	2,85	4,07	5,08			12,00 (2,70 - 13,80)	3,93 A			3.050 (310 - 4.250)	1.525	14,30
9[2] + 15 + 21	2,62	3,75	5,63			12,00 (2,70 - 14,10)	3,93 A			3.050 (310 - 4.390)	1.525	14,30
9[2] + 15 + 24	2,43	3,48	6,09			12,00 (2,70 - 14,10)	3,96 A			3.030 (310 - 4.370)	1.515	14,20
9[2] + 18 + 18	2,62	4,69	4,69			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
9[2] + 18 + 21	2,43	4,35	5,22			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
9[2] + 18 + 24	2,27	4,05	5,68			12,00 (2,70 - 14,10)	4,12 A			2.910 (370 - 4.200)	1.455	13,70
9[2] + 21 + 21	2,28	4,86	4,86			12,00 (2,70 - 14,10)	4,11 A			2.920 (350 - 4.220)	1.460	13,70
9[2] + 21 + 24	2,12	4,56	5,32			12,00 (2,70 - 14,40)	4,12 A			2.910 (370 - 4.330)	1.455	13,70
9[2] + 24 + 24	2,00	5,00	5,00			12,00 (2,70 - 14,40)	4,07 A			2.950 (380 - 4.310)	1.475	13,90
12 + 12 + 12	4,00	4,00	4,00			12,00 (2,70 - 13,60)	3,70 A			3.240 (280 - 4.340)	1.620	15,20
12 + 12 + 15	3,69	3,69	4,62			12,00 (2,70 - 13,60)	3,73 A	3,80 A [3]	10,00	3.220 (280 - 4.330)	3.684	15,10
12 + 12 + 18	3,37	3,37	5,26			12,00 (2,70 - 13,80)	3,96 A			3.030 (310 - 4.230)	1.515	14,20
12 + 12 + 21	3,10	3,10	5,80			12,00 (2,70 - 13,80)	3,96 A			3.030 (310 - 4.230)	1.515	14,20
12 + 12 + 24	2,87	2,87	6,26			12,00 (2,70 - 14,10)	3,97 A			3.020 (320 - 4.340)	1.510	14,20
12 + 15 + 15	3,42	4,29	4,29			12,00 (2,70 - 13,80)	3,74 A			3.210 (280 - 4.450)	1.605	15,10
12 + 15 + 18	3,15	3,93	4,92			12,00 (2,70 - 13,80)	3,97 A			3.020 (320 - 4.210)	1.510	14,20
12 + 15 + 21	2,91	3,64	5,45			12,00 (2,70 - 14,10)	3,97 A			3.020 (320 - 4.340)	1.510	14,20
12 + 15 + 24	2,70	3,38	5,92			12,00 (2,70 - 14,10)	4,00 A			3.000 (320 - 4.320)	1.500	14,10
12 + 18 + 18	2,90	4,55	4,55			12,00 (2,70 - 14,10)	4,07 A			2.950 (380 - 4.180)	1.475	13,90
12 + 18 + 21	2,70	4,23	5,07			12,00 (2,70 - 14,10)	4,07 A			2.950 (380 - 4.180)	1.475	13,90
12 + 18 + 24	2,52	3,95	5,53			12,00 (2,70 - 14,40)	4,10 A			2.930 (380 - 4.290)	1.465	13,80
12 + 21 + 21	2,52	4,74	4,74			12,00 (2,70 - 14,40)	4,07 A			2.950 (380 - 4.310)	1.475	13,90
12 + 21 + 24	2,37	4,44	5,19			12,00 (2,70 - 14,40)	4,10 A			2.930 (380 - 4.290)	1.465	13,80
12 + 24 + 24	2,24	4,88	4,88			12,00 (2,70 - 14,40)	4,11 A			2.920 (390 - 4.270)	1.460	13,70
15 + 15 + 15	4,00	4,00	4,00			12,00 (2,70 - 13,80)	3,75 A			3.200 (280 - 4.360)	1.600	15,00
15 + 15 + 18	3,69	3,69	4,62			12,00 (2,70 - 14,10)	3,99 A			3.010 (320 - 4.330)	1.505	14,10
15 + 15 + 21	3,43	3,43	5,14			12,00 (2,70 - 14,10)	3,99 A			3.010 (320 - 4.330)	1.505	14,10
15 + 15 + 24	3,20	3,20	5,60			12,00 (2,70 - 14,40)	4,01 A			2.990 (320 - 4.450)	1.495	14,10
15 + 18 + 18	3,42	4,29	4,29			12,00 (2,70 - 14,10)	4,08 A			2.940 (380 - 4.160)	1.470	13,80
15 + 18 + 21	3,20	4,00	4,80			12,00 (2,70 - 14,40)	4,08 A			2.940 (380 - 4.300)	1.470	13,80
15 + 18 + 24	3,00	3,75	5,25			12,00 (2,70 - 14,40)	4,11 A			2.920 (390 - 4.280)	1.460	13,70
15 + 21 + 21	3,00	4,50	4,50			12,00 (2,70 - 14,40)	4,08 A			2.940 (380 - 4.300)	1.470	13,80
15 + 21 + 24	2,82	4,24	4,94			12,00 (2,70 - 14,40)	4,11 A			2.920 (390 - 4.280)	1.460	13,70
18 + 18 + 18	4,00	4,00	4,00			12,00 (2,70 - 14,40)	4,17 A			2.880 (460 - 4.200)	1.440	13,50
18 + 18 + 21	3,75	3,75	4,50			12,00 (2,70 - 14,40)	4,17 A			2.880 (460 - 4.200)	1.440	13,50
18 + 18 + 24	3,53	3,53	4,94			12,00 (2,70 - 14,40)	4,18 A			2.870 (480 - 4.190)	1.435	13,50
18 + 21 + 21	3,52	4,24	4,24			12,00 (2,70 - 14,40)	4,17 A			2.880 (460 - 4.200)	1.440	13,50

1) For Etherea. 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.

* Data for not simultaneous operation.

Free Multi combinations table

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW

Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
4 Rooms																									
5 + 5 + 5 + 5	1,60	1,60	1,60	1,60		6,40 (2,90 - 10,60)	4,13 A			1.550 (420 - 3.850)	775	7,20	1,00 + 1,00 + 1,00 + 1,00	2,88	2,88	2,88	2,88		11,52 (3,40 - 14,20)	4,00 A			2.880 (390 - 4.440)	1.440	13,50
5 + 5 + 5 + 7	1,60	1,60	1,60	2,00		6,80 (2,90 - 10,60)	4,00 A			1.700 (420 - 3.850)	850	7,90	1,00 + 1,00 + 1,00 + 1,30	2,71	2,71	2,71	3,39		11,52 (3,40 - 14,20)	4,03 A			2.860 (390 - 4.420)	1.430	13,40
5 + 5 + 5 + 9[1]	1,60	1,60	1,60	2,50		7,30 (2,90 - 10,60)	3,86 A			1.890 (420 - 3.850)	945	8,70	1,00 + 1,00 + 1,00 + 1,50	2,52	2,52	2,52	3,96		11,52 (3,40 - 14,20)	4,03 A			2.860 (390 - 4.420)	1.430	13,40
5 + 5 + 5 + 9[2]	1,60	1,60	1,60	2,80		7,60 (2,90 - 10,60)	3,78 A			2.010 (420 - 3.850)	1.005	9,30	1,00 + 1,00 + 1,00 + 1,60	2,43	2,43	2,43	4,23		11,52 (3,40 - 14,20)	4,03 A			2.860 (390 - 4.420)	1.430	13,40
5 + 5 + 5 + 12	1,60	1,60	1,60	3,20		8,00 (2,90 - 10,60)	3,67 A			2.180 (420 - 3.770)	1.090	10,10	1,00 + 1,00 + 1,00 + 1,80	2,30	2,30	2,30	4,62		11,52 (3,40 - 14,20)	4,07 A			2.830 (390 - 4.380)	1.415	13,30
5 + 5 + 5 + 15	1,60	1,60	1,60	4,00		8,80 (2,90 - 10,60)	3,44 A			2.560 (420 - 3.770)	1.280	11,80	1,00 + 1,00 + 1,00 + 2,30	2,09	2,09	2,09	5,25		11,52 (3,40 - 14,20)	4,09 A			2.820 (400 - 4.370)	1.410	13,30
5 + 5 + 5 + 18	1,60	1,60	1,60	5,00		9,80 (2,90 - 10,60)	3,44 A			2.850 (470 - 3.440)	1.425	13,10	1,00 + 1,00 + 1,00 + 2,70	1,88	1,88	1,88	5,88		11,52 (3,40 - 14,20)	4,25 A			2.710 (460 - 4.200)	1.355	12,70
5 + 5 + 5 + 21	1,48	1,48	1,48	5,56		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	0,90 + 0,90 + 0,90 + 3,00	1,71	1,71	1,71	6,39		11,52 (3,40 - 14,20)	4,25 A			2.710 (460 - 4.200)	1.355	12,70
5 + 5 + 5 + 24	1,36	1,36	1,36	5,92		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 0,90 + 0,90 + 3,30	1,56	1,56	1,56	6,84		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.180)	1.350	12,70
5 + 5 + 7 + 7	1,60	1,60	2,00	2,00		7,20 (2,90 - 10,60)	3,96 A			1.820 (420 - 3.760)	910	8,40	1,00 + 1,00 + 1,30 + 1,30	2,56	2,56	3,20	3,20		11,52 (3,40 - 14,20)	4,04 A			2.850 (390 - 4.410)	1.425	13,40
5 + 5 + 7 + 9[1]	1,60	1,60	2,00	2,50		7,70 (2,90 - 10,60)	3,76 A			2.050 (420 - 3.760)	1.025	9,50	1,00 + 1,00 + 1,30 + 1,50	2,39	2,39	2,99	3,75		11,52 (3,40 - 14,20)	4,04 A			2.850 (390 - 4.410)	1.425	13,40
5 + 5 + 7 + 9[2]	1,60	1,60	2,00	2,80		8,00 (2,90 - 10,60)	3,67 A			2.180 (420 - 3.760)	1.090	10,10	1,00 + 1,00 + 1,30 + 1,60	2,30	2,30	2,88	4,04		11,52 (3,40 - 14,20)	4,04 A			2.850 (390 - 4.410)	1.425	13,40
5 + 5 + 7 + 12	1,60	1,60	2,00	3,20		8,40 (2,90 - 10,60)	3,64 A			2.310 (420 - 3.680)	1.155	10,70	1,00 + 1,00 + 1,30 + 1,80	2,19	2,19	2,74	4,40		11,52 (3,40 - 14,20)	4,09 A			2.820 (400 - 4.370)	1.410	13,30
5 + 5 + 7 + 15	1,60	1,60	2,00	4,00		9,20 (2,90 - 10,60)	3,36 A			2.740 (420 - 3.680)	1.370	12,60	1,00 + 1,00 + 1,30 + 2,30	2,00	2,00	2,50	5,02		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 5 + 7 + 18	1,57	1,57	1,96	4,90		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	1,00 + 1,00 + 1,30 + 2,70	1,81	1,81	2,25	5,65		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.190)	1.350	12,70
5 + 5 + 7 + 21	1,43	1,43	1,78	5,36		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	0,90 + 0,90 + 1,10 + 2,90	1,65	1,65	2,05	6,17		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.190)	1.350	12,70
5 + 5 + 7 + 24	1,31	1,31	1,64	5,74		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 0,80 + 1,00 + 3,10	1,51	1,51	1,89	6,61		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 5 + 9[1] + 9[1]	1,60	1,60	2,50	2,50		8,20 (2,90 - 10,60)	3,64 A			2.250 (420 - 3.760)	1.125	10,40	1,00 + 1,00 + 1,50 + 1,50	2,25	2,25	3,51	3,51		11,52 (3,40 - 14,20)	4,04 A			2.850 (390 - 4.410)	1.425	13,40
5 + 5 + 9[1] + 9[2]	1,60	1,60	2,50	2,80		8,50 (2,90 - 10,60)	3,47 A			2.450 (420 - 3.760)	1.225	11,30	1,00 + 1,00 + 1,50 + 1,60	2,17	2,17	3,39	3,79		11,52 (3,40 - 14,20)	4,04 A			2.850 (390 - 4.410)	1.425	13,40
5 + 5 + 9[1] + 12	1,60	1,60	2,50	3,20		8,90 (2,90 - 10,60)	3,48 A			2.560 (420 - 3.680)	1.280	11,80	1,00 + 1,00 + 1,50 + 1,80	2,07	2,07	3,24	4,14		11,52 (3,40 - 14,20)	4,09 A			2.820 (400 - 4.370)	1.410	13,30
5 + 5 + 9[1] + 15	1,60	1,60	2,50	4,00		9,70 (2,90 - 10,60)	3,23 A			3.000 (420 - 3.680)	1.500	13,80	1,00 + 1,00 + 1,50 + 2,30	1,90	1,90	2,97	4,75		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 5 + 9[1] + 18	1,50	1,50	2,33	4,67		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	1,00 + 1,00 + 1,50 + 2,50	1,72	1,72	2,69	5,39		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.190)	1.350	12,70
5 + 5 + 9[1] + 21	1,37	1,37	2,13	5,13		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	0,90 + 0,90 + 1,40 + 2,80	1,58	1,58	2,45	5,91		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.190)	1.350	12,70
5 + 5 + 9[1] + 24	1,26	1,26	1,97	5,51		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 0,80 + 1,30 + 3,00	1,45	1,45	2,27	6,35		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 5 + 9[2] + 9[2]	1,60	1,60	2,80	2,80		8,80 (2,90 - 10,60)	3,44 A			2.560 (420 - 3.760)	1.280	11,80	1,00 + 1,00 + 1,60 + 1,60	2,09	2,09	3,67	3,67		11,52 (3,40 - 14,20)	4,04 A			2.850 (390 - 4.410)	1.425	13,40
5 + 5 + 9[2] + 12	1,60	1,60	2,80	3,20		9,20 (2,90 - 10,60)	3,36 A			2.740 (420 - 3.680)	1.370	12,60	1,00 + 1,00 + 1,60 + 1,80	2,00	2,00	3,51	4,01		11,52 (3,40 - 14,20)	4,09 A			2.820 (400 - 4.370)	1.410	13,30
5 + 5 + 9[2] + 15	1,60	1,60	2,80	4,00		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,00 + 1,00 + 1,60 + 2,30	1,84	1,84	3,23	4,61		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 5 + 9[2] + 18	1,45	1,45	2,55	4,55		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	0,90 + 0,90 + 1,60 + 2,50	1,68	1,68	2,92	5,24		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.190)	1.350	12,70
5 + 5 + 9[2] + 21	1,33	1,33	2,33	5,01		10,00 (2,90 - 10,60)	3,33 A			3.000 (470 - 3.440)	1.500	13,80	0,80 + 0,80 + 1,50 + 2,70	1,54	1,54	2,68	5,76		11,52 (3,40 - 14,20)	4,27 A			2.700 (460 - 4.190)	1.350	12,70
5 + 5 + 9[2] + 24	1,23	1,23	2,15	5,39		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 0,80 + 1,40 + 2,90	1,42	1,42	2,48	6,20		11,52 (3,40 - 14,40)	4,28 A			2.690 (460 - 4.230)	1.345	12,60
5 + 5 + 12 + 12	1,60	1,60	3,20	3,20		9,60 (2,90 - 10,60)	3,37 A			2.850 (430 - 3.680)	1.425	13,10	1,00 + 1,00 + 1,80 + 1,80	1,92	1,92	3,84	3,84		11,52 (3,40 - 14,20)	4,11 A			2.800 (420 - 4.320)	1.400	13,20
5 + 5 + 12 + 15	1,54	1,54	3,07	3,85		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	1,00 + 1,00 + 1,70 + 2,30	1,77	1,77	3,54	4,44		11,52 (3,40 - 14,20)	4,13 A			2.790 (420 - 4.240)	1.395	13,10
5 + 5 + 12 + 18	1,40	1,40	2,81	4,39		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 0,90 + 1,60 + 2,40	1,62	1,62	3,23	5,05		11,52 (3,40 - 14,20)	4,30 A			2.680 (480 - 4.150)	1.340	12,60
5 + 5 + 12 + 21	1,29	1,29	2,58	4,84		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 0,80 + 1,60 + 2,60	1,49	1,49	2,97	5,57		11,52 (3,40 - 14,20)	4,30 A			2.680 (480 - 4.150)	1.340	12,60
5 + 5 + 12 + 24	1,19	1,19	2,39	5,23		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,70 + 0,70 + 1,50 + 2,90	1,38	1,38	2,74	6,02		11,52 (3,40 - 14,40)	4,24 A			2.720 (490 - 4.200)	1.360	12,80
5 + 5 + 15 + 15	1,43	1,43	3,57	3,57		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	0,90 + 0,90 + 2,10 + 2,10	1,65	1,65	4,11	4,11		11,52 (3,40 - 14,20)	4,14 A			2.780 (420 - 4.230)	1.390	13,10
5 + 5 + 15 + 18	1,31	1,31	3,28	4,10		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 0,80 + 1,90 + 2,30	1,51	1,51	3,78	4,72		11,52 (3,40 - 14,20)	4,24 A			2.720 (490 - 4.130)	1.360	12,80
5 + 5 + 15 + 21	1,21	1,21	3,03	4,55		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 0,80 + 1,70 + 2,50	1,40	1,40	3,48	5,24		11,52 (3,40 - 14,40)	4,24 A			2.720 (490 - 4.200)	1.360	12,80
5 + 5 + 15 + 24	1,13	1,13	2,81	4,93		10,00 (3,00 - 11,00)	3,41 A			2.930 (510 - 3.610)	1.465	13,50	0,70 + 0,70 + 1,60 + 2,70	1,30	1,30	3,24	5,68		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.180)	1.355	12,70
5 + 5 + 18 + 18	1,21	1,21	3,79	3,79		10,00 (2,90 - 10,80)	3,57 A			2.800 (550 - 3.300)	1.400	12,90	0,80 + 0,80 + 2,20 + 2,20	1,40	1,40	4,36	4,36		11,52 (3,40 - 14,40)	4,30 A			2.680 (570 - 4.120)	1.340	12,60
5 + 5 + 18 + 21	1,13	1,13	3,51	4,23		10,00 (3,00 - 11,00)	3,57 A			2.800 (550 - 3.450)	1.400	12,90	0,70 + 0,70 + 2,00 + 2,40	1,30	1,30	4,05	4,87		11,52 (3,40 - 14,40)	4,30 A			2.680 (570 - 4.120)	1.340	12,60
5 + 5 + 18 + 24	1,05	1,05	3,29	4,61		10,00 (3,00 - 11,00)	3,57 A			2.800 (590 - 3.460)	1.400	12,90	0,70 + 0,70 + 1,90 + 2,50	1,21	1,21	3,79	5,31		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.100)	1.340	12,60
5 + 5 + 21 + 21	1,05	1,05	3,95	3,95		10,00 (3,00 - 11,00)	3,57 A			2.800 (550 - 3.450)	1.400	12,90	0,70 + 0,70 + 2,30 + 2,30	1,21	1,21	4,55	4,55		11,52 (3,40 - 14,40)	4,30 A			2.680 (570 - 4.120)	1.340	12,60
5 + 5 + 21 + 24	0,99	0,99	3,70	4,32		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 0,70 + 2,20 + 2,40	1,14	1,14	4,26	4,98		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.100)	1.340	12,60
5 + 5 + 24 + 24	0,93	0,93	4,07	4,07		10,00 (3,00 - 11,20)	3,57 A			2.800 (600 - 3.540)	1.400	12,90	0,70 + 0,70 + 2,30 + 2,30	1,07	1,07	4,69	4,69		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 7 + 7 + 7	1,60	2,00	2,00	2,00		7,60 (2,90 - 10,60)	3,78 A			2.010 (420 - 3.770)	1.005	9,30	1,00 + 1,30 + 1,30 + 1,30	2,43	3,03	3,03	3,03		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 7 + 7 + 9[1]	1,60	2,00	2,00	2,50		8,10 (2,90 - 10,60)	3,72 A			2.180 (420 - 3.770)	1.090	10,10	1,00 + 1,30 + 1,30 + 1,50	2,28	2,84	2,84	3,56		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 7 + 7 + 9[2]	1,60	2,00	2,00	2,80		8,40 (2,90 - 10,60)	3,53 A			2.380 (420 - 3.770)	1.190	11,00	1,00 + 1,30 + 1,30 + 1,60	2,19	2,74	2,74	3,85		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 7 + 7 + 12	1,60	2,00	2,00	3,20		8,80 (2,90 - 10,60)	3,53 A			2.490 (420 - 3.680)	1.245	11,50	1,00 + 1,30 + 1,30 + 1,80	2,09	2,62	2,62	4,19		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 7 + 7 + 15	1,60	2,00	2,00	4,00		9,60 (2,90 - 10,60)	3,29 A			2.920 (420 - 3.680)	1.460	13,50	1,00 + 1,30 + 1,30 + 2,30	1,92	2,40	2,40	4,80		11,52 (3,40 - 14,20)	4,11 A			2.800 (400 - 4.340)	1.400	13,20
5 + 7 + 7 + 18	1,50	1,89	1,89	4,72		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	1,00 + 1,20 + 1,20 + 2,50	1,74	2,17	2,17	5,44		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 7 + 7 + 21	1,38	1,72	1,72	5,18		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 1,10 + 1,10 + 2,90	1,59	1,99	1,99	5,95		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 7 + 7 + 24	1,26	1,59	1,59	5,56		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,80 + 1,00 + 1,00 + 3,00	1,46	1,83	1,83	6,40		11,52 (3,40 - 14,20)	4,30 A			2.680 (480 - 4.150)	1.340	12,60
5 + 7 + 9[1] + 9[1]	1,60	2,00	2,50	2,50		8,60 (2,90 - 10,60)	3,51 A			2.450 (420 - 3.770)	1.225	11,30	1,00 + 1,30 + 1,50 + 1,50	2,14	2,68	3,35	3,35		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 7 + 9[1] + 9[2]	1,60	2,00	2,50	2,80		8,90 (2,90 - 10,60)	3,38 A			2.630 (420 - 3.770)	1.315	12,10	1,00 + 1,30 + 1,50 + 1,60	2,07	2,59	3,24	3,62		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 7 + 9[1] + 12	1,60	2,00	2,50	3,20		9,30 (2,90 - 10,60)	3,39 A			2.740 (420 - 3.680)	1.370	12,60	1,00 + 1,30 + 1,50 + 1,80	1,98	2,48	3,10	3,96		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 7 + 9[1] + 15	1,58	1,98	2,48	3,96		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,00 + 1,30 + 1,50 + 2,30	1,82	2,28	2,85	4,57		11,52 (3,40 - 14,20)	4,11 A			2.800 (400 - 4.340)	1.400	13,20
5 + 7 + 9[1] + 18	1,44	1,80	2,25	4,51		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 1,20 + 1,50 + 2,50	1,66	2,08	2,59	5,19		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 7 + 9[1] + 21	1,32	1,65	2,07	4,96		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,10 + 1,30 + 2,70	1,52	1,90	2,38	5,72		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 7 + 9[1] + 24	1,22	1,53	1,91	5,34		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,80 + 1,00 + 1,20 + 2,90	1,40	1,76	2,20	6,16		11,52 (3,40 - 14,40)	4,30 A			2.680 (480 - 4.220)	1.340	12,60
5 + 7 + 9[2] + 9[2]	1,60	2,00	2,80	2,80		9,20 (2,90 - 10,60)	3,36 A			2.740 (420 - 3.770)	1.370	12,60	1,00 + 1,30 + 1,60 + 1,60	2,00	2,50	3,51	3,51		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 7 + 9[2] + 12	1,60	2,00	2,80	3,20		9,60 (2,90 - 10,60)	3,29 A			2.920 (420 - 3.680)	1.460	13,50	1,00 + 1,30 + 1,60 + 1,80	1,92	2,40	3,36	3,84		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 7 + 9[2] + 15	1,54	1,92	2,69	3,85		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,00 + 1,20 + 1,60 + 2,30	1,77	2,22	3,10	4,43		11,52 (3,40 - 14,20)	4,11 A			2.800 (400 - 4.340)	1.400	13,20
5 + 7 + 9[2] + 18	1,40	1,75	2,46	4,39		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 1,10 + 1,50 + 2,40	1,62	2,02	2,83	5,05		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 7 + 9[2] + 21	1,29	1,61	2,26	4,84		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,00 + 1,50 + 2,60	1,49	1,86	2,60	5,57		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 7 + 9[2] + 24	1,19	1,49	2,09	5,23		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,70 + 0,90 + 1,40 + 2,90	1,37	1,72	2,41	6,02		11,52 (3,40 - 14,40)	4,30 A			2.680 (480 - 4.220)	1.340	12,60
5 + 7 + 12 + 12	1,60	2,00	3,20	3,20		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	1,00 + 1,30 + 1,80 + 1,80	1,84	2,30	3,69	3,69		11,52 (3,40 - 14,20)	4,13 A			2.790 (420 - 4.240)	1.395	13,10
5 + 7 + 12 + 15	1,48	1,85	2,96	3,71		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	0,90 + 1,20 + 1,70 + 2,20	1,71	2,13	3,41	4,27		11,52 (3,40 - 14,20)	4,14 A			2.780 (420 - 4.230)	1.390	13,10
5 + 7 + 12 + 18	1,36	1,69	2,71	4,24		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 1,10 + 1,60 + 2,40	1,56	1,95	3,12	4,89		11,52 (3,40 - 14,20)	4,24 A			2.720 (490 - 4.130)	1.360	12,80
5 + 7 + 12 + 21	1,25	1,56	2,50	4,69		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,00 + 1,50 + 2,50	1,44	1,80	2,88	5,40		11,52 (3,40 - 14,40)	4,24 A			2.720 (490 - 4.200)	1.360	12,80
5 + 7 + 12 + 24	1,16	1,45	2,32	5,07		10,00 (2,90 - 10,80)	3,50 A			2.860 (510 - 3.450)	1.430	13,20	0,70 + 0,90 + 1,50 + 2,80	1,34	1,67	2,67	5,84		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.180)	1.355	12,70
5 + 7 + 15 + 15	1,38	1,72	3,45	3,45		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	0,90 + 1,10 + 2,00 + 2,00	1,59	1,99	3,97	3,97		11,52 (3,40 - 14,20)	4,16 A			2.770 (420 - 4.210)	1.385	13,00
5 + 7 + 15 + 18	1,27	1,59	3,17	3,97		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,80 + 1,00 + 1,80 + 2,30	1,46	1,83	3,66	4,57		11,52 (3,40 - 14,20)	4,25 A			2.710 (490 - 4.120)	1.355	12,70
5 + 7 + 15 + 21	1,18	1,47	2,94	4,41		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,70 + 0,90 + 1,70 + 2,40	1,36	1,69	3,39	5,08		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.190)	1.355	12,70
5 + 7 + 15 + 24	1,10	1,37	2,74	4,79		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,70 + 0,90 + 1,60 + 2,60	1,26	1,58	3,16	5,52		11,52 (3,40 - 14,40)	4,27 A			2.700 (500 - 4.170)	1.350	12,70
5 + 7 + 18 + 18	1,17	1,47	3,68	3,68		10,00 (2,90 - 10,80)	3,57 A			2.800 (560 - 3.300)	1.400	12,90	0,70 + 0,90 + 2,10 + 2,10	1,35	1,69	4,24	4,24		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 7 + 18 + 21	1,10	1,37	3,42	4,11		10,00 (3,00 - 11,00)	3,57 A			2.800 (560 - 3.450)	1.400	12,90	0,70 + 0,90 + 2,00 + 2,30	1,26	1,58	3,95	4,73		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 7 + 18 + 24	1,02	1,28	3,21	4,49		10,00 (3,00 - 11,00)	3,57 A			2.800 (590 - 3.380)	1.400	12,90	0,70 + 0,80 + 1,80 + 2,50	1,18	1,48	3,69	5,17		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 7 + 21 + 21	1,02	1,28	3,85	3,85		10,00 (3,00 - 11,00)	3,57 A			2.800 (560 - 3.450)	1.400	12,90	0,70 + 0,80 + 2,30 + 2,30	1,18	1,48	4,43	4,43		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 7 + 21 + 24	0,96	1,20	3,61	4,23		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 0,70 + 2,10 + 2,40	1,11	1,39	4,16	4,86		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 9[1] + 9[1] + 9[1]	1,60	2,50	2,50	2,50		9,10 (2,90 - 10,60)	3,41 A			2.670 (420 - 3.770)	1.335	12,30	1,00 + 1,50 + 1,50 + 1,50	2,04	3,16	3,16	3,16		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 9[1] + 9[1] + 9[2]	1,60	2,50	2,50	2,80		9,40 (2,90 - 10,60)	3,25 A			2.890 (420 - 3.770)	1.445	13,30	1,00 + 1,50 + 1,50 + 1,60	1,96	3,06	3,06	3,44		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 9[1] + 9[1] + 12	1,60	2,50	2,50	3,20		9,80 (2,90 - 10,60)	3,19 B			3.070 (420 - 3.680)	1.535	14,20	1,00 + 1,50 + 1,50 + 1,80	1,88	2,94	2,94	3,76		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 9[1] + 9[1] + 15	1,51	2,36	2,36	3,77		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,00 + 1,50 + 1,50 + 2,20	1,73	2,72	2,72	4,35		11,52 (3,40 - 14,20)	4,11 A			2.800 (400 - 4.340)	1.400	13,20
5 + 9[1] + 9[1] + 18	1,37	2,16	2,16	4,31		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,90 + 1,40 + 1,40 + 2,40	1,59	2,48	2,48	4,97		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 9[1] + 9[1] + 21	1,27	1,98	1,98	4,77		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,30 + 1,30 + 2,60	1,45	2,29	2,29	5,49		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 9[1] + 9[1] + 24	1,17	1,84	1,84	5,15		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,70 + 1,20 + 1,20 + 2,80	1,35	2,12	2,12	5,93		11,52 (3,40 - 14,40)	4,30 A			2.680 (480 - 4.220)	1.340	12,60
5 + 9[1] + 9[2] + 9[2]	1,60	2,50	2,80	2,80		9,70 (2,90 - 10,60)	3,23 A			3.000 (420 - 3.770)	1.500	13,80	1,00 + 1,50 + 1,60 + 1,60	1,89	2,97	3,33	3,33		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 9[1] + 9[2] + 12	1,58	2,48	2,77	3,17		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,00 + 1,50 + 1,60 + 1,80	1,82	2,85	3,19	3,66		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 9[1] + 9[2] + 15	1,47	2,29	2,57	3,67		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	0,90 + 1,50 + 1,60 + 2,10	1,69	2,64	2,96	4,23		11,52 (3,40 - 14,20)	4,11 A			2.800 (400 - 4.340)	1.400	13,20
5 + 9[1] + 9[2] + 18	1,34	2,10	2,35	4,21		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	0,80 + 1,40 + 1,50 + 2,40	1,55	2,42	2,71	4,84		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 9[1] + 9[2] + 21	1,24	1,94	2,17	4,65		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,30 + 1,40 + 2,50	1,43	2,23	2,50	5,36		11,52 (3,40 - 14,40)	4,28 A			2.690 (460 - 4.240)	1.345	12,60
5 + 9[1] + 9[2] + 24	1,15	1,80	2,01	5,04		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,70 + 1,20 + 1,30 + 2,80	1,33	2,07	2,32	5,80		11,52 (3,40 - 14,40)	4,30 A			2.680 (480 - 4.220)	1.340	12,60
5 + 9[1] + 12 + 12	1,52	2,38	3,05	3,05		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	1,00 + 1,50 + 1,70 + 1,70	1,76	2,74	3,51	3,51		11,52 (3,40 - 14,20)	4,13 A			2.790 (420 - 4.240)	1.395	13,10
5 + 9[1] + 12 + 15	1,42	2,21	2,83	3,54		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	0,90 + 1,40 + 1,70 + 2,00	1,63	2,55	3,26	4,08		11,52 (3,40 - 14,20)	4,14 A			2.780 (420 - 4.230)	1.390	13,10
5 + 9[1] + 12 + 18	1,30	2,03	2,60	4,07		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,30 + 1,60 + 2,30	1,50	2,34	3,00	4,68		11,52 (3,40 - 14,20)	4,24 A			2.720 (490 - 4.130)	1.360	12,80
5 + 9[1] + 12 + 21	1,20	1,88	2,41	4,51		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,70 + 1,20 + 1,50 + 2,50	1,38	2,17	2,77	5,20		11,52 (3,40 - 14,40)	4,24 A			2.720 (490 - 4.200)	1.360	12,80
5 + 9[1] + 12 + 24	1,11	1,75	2,24	4,90		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	0,70 + 1,10 + 1,50 + 2,70	1,29	2,01	2,58	5,64		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.180)	1.355	12,70
5 + 9[1] + 15 + 15	1,31	2,07	3,31	3,31		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	0,80 + 1,30 + 1,90 + 1,90	1,52	2,38	3,81	3,81		11,52 (3,40 - 14,20)	4,16 A			2.770 (420 - 4.210)	1.385	13,00
5 + 9[1] + 15 + 18	1,22	1,91	3,05	3,82		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,80 + 1,20 + 1,70 + 2,20	1,40	2,20	3,52	4,40		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.190)	1.355	12,70
5 + 9[1] + 15 + 21	1,13	1,77	2,84	4,26		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,70 + 1,10 + 1,70 + 2,40	1,31	2,04	3,27	4,90		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.190)	1.355	12,70
5 + 9[1] + 15 + 24	1,05	1,66	2,65	4,64		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,70 + 1,10 + 1,60 + 2,50	1,22	1,91	3,05	5,34		11,52 (3,40 - 14,40)	4,27 A			2.700 (500 - 4.170)	1.350	12,70
5 + 9[1] + 18 + 18	1,13	1,77	3,55	3,55		10,00 (2,90 - 10,80)	3,57 A			2.800 (560 - 3.300)	1.400	12,90	0,70 + 1,10 + 2,10 + 2,10	1,30	2,04	4,09	4,09		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 9[1] + 18 + 21	1,06	1,66	3,31	3,97		10,00 (3,00 - 11,00)	3,57 A			2.800 (560 - 3.450)	1.400	12,90	0,70 + 1,10 + 1,90 + 2,30	1,22	1,91	3,81	4,58		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 9[1] + 18 + 24	0,99	1,55	3,11	4,35		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 1,00 + 1,80 + 2,40	1,14	1,79	3,58	5,01		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 9[1] + 21 + 21	0,99	1,55	3,73	3,73		10,00 (3,00 - 11,20)	3,57 A			2.800 (560 - 3.530)	1.400	12,90	0,70 + 1,00 + 2,20 + 2,20	1,14	1,80	4,29	4,29		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 9[1] + 21 + 24	0,94	1,46	3,51	4,09		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 0,90 + 2,00 + 2,30	1,08	1,68	4,04	4,72		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 9[2] + 9[2] + 9[2]	1,60	2,80	2,80	2,80		10,00 (2,90 - 10,60)	3,11 B			3.220 (420 - 3.770)	1.610	14,80	1,00 + 1,60 + 1,60 + 1,60	1,83	3,23	3,23	3,23		11,52 (3,40 - 14,20)	4,06 A			2.840 (390 - 4.390)	1.420	13,30
5 + 9[2] + 9[2] + 12	1,54	2,69	2,69	3,08		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,00 + 1,60 + 1,60 + 1,70	1,77	3,10	3,10	3,55		11,52 (3,40 - 14,20)	4,10 A			2.810 (400 - 4.350)	1.405	13,20
5 + 9[2] + 9[2] + 15	1,43	2,50	2,50	3,57		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	0,90 + 1,50 + 1,50 + 2,10	1,65	2,88	2,88	4,11		11,52 (3,40 - 14,20)	4,11 A			2.800 (400 - 4.340)	1.400	13,20
5 + 9[2] + 9[2] + 18	1,30	2,30	2,30	4,10		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,50 + 1,50 + 2,30	1,51	2,64	2,64	4,73		11,52 (3,40 - 14,20)	4,28 A			2.690 (460 - 4.170)	1.345	12,60
5 + 9[2] + 9[2] + 21	1,21	2,12	2,12	4,55		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,40 + 1,40 + 2,50	1,40	2,44	2,44	5,24		11,52 (3,40 - 14,40)	4,28 A			2.690 (460 - 4.240)	1.345	12,60
5 + 9[2] + 9[2] + 24	1,13	1,97	1,97	4,93		10,00 (3,00 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	0,70 + 1,30 + 1,30 + 2,70	1,30	2,27	2,27	5,68		11,52 (3,40 - 14,40)	4,30 A			2.680 (480 - 4.220)	1.340	12,60
5 + 9[2] + 12 + 12	1,48	2,60	2,96	2,96		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	0,90 + 1,60 + 1,70 + 1,70	1,71	2,99	3,41	3,41		11,52 (3,40 - 14,20)	4,13 A			2.790 (420 - 4.240)	1.395	13,10
5 + 9[2] + 12 + 15	1,38	2,41	2,76	3,45		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.600)	1.575	14,50	0,90 + 1,50 + 1,60 + 2,00	1,59	2,78	3,18	3,97		11,52 (3,40 - 14,20)	4,14 A			2.780 (420 - 4.230)	1.390	13,10
5 + 9[2] + 12 + 18	1,27	2,22	2,54	3,97		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,80 + 1,40 + 1,60 + 2,30	1,46	2,56	2,93	4,57		11,52 (3,40 - 14,20)	4,24 A			2.720 (490 - 4.130)	1.360	12,80
5 + 9[2] + 12 + 21	1,18	2,06	2,35	4,41		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,70 + 1,30 + 1,50 + 2,40	1,36	2,37	2,71	5,08		11,52 (3,40 - 14,40)	4,24 A			2.720 (490 - 4.200)	1.360	12,80
5 + 9[2] + 12 + 24	1,10	1,92	2,19	4,79		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	0,70 + 1,20 + 1,40 + 2,60	1,26	2,21	2,52	5,53		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.180)	1.355	12,70
5 + 9[2] + 15 + 15	1,28	2,26	3,23	3,23		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	0,80 + 1,50 + 1,80 + 1,80	1,48	2,60	3,72	3,72		11,52 (3,40 - 14,20)	4,16 A			2.770 (420 - 4.210)	1.385	13,00
5 + 9[2] + 15 + 18	1,19	2,09	2,99	3,73		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,70 + 1,40 + 1,70 + 2,20	1,37	2,41	3,44	4,30		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.190)	1.355	12,70
5 + 9[2] + 15 + 21	1,11	1,94	2,78	4,17		10,00 (3,00 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	0,70 + 1,30 + 1,60 + 2,40	1,28	2,24	3,20	4,80		11,52 (3,40 - 14,40)	4,25 A			2.710 (490 - 4.190)	1.355	12,70

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW

Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
4 Rooms																									
5 + 9[2] + 15 + 24	1,03	1,82	2,60	4,55		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,70 + 1,20 + 1,60 + 2,50	1,20	2,09	2,99	5,24		11,52 (3,40 - 14,40)	4,27 A			2.700 (500 - 4.170)	1.350	12,70
5 + 9[2] + 18 + 18	1,11	1,95	3,47	3,47		10,00 (3,00 - 11,00)	3,57 A			2.800 (560 - 3.450)	1.400	12,90	0,70 + 1,30 + 2,00 + 2,00	1,28	2,24	4,00	4,00		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 9[2] + 18 + 21	1,03	1,82	3,25	3,90		10,00 (3,00 - 11,00)	3,57 A			2.800 (560 - 3.450)	1.400	12,90	0,70 + 1,20 + 1,80 + 2,30	1,20	2,09	3,74	4,49		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 9[2] + 18 + 24	0,97	1,71	3,05	4,27		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 1,10 + 1,70 + 2,40	1,12	1,97	3,51	4,92		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 9[2] + 21 + 21	0,97	1,71	3,66	3,66		10,00 (3,00 - 11,20)	3,57 A			2.800 (560 - 3.530)	1.400	12,90	0,70 + 1,10 + 2,10 + 2,10	1,12	1,98	4,21	4,21		11,52 (3,40 - 14,40)	4,30 A			2.680 (580 - 4.110)	1.340	12,60
5 + 9[2] + 21 + 24	0,92	1,61	3,45	4,02		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 1,00 + 2,00 + 2,30	1,06	1,85	3,97	4,64		11,52 (3,40 - 14,40)	4,31 A			2.670 (590 - 4.150)	1.335	12,50
5 + 12 + 12 + 12	1,42	2,86	2,86	2,86		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.520)	1.535	14,20	0,90 + 1,70 + 1,70 + 1,70	1,65	3,29	3,29	3,29		11,52 (3,40 - 14,20)	4,17 A			2.760 (430 - 4.200)	1.380	13,00
5 + 12 + 12 + 15	1,33	2,67	2,67	3,33		10,00 (2,90 - 10,60)	3,26 A			3.070 (460 - 3.520)	1.535	14,20	0,80 + 1,60 + 1,60 + 1,90	1,54	3,07	3,07	3,84		11,52 (3,40 - 14,20)	4,19 A			2.750 (430 - 4.190)	1.375	12,90
5 + 12 + 12 + 18	1,23	2,46	2,46	3,85		10,00 (2,90 - 10,80)	3,41 A			2.930 (510 - 3.450)	1.465	13,50	0,80 + 1,50 + 1,50 + 2,30	1,41	2,84	2,84	4,43		11,52 (3,40 - 14,40)	4,27 A			2.700 (500 - 4.160)	1.350	12,70
5 + 12 + 12 + 21	1,13	2,29	2,29	4,29		10,00 (2,90 - 10,80)	3,41 A			2.930 (510 - 3.450)	1.465	13,50	0,70 + 1,50 + 1,50 + 2,40	1,32	2,63	2,63	4,94		11,52 (3,40 - 14,40)	4,27 A			2.700 (500 - 4.160)	1.350	12,70
5 + 12 + 12 + 24	1,07	2,13	2,13	4,67		10,00 (3,00 - 11,00)	3,50 A			2.860 (540 - 3.530)	1.430	13,20	0,70 + 1,40 + 1,40 + 2,50	1,22	2,46	2,46	5,38		11,52 (3,40 - 14,40)	4,28 A			2.690 (520 - 4.210)	1.345	12,60
5 + 12 + 15 + 15	1,24	2,50	3,13	3,13		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	0,80 + 1,50 + 1,80 + 1,80	1,44	2,88	3,60	3,60		11,52 (3,40 - 14,40)	4,20 A			2.740 (430 - 4.310)	1.370	12,90
5 + 12 + 15 + 18	1,16	2,32	2,90	3,62		10,00 (2,90 - 10,80)	3,50 A			2.860 (510 - 3.450)	1.430	13,20	0,70 + 1,50 + 1,70 + 2,10	1,34	2,67	3,34	4,17		11,52 (3,40 - 14,40)	4,28 A			2.690 (510 - 4.220)	1.345	12,60
5 + 12 + 15 + 21	1,08	2,16	2,70	4,06		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	0,70 + 1,40 + 1,60 + 2,30	1,25	2,49	3,11	4,67		11,52 (3,40 - 14,40)	4,28 A			2.690 (510 - 4.220)	1.345	12,60
5 + 12 + 15 + 24	1,01	2,03	2,53	4,43		10,00 (3,00 - 11,20)	3,50 A			2.860 (540 - 3.690)	1.430	13,20	0,70 + 1,30 + 1,60 + 2,50	1,17	2,33	2,92	5,10		11,52 (3,40 - 14,40)	4,30 A			2.680 (520 - 4.200)	1.340	12,60
5 + 12 + 18 + 18	1,08	2,16	3,38	3,38		10,00 (3,00 - 11,00)	3,57 A			2.800 (590 - 3.380)	1.400	12,90	0,70 + 1,40 + 1,90 + 1,90	1,25	2,49	3,89	3,89		11,52 (3,40 - 14,40)	4,25 A			2.710 (600 - 4.140)	1.355	12,70
5 + 12 + 18 + 21	1,01	2,03	3,16	3,80		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 1,30 + 1,80 + 2,20	1,17	2,33	3,65	4,37		11,52 (3,40 - 14,40)	4,25 A			2.710 (600 - 4.140)	1.355	12,70
5 + 12 + 18 + 24	0,95	1,90	2,98	4,17		10,00 (3,00 - 11,20)	3,57 A			2.800 (600 - 3.540)	1.400	12,90	0,70 + 1,20 + 1,70 + 2,40	1,10	2,19	3,43	4,80		11,52 (3,40 - 14,40)	4,27 A			2.700 (620 - 4.120)	1.350	12,70
5 + 12 + 21 + 21	0,95	1,91	3,57	3,57		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 1,20 + 2,10 + 2,10	1,10	2,20	4,11	4,11		11,52 (3,40 - 14,40)	4,25 A			2.710 (600 - 4.140)	1.355	12,70
5 + 15 + 15 + 15	1,18	2,94	2,94	2,94		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	0,70 + 1,70 + 1,70 + 1,70	1,35	3,39	3,39	3,39		11,52 (3,40 - 14,40)	4,22 A			2.730 (450 - 4.290)	1.365	12,80
5 + 15 + 15 + 18	1,10	2,74	2,74	3,42		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,70 + 1,60 + 1,60 + 2,00	1,25	3,16	3,16	3,95		11,52 (3,40 - 14,40)	4,30 A			2.680 (520 - 4.200)	1.340	12,60
5 + 15 + 15 + 21	1,03	2,56	2,56	3,85		10,00 (3,00 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,70 + 1,60 + 1,60 + 2,30	1,18	2,95	2,95	4,44		11,52 (3,40 - 14,40)	4,30 A			2.680 (520 - 4.200)	1.340	12,60
5 + 15 + 15 + 24	0,96	2,41	2,41	4,22		10,00 (3,00 - 11,20)	3,50 A			2.860 (540 - 3.690)	1.430	13,20	0,70 + 1,50 + 1,50 + 2,40	1,10	2,78	2,78	4,86		11,52 (3,40 - 14,40)	4,31 A			2.670 (530 - 4.180)	1.335	12,50
5 + 15 + 18 + 18	1,02	2,56	3,21	3,21		10,00 (3,00 - 11,00)	3,57 A			2.800 (590 - 3.380)	1.400	12,90	0,70 + 1,60 + 1,80 + 1,80	1,18	2,96	3,69	3,69		11,52 (3,40 - 14,40)	4,27 A			2.700 (620 - 4.130)	1.350	12,70
5 + 15 + 18 + 21	0,96	2,41	3,01	3,62		10,00 (3,00 - 11,20)	3,57 A			2.800 (590 - 3.540)	1.400	12,90	0,70 + 1,50 + 1,70 + 2,10	1,11	2,78	3,47	4,16		11,52 (3,40 - 14,40)	4,27 A			2.700 (620 - 4.130)	1.350	12,70
5 + 18 + 18 + 18	0,97	3,01	3,01	3,01		10,00 (3,00 - 11,20)	3,64 A			2.750 (650 - 3.480)	1.375	12,70	0,70 + 1,70 + 1,70 + 1,70	1,11	3,47	3,47	3,47		11,52 (3,40 - 14,40)	4,20 A			2.740 (720 - 4.130)	1.370	12,90
7 + 7 + 7 + 7	2,00	2,00	2,00	2,00		8,00 (2,90 - 10,60)	3,67 A			2.180 (420 - 3.770)	1.090	10,10	1,30 + 1,30 + 1,30 + 1,30	2,88	2,88	2,88	2,88		11,52 (3,40 - 14,20)	4,07 A			2.830 (390 - 4.380)	1.415	13,30
7 + 7 + 7 + 9[1]	2,00	2,00	2,00	2,50		8,50 (2,90 - 10,60)	3,57 A			2.380 (420 - 3.770)	1.190	11,00	1,30 + 1,30 + 1,30 + 1,50	2,80	2,80	2,80	3,50		11,90 (3,40 - 14,20)	3,98 A			2.990 (390 - 4.380)	1.495	14,10
7 + 7 + 7 + 9[2]	2,00	2,00	2,00	2,80		8,80 (2,90 - 10,60)	3,44 A			2.560 (420 - 3.770)	1.280	11,80	1,30 + 1,30 + 1,30 + 1,60	2,73	2,73	2,73	3,81		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
7 + 7 + 7 + 12	2,00	2,00	2,00	3,20		9,20 (2,90 - 10,60)	3,45 A			2.670 (420 - 3.680)	1.335	12,30	1,30 + 1,30 + 1,30 + 1,80	2,61	2,61	2,61	4,17		12,00 (3,40 - 14,20)	4,05 A			2.960 (400 - 4.340)	1.480	13,90
7 + 7 + 7 + 15	2,00	2,00	2,00	4,00		10,00 (2,90 - 10,60)	3,17 B	5,60 A+[3]	10,00	3.150 (430 - 3.680)	625	14,50	1,30 + 1,30 + 1,30 + 2,30	2,40	2,40	2,40	4,80		12,00 (3,40 - 14,20)	4,07 A	3,80 A[3]	10,00	2.950 (420 - 4.320)	3.684	13,90
7 + 7 + 7 + 18	1,82	1,82	1,82	4,54		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	1,20 + 1,20 + 1,20 + 2,50	2,18	2,18	2,18	5,46		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 7 + 7 + 21	1,67	1,67	1,67	4,99		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	1,10 + 1,10 + 1,10 + 2,70	2,00	2,00	2,00	6,00		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 7 + 7 + 24	1,54	1,54	1,54	5,38		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	1,00 + 1,00 + 1,00 + 2,90	1,85	1,85	1,85	6,45		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
7 + 7 + 9[1] + 9[1]	2,00	2,00	2,50	2,50		9,00 (2,90 - 10,60)	3,42 A			2.630 (420 - 3.770)	1.315	12,10	1,30 + 1,30 + 1,50 + 1,50	2,67	2,67	3,33	3,33		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
7 + 7 + 9[1] + 9[2]	2,00	2,00	2,50	2,80		9,30 (2,90 - 10,60)	3,31 A			2.810 (420 - 3.770)	1.405	13,00	1,30 + 1,30 + 1,50 + 1,60	2,58	2,58	3,23	3,61		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
7 + 7 + 9[1] + 12	2,00	2,00	2,50	3,20		9,70 (2,90 - 10,60)	3,32 A	5,60 A+[3]	10,00	2.920 (420 - 3.680)	625	13,50	1,30 + 1,30 + 1,50 + 1,80	2,47	2,47	3,09	3,97		12,00 (3,40 - 14,20)	4,05 A	3,80 A[3]	10,00	2.960 (400 - 4.340)	3.684	13,90
7 + 7 + 9[1] + 15	1,90	1,90	2,38	3,82		10,00 (2,90 - 10,60)	3,17 B	5,60 A+[3]	10,00	3.150 (430 - 3.680)	625	14,50	1,20 + 1,20 + 1,50 + 2,20	2,29	2,29	2,85	4,57		12,00 (3,40 - 14,20)	4,07 A	3,80 A[3]	10,00	2.950 (420 - 4.320)	3.684	13,90
7 + 7 + 9[1] + 18	1,74	1,74	2,17	4,35		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	1,10 + 1,10 + 1,40 + 2,40	2,09	2,09	2,60	5,22		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 7 + 9[1] + 21	1,60	1,60	2,00	4,80		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,00 + 1,00 + 1,30 + 2,60	1,92	1,92	2,40	5,76		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 7 + 9[1] + 24	1,48	1,48	1,85	5,19		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,90 + 0,90 + 1,20 + 2,90	1,78	1,78	2,22	6,22		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
7 + 7 + 9[2] + 9[2]	2,00	2,00	2,80	2,80		9,60 (2,90 - 10,60)	3,29 A			2.920 (420 - 3.770)	1.460	13,50	1,30 + 1,30 + 1,60 + 1,60	2,50	2,50	3,50	3,50		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
7 + 7 + 9[2] + 12	2,00	2,00	2,80	3,20		10,00 (2,90 - 10,60)	3,17 B	5,60 A+[3]	10,00	3.150 (420 - 3.680)	625	14,50	1,30 + 1,30 + 1,60 + 1,80	2,40	2,40	3,36	3,84		12,00 (3,40 - 14,20)	4,05 A	3,80 A[3]	10,00	2.960 (400 - 4.340)	3.684	13,90
7 + 7 + 9[2] + 15	1,85	1,85	2,59	3,71		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.680)	1.575	14,50	1,20 + 1,20 + 1,60 + 2,20	2,22	2,22	3,11	4,45		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
7 + 7 + 9[2] + 18	1,69	1,69	2,37	4,25		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	1,10 + 1,10 + 1,50 + 2,40	2,03	2,03	2,85	5,09		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 7 + 9[2] + 21	1,56	1,56	2,19	4,69		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,00 + 1,00 + 1,40 + 2,50	1,88	1,88	2,61	5,63		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
7 + 7 + 9[2] + 24	1,45	1,45	2,03	5,07		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,90 + 0,90 + 1,30 + 2,80	1,74	1,74	2,43	6,09		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
7 + 7 + 12 + 12	1,92	1,92	3,08	3,08		10,00 (2,90 - 10,60)	3,26 A	5,60 A+[3]	10,00	3.070 (430 - 3.600)	625	14,20	1,20 + 1,20 + 1,70 + 1,70	2,31	2,31	3,69	3,69		12,00 (3,40 - 14,20)	4,10 A	3,80 A[3]	10,00	2.930 (420 - 4.230)	3.684	13,80
7 + 7 + 12 + 15	1,79	1,79	2,85	3,57		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,20 + 1,20 + 1,70 + 2,10	2,14	2,14	3,43	4,29		12,00 (3,40 - 14,20)	4,11 A			2.920 (420 - 4.210)	1.460	13,70
7 + 7 + 12 + 18	1,64	1,64	2,62	4,10		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,00 + 1,00 + 1,60 + 2,30	1,97	1,97	3,14	4,92		12,00 (3,40 - 14,20)	4,20 A			2.860 (490 - 4.120)	1.430	13,40
7 + 7 + 12 + 21	1,52	1,52	2,41	4,55		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,00 + 1,00 + 1,50 + 2,50	1,82	1,82	2,91	5,45		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
7 + 7 + 12 + 24	1,41	1,41	2,25	4,93		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,90 + 0,90 + 1,50 + 2,70	1,69	1,69	2,70	5,92		12,00 (3,40 - 14,40)	4,21 A			2.850 (500 - 4.170)	1.425	13,40
7 + 7 + 15 + 15	1,67	1,67	3,33	3,33		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,10 + 1,10 + 1,90 + 1,90	2,00	2,00	4,00	4,00		12,00 (3,40 - 14,20)	4,12 A			2.910 (430 - 4.200)	1.455	13,70
7 + 7 + 15 + 18	1,54	1,54	3,07	3,85		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	1,00 + 1,00 + 1,70 + 2,30	1,85	1,85	3,68	4,62		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
7 + 7 + 15 + 21	1,43	1,43	2,85	4,29		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,90 + 0,90 + 1,70 + 2,40	1,71	1,71	3,43	5,15		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
7 + 7 + 15 + 24	1,33	1,33	2,67	4,67		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,80 + 0,80 + 1,60 + 2,50	1,60	1,60	3,20	5,60		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
7 + 7 + 18 + 18	1,43	1,43	3,57	3,57		10,00 (2,90 - 10,80)	3,57 A			2.800 (560 - 3.300)	1.400	12,90	0,90 + 0,90 + 2,10 + 2,10	1,71	1,71	4,29	4,29		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 7 + 18 + 21	1,33	1,33	3,33	4,01		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	0,80 + 0,80 + 1,90 + 2,30	1,60	1,60	4,00	4,80		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 7 + 18 + 24	1,25	1,25	3,12	4,38		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,80 + 0,80 + 1,80 + 2,40	1,50	1,50	3,75	5,25		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 7 + 21 + 21	1,25	1,25	3,75	3,75		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,80 + 0,80 + 2,20 + 2,20	1,50	1,50	4,50	4,50		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 7 + 21 + 24	1,18	1,18	3,52	4,12		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 0,70 + 2,00 + 2,30	1,41	1,41	4,24	4,94		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 9[1] + 9[1] + 9[1]	2,00	2,50	2,50	2,50		9,50 (2,90 - 10,60)	3,29 A			2.890 (420 - 3.770)	1.445	13,30	1,30 + 1,50 + 1,50 + 1,50	2,52	3,16	3,16	3,16		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
7 + 9[1] + 9[1] + 9[2]	2,00	2,50	2,50	2,80		9,80 (2,90 - 10,60)	3,19 B			3.070 (420 - 3.770)	1.535	14,20	1,30 + 1,50 + 1,50 + 1,60	2,45	3,06	3,06	3,43		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
7 + 9[1] + 9[1] + 12	1,96	2,45	2,45	3,14		10,00 (2,90 - 10,60)	3,17 B	5,60 A+[3]	10,00	3.150 (420 - 3.680)	625	14,50	1,30 + 1,50 + 1,50 + 1,80	2,35	2,94	2,94	3,77		12,00 (3,40 - 14,20)	4,05 A	3,80 A[3]	10,00	2.960 (400 - 4.340)	3.684	13,90
7 + 9[1] + 9[1] + 15	1,82	2,27	2,27	3,64		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.680)	1.575	14,50	1,20 + 1,50 + 1,50 + 2,10	2,18	2,73	2,73	4,36		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
7 + 9[1] + 9[1] + 18	1,67	2,08	2,08	4,17		10,00 (2,90 - 10,60)	3,41 A			2.930 (470 - 3.360)	1.465	13,50	1,10 + 1,30 + 1,30 + 2,40	2,00	2,50	2,50	5,00		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 9[1] + 9[1] + 21	1,54	1,92	1,92	4,62		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,00 + 1,20 + 1,20 + 2,50	1,84	2,31	2,31	5,54		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
7 + 9[1] + 9[1] + 24	1,42	1,79	1,79	5,00		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,90 + 1,20 + 1,20 + 2,70	1,71	2,14	2,14	6,01		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
7 + 9[1] + 9[2] + 9[2]	1,98	2,48	2,77	2,77		10,00 (2,90 - 10,60)	3,11 B	5,60 A+[3]	10,00	3.220 (420 - 3.770)	625	14,80	1,30 + 1,50 + 1,60 + 1,60	2,37	2,97	3,33	3,33		12,00 (3,40 - 14,20)	4,01 A	3,80 A[3]	10,00	2.990 (390 - 4.380)	3.684	14,10
7 + 9[1] + 9[2] + 12	1,90	2,38	2,67	3,05		10,00 (2,90 - 10,60)	3,17 B	5,60 A+[3]	10,00	3.150 (420 - 3.680)	625	14,50	1,20 + 1,50 + 1,60 + 1,70	2,28	2,86	3,20	3,66		12,00 (3,40 - 14,20)	4,05 A	3,80 A[3]	10,00	2.960 (400 - 4.340)	3.684	13,90
7 + 9[1] + 9[2] + 15	1,77	2,21	2,48	3,54		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.680)	1.575	14,50	1,10 + 1,40 + 1,50 + 2,00	2,12	2,65	2,97	4,26		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
7 + 9[1] + 9[2] + 18	1,62	2,03	2,28	4,07		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,00 + 1,30 + 1,50 + 2,30	1,95	2,44	2,73	4,88		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 9[1] + 9[2] + 21	1,50	1,88	2,11	4,51		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,00 + 1,20 + 1,40 + 2,50	1,80	2,26	2,53	5,41		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
7 + 9[1] + 9[2] + 24	1,39	1,75	1,96	4,90		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	0,90 + 1,10 + 1,30 + 2,70	1,68	2,10	2,35	5,87		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
7 + 9[1] + 12 + 12	1,83	2,29	2,94	2,94		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,20 + 1,50 + 1,70 + 1,70	2,20	2,76	3,52	3,52		12,00 (3,40 - 14,20)	4,10 A			2.930 (420 - 4.230)	1.465	13,80
7 + 9[1] + 12 + 15	1,70	2,14	2,74	3,42		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,10 + 1,40 + 1,60 + 2,00	2,05	2,56	3,28	4,11		12,00 (3,40 - 14,20)	4,11 A			2.920 (420 - 4.210)	1.460	13,70
7 + 9[1] + 12 + 18	1,57	1,97	2,52	3,94		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,00 + 1,30 + 1,50 + 2,30	1,89	2,36	3,02	4,73		12,00 (3,40 - 14,20)	4,20 A			2.860 (490 - 4.120)	1.430	13,40
7 + 9[1] + 12 + 21	1,46	1,82	2,34	4,38		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,90 + 1,20 + 1,50 + 2,40	1,75	2,19	2,80	5,26		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
7 + 9[1] + 12 + 24	1,36	1,70	2,18	4,76		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,90 + 1,10 + 1,40 + 2,60	1,63	2,04	2,61	5,72		12,00 (3,40 - 14,40)	4,21 A			2.850 (500 - 4.170)	1.425	13,40
7 + 9[1] + 15 + 15	1,60	2,00	3,20	3,20		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,00 + 1,30 + 1,80 + 1,80	1,92	2,40	3,84	3,84		12,00 (3,40 - 14,20)	4,12 A			2.910 (430 - 4.200)	1.455	13,70
7 + 9[1] + 15 + 18	1,48	1,85	2,96	3,71		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,90 + 1,20 + 1,70 + 2,20	1,78	2,22	3,56	4,44		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
7 + 9[1] + 15 + 21	1,38	1,72	2,76	4,14		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	0,90 + 1,10 + 1,60 + 2,40	1,65	2,07	3,31	4,97		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
7 + 9[1] + 15 + 24	1,29	1,61	2,58	4,52		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,80 + 1,00 + 1,60 + 2,50	1,54	1,94	3,10	5,42		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
7 + 9[1] + 18 + 18	1,38	1,72	3,45	3,45		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	0,90 + 1,10 + 2,00 + 2,00	1,65	2,07	4,14	4,14		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9[1] + 18 + 21	1,29	1,61	3,23	3,87		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	0,80 + 1,00 + 1,80 + 2,30	1,54	1,94	3,87	4,65		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9[1] + 18 + 24	1,21	1,52	3,03	4,24		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,80 + 1,00 + 1,70 + 2,40	1,45	1,82	3,64	5,09		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 9[1] + 21 + 21	1,20	1,52	3,64	3,64		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 1,00 + 2,10 + 2,10	1,45	1,83	4,36	4,36		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9[1] + 21 + 24	1,14	1,43	3,43	4,00		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 0,90 + 2,00 + 2,30	1,37	1,71	4,11	4,81		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 9[2] + 9[2] + 9[2]	1,93	2,69	2,69	2,69		10,00 (2,90 - 10,60)	3,11 B	5,60 A+[3]	10,00	3.220 (420 - 3.770)	625	14,80	1,20 + 1,60 + 1,60 + 1,60	2,31	3,23	3,23	3,23		12,00 (3,40 - 14,20)	4,01 A	3,80 A[3]	10,00	2.990 (390 - 4.380)	3.684	14,10
7 + 9[2] + 9[2] + 12	1,85	2,59	2,59	2,97		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,20 + 1,60 + 1,60 + 1,70	2,22	3,11	3,11	3,56		12,00 (3,40 - 14,20)	4,05 A			2.960 (400 - 4.340)	1.480	13,90
7 + 9[2] + 9[2] + 15	1,72	2,41	2,41	3,46		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.680)	1.575	14,50	1,10 + 1,50 + 1,50 + 2,00	2,06	2,90	2,90	4,14		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
7 + 9[2] + 9[2] + 18	1,59	2,22	2,22	3,97		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,00 + 1,40 + 1,40 + 2,30	1,90	2,67	2,67	4,76		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
7 + 9[2] + 9[2] + 21	1,47	2,06	2,06	4,41		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	0,90 + 1,30 + 1,30 + 2,40	1,76	2,47	2,47	5,30		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
7 + 9[2] + 9[2] + 24	1,37	1,92	1,92	4,79		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	0,90 + 1,20 + 1,20 + 2,60	1,64	2,30	2,30	5,76		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
7 + 9[2] + 12 + 12	1,78	2,50	2,86	2,86		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,10 + 1,50 + 1,70 + 1,70	2,14	3,00	3,43	3,43		12,00 (3,40 - 14,20)	4,10 A			2.930 (420 - 4.230)	1.465	13,80
7 + 9[2] + 12 + 15	1,67	2,33	2,67	3,33		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,10 + 1,50 + 1,60 + 1,90	2,00	2,80	3,20	4,00		12,00 (3,40 - 14,20)	4,11 A			2.920 (420 - 4.210)	1.460	13,70
7 + 9[2] + 12 + 18	1,54	2,15	2,46	3,85		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,00 + 1,40 + 1,50 + 2,30	1,85	2,58	2,95	4,62		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
7 + 9[2] + 12 + 21	1,42	2,00	2,29	4,29		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	0,90 + 1,30 + 1,50 + 2,40	1,71	2,40	2,74	5,15		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
7 + 9[2] + 12 + 24	1,33	1,87	2,13	4,67		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,80 + 1,20 + 1,40 + 2,50	1,60	2,24	2,56	5,60		12,00 (3,40 - 14,40)	4,21 A			2.850 (500 - 4.170)	1.425	13,40
7 + 9[2] + 15 + 15	1,55	2,19	3,13	3,13		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,00 + 1,40 + 1,80 + 1,80	1,87	2,63	3,75	3,75		12,00 (3,40 - 14,40)	4,12 A			2.910 (430 - 4.330)	1.455	13,70
7 + 9[2] + 15 + 18	1,45	2,03	2,90	3,62		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	0,90 + 1,30 + 1,70 + 2,10	1,74	2,43	3,48	4,35		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
7 + 9[2] + 15 + 21	1,35	1,89	2,70	4,06		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	0,90 + 1,20 + 1,60 + 2,30	1,62	2,27	3,24	4,87		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
7 + 9[2] + 15 + 24	1,27	1,77	2,53	4,43		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	0,80 + 1,10 + 1,60 + 2,50	1,51	2,13	3,04	5,32		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
7 + 9[2] + 18 + 18	1,35	1,89	3,38	3,38		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	0,90 + 1,20 + 1,90 + 1,90	1,62	2,28	4,05	4,05		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9[2] + 18 + 21	1,27	1,77	3,16	3,80		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,80 + 1,10 + 1,80 + 2,20	1,51	2,13	3,80	4,56		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9[2] + 18 + 24	1,18	1,67	2,98	4,17		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 1,10 + 1,70 + 2,40	1,43	2,00	3,57	5,00		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 9[2] + 21 + 21	1,19	1,67	3,57	3,57		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 1,10 + 2,10 + 2,10	1,42	2,00	4,29	4,29		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 12 + 12 + 12	1,72	2,76	2,76	2,76		10,00 (2,90 - 10,60)	3,26 A			3.070 (460 - 3.520)	1.535	14,20	1,10 + 1,60 + 1,60 + 1,60	2,07	3,31	3,31	3,31		12,00 (3,40 - 14,20)	4,14 A			2.900 (430 - 4.190)	1.450	13,60
7 + 12 + 12 + 15	1,61	2,58	2,58	3,23		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,00 + 1,60 + 1,60 + 1,80	1,93	3,10	3,10	3,87		12,00 (3,40 - 14,20)	4,07 A			2.950 (430 - 4.170)	1.475	13,90
7 + 12 + 12 + 18	1,49	2,39	2,39	3,73		10,00 (2,90 - 10,80)	3,50 A			2.860 (510 - 3.450)	1.430	13,20	0,90 + 1,50 + 1,50 + 2,20	1,78	2,87	2,87	4,48		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
7 + 12 + 12 + 21	1,39	2,22	2,22	4,17		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	0,90 + 1,40 + 1,40 + 2,40	1,66	2,67	2,67	5,00		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
7 + 12 + 12 + 24	1,29	2,08	2,08	4,55		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,80 + 1,30 + 1,30 + 2,50	1,56	2,49	2,49	5,46		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
7 + 12 + 15 + 15	1,52	2,42	3,03	3,03		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,00 + 1,50 + 1,70 + 1,70	1,81	2,91	3,64	3,64		12,00 (3,40 - 14,40)	4,08 A			2.940 (450 - 4.290)	1.470	13,80
7 + 12 + 15 + 18	1,41	2,25	2,82	3,52		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,90 + 1,50 + 1,70 + 2,00	1,69	2,70	3,38	4,23		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
7 + 12 + 15 + 21	1,31	2,11	2,63	3,95		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,80 + 1,40 + 1,60 + 2,30	1,57	2,53	3,16	4,74		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
7 + 12 + 15 + 24	1,23	1,98	2,47	4,32		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	0,80 + 1,30 + 1,50 + 2,40	1,48	2,37	2,96	5,19		12,00 (3,40 - 14,40)	4,18 A			2.870 (530 - 4.180)	1.435	13,50
7 + 12 + 18 + 18	1,31	2,11	3,29	3,29		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.380)	1.400	12,90	0,80 + 1,40 + 1,90 + 1,90	1,57	2,53	3,95	3,95		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
7 + 12 + 18 + 21	1,23	1,98	3,09	3,70		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,80 + 1,30 + 1,70 + 2,20	1,48	2,37	3,70	4,45		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
7 + 12 + 18 + 24	1,16	1,86	2,91	4,07		10,00 (2,90 - 11,20)	3,56 A			2.810 (600 - 3.540)	1.405	13,00	0,70 + 1,20 + 1,70 + 2,30	1,40	2,23	3,49	4,88		12,00 (3,40 - 14,40)	4,23 A			2.840 (620 - 4.110)	1.420	13,30
7 + 12 + 21 + 21	1,16	1,86	3,49	3,49		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 1,20 + 2,00 + 2,00	1,39	2,23	4,19	4,19		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
7 + 15 + 15 + 15	1,42	2,86	2,86	2,86		10,00 (2,90 - 10,80)	3,33 A			3.000 (460 - 3.680)	1.500	13,80	0,90 + 1,70 + 1,70 + 1,70	1,71	3,43	3,43	3,43		12,00 (3,40 - 14,40)	4,10 A			2.930 (450 - 4.280)	1.465	13,80

Free Multi combinations table

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW																									
Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
4 Rooms																									
7 + 15 + 15 + 18	1,33	2,67	2,67	3,33		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	0,80 + 1,60 + 1,60 + 1,90	1,60	3,20	3,20	4,00		12,00 (3,40 - 14,40)	4,18 A			2.870 (520 - 4.190)	1.435	13,50
7 + 15 + 15 + 21	1,25	2,50	2,50	3,75		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	0,80 + 1,50 + 1,50 + 2,20	1,50	3,00	3,00	4,50		12,00 (3,40 - 14,40)	4,18 A			2.870 (520 - 4.190)	1.435	13,50
7 + 15 + 15 + 24	1,18	2,35	2,35	4,12		10,00 (2,90 - 11,20)	3,50 A			2.860 (520 - 3.610)	1.430	13,20	0,70 + 1,50 + 1,50 + 2,30	1,41	2,82	2,82	4,95		12,00 (3,40 - 14,40)	4,20 A			2.860 (530 - 4.170)	1.430	13,40
7 + 15 + 18 + 18	1,24	2,50	3,13	3,13		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,80 + 1,50 + 1,80 + 1,80	1,50	3,00	3,75	3,75		12,00 (3,40 - 14,40)	4,23 A			2.840 (620 - 4.110)	1.420	13,30
7 + 15 + 18 + 21	1,18	2,35	2,94	3,53		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,70 + 1,50 + 1,70 + 2,00	1,41	2,82	3,53	4,24		12,00 (3,40 - 14,40)	4,23 A			2.840 (620 - 4.110)	1.420	13,30
7 + 18 + 18 + 18	1,18	2,94	2,94	2,94		10,00 (2,90 - 11,20)	3,64 A			2.750 (660 - 3.480)	1.375	12,70	0,70 + 1,70 + 1,70 + 1,70	1,41	3,53	3,53	3,53		12,00 (3,40 - 14,40)	4,11 A			2.920 (730 - 4.120)	1.460	13,70
9[1] + 9[1] + 9[1] + 9[1]	2,50	2,50	2,50	2,50		10,00 (2,90 - 10,60)	3,11 B	5,60 A+[3]	10,00	3.220 (420 - 3.770)	625	14,80	1,50 + 1,50 + 1,50 + 1,50	3,00	3,00	3,00	3,00		12,00 (3,40 - 14,20)	4,01 A	3,80 A[3]	10,00	2.990 (390 - 4.380)	3.684	14,10
9[1] + 9[1] + 9[1] + 9[2]	2,43	2,43	2,43	2,71		10,00 (2,90 - 10,60)	3,11 B	5,60 A+[3]	10,00	3.220 (420 - 3.770)	625	14,80	1,50 + 1,50 + 1,50 + 1,60	2,91	2,91	2,91	3,27		12,00 (3,40 - 14,20)	4,01 A	3,80 A[3]	10,00	2.990 (390 - 4.380)	3.684	14,10
9[1] + 9[1] + 9[1] + 12	2,34	2,34	2,34	2,98		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,50 + 1,50 + 1,50 + 1,70	2,80	2,80	2,80	3,60		12,00 (3,40 - 14,20)	4,05 A			2.960 (400 - 4.340)	1.480	13,90
9[1] + 9[1] + 9[1] + 15	2,17	2,17	2,17	3,49		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.680)	1.575	14,50	1,40 + 1,40 + 1,40 + 2,00	2,61	2,61	2,61	4,17		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
9[1] + 9[1] + 9[1] + 18	2,00	2,00	2,00	4,00		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,30 + 1,30 + 1,30 + 2,30	2,40	2,40	2,40	4,80		12,00 (3,40 - 14,20)	4,15 A			2.890 (480 - 4.160)	1.445	13,60
9[1] + 9[1] + 9[1] + 21	1,85	1,85	1,85	4,45		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,20 + 1,20 + 1,20 + 2,50	2,22	2,22	2,22	5,34		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[1] + 9[1] + 9[1] + 24	1,72	1,72	1,72	4,84		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,10 + 1,10 + 2,60	2,07	2,07	2,07	5,79		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
9[1] + 9[1] + 9[2] + 9[2]	2,36	2,36	2,64	2,64		10,00 (2,90 - 10,60)	3,11 B			3.220 (420 - 3.770)	1.610	14,80	1,50 + 1,50 + 1,60 + 1,60	2,83	2,83	3,17	3,17		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
9[1] + 9[1] + 9[2] + 12	2,27	2,27	2,55	2,91		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,50 + 1,50 + 1,60 + 1,70	2,73	2,73	3,05	3,49		12,00 (3,40 - 14,20)	4,05 A			2.960 (400 - 4.340)	1.480	13,90
9[1] + 9[1] + 9[2] + 15	2,12	2,12	2,37	3,39		10,00 (2,90 - 10,60)	3,17 B			3.150 (430 - 3.680)	1.575	14,50	1,40 + 1,40 + 1,50 + 1,90	2,54	2,54	2,85	4,07		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
9[1] + 9[1] + 9[2] + 18	1,95	1,95	2,19	3,91		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,30 + 1,30 + 1,40 + 2,30	2,34	2,34	2,63	4,69		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[1] + 9[1] + 9[2] + 21	1,81	1,81	2,03	4,35		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,20 + 1,20 + 1,30 + 2,40	2,17	2,17	2,43	5,23		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[1] + 9[1] + 9[2] + 24	1,69	1,69	1,89	4,73		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,10 + 1,20 + 2,60	2,03	2,03	2,26	5,68		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
9[1] + 9[1] + 12 + 12	2,19	2,19	2,81	2,81		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,40 + 1,40 + 1,60 + 1,60	2,63	2,63	3,37	3,37		12,00 (3,40 - 14,20)	4,10 A			2.930 (420 - 4.230)	1.465	13,80
9[1] + 9[1] + 12 + 15	2,05	2,05	2,62	3,28		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,30 + 1,30 + 1,60 + 1,90	2,46	2,46	3,15	3,93		12,00 (3,40 - 14,20)	4,11 A			2.920 (420 - 4.210)	1.460	13,70
9[1] + 9[1] + 12 + 18	1,89	1,89	2,42	3,80		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,20 + 1,20 + 1,50 + 2,20	2,27	2,27	2,91	4,55		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
9[1] + 9[1] + 12 + 21	1,76	1,76	2,25	4,23		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,10 + 1,50 + 2,40	2,11	2,11	2,70	5,08		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
9[1] + 9[1] + 12 + 24	1,64	1,64	2,11	4,61		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,00 + 1,00 + 1,40 + 2,50	1,97	1,97	2,53	5,53		12,00 (3,40 - 14,40)	4,21 A			2.850 (500 - 4.170)	1.425	13,40
9[1] + 9[1] + 15 + 15	1,92	1,92	3,08	3,08		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,20 + 1,20 + 1,70 + 1,70	2,31	2,31	3,69	3,69		12,00 (3,40 - 14,40)	4,12 A			2.910 (430 - 4.330)	1.455	13,70
9[1] + 9[1] + 15 + 18	1,79	1,79	2,85	3,57		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.450)	1.465	13,50	1,20 + 1,20 + 1,70 + 2,10	2,14	2,14	3,43	4,29		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
9[1] + 9[1] + 15 + 21	1,67	1,67	2,66	4,00		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,10 + 1,60 + 2,30	2,00	2,00	3,20	4,80		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
9[1] + 9[1] + 15 + 24	1,56	1,56	2,50	4,38		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,00 + 1,00 + 1,50 + 2,40	1,88	1,88	2,99	5,25		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[1] + 9[1] + 18 + 18	1,67	1,67	3,33	3,33		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	1,10 + 1,10 + 1,90 + 1,90	2,00	2,00	4,00	4,00		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[1] + 18 + 21	1,56	1,56	3,13	3,75		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,00 + 1,00 + 1,80 + 2,20	1,88	1,88	3,74	4,50		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[1] + 18 + 24	1,47	1,47	2,94	4,12		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,90 + 0,90 + 1,70 + 2,30	1,76	1,76	3,53	4,95		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
9[1] + 9[1] + 21 + 21	1,47	1,47	3,53	3,53		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,90 + 0,90 + 2,00 + 2,00	1,76	1,76	4,24	4,24		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[2] + 9[2] + 9[2]	2,29	2,57	2,57	2,57		10,00 (2,90 - 10,60)	3,11 B			3.220 (420 - 3.770)	1.610	14,80	1,50 + 1,60 + 1,60 + 1,60	2,76	3,08	3,08	3,08		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
9[1] + 9[2] + 9[2] + 12	2,21	2,48	2,48	2,83		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,40 + 1,50 + 1,50 + 1,70	2,65	2,97	2,97	3,41		12,00 (3,40 - 14,20)	4,05 A			2.960 (400 - 4.340)	1.480	13,90
9[1] + 9[2] + 9[2] + 15	2,07	2,31	2,31	3,31		10,00 (2,90 - 10,80)	3,17 B			3.150 (430 - 3.850)	1.575	14,50	1,30 + 1,50 + 1,50 + 1,90	2,47	2,78	2,78	3,97		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
9[1] + 9[2] + 9[2] + 18	1,90	2,14	2,14	3,82		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,20 + 1,40 + 1,40 + 2,20	2,29	2,56	2,56	4,59		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[1] + 9[2] + 9[2] + 21	1,76	1,99	1,99	4,26		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,10 + 1,30 + 1,30 + 2,40	2,13	2,38	2,38	5,11		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[1] + 9[2] + 9[2] + 24	1,66	1,85	1,85	4,64		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,20 + 1,20 + 2,50	1,98	2,23	2,23	5,56		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
9[1] + 9[2] + 12 + 12	2,13	2,39	2,74	2,74		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,40 + 1,50 + 1,60 + 1,60	2,56	2,88	3,28	3,28		12,00 (3,40 - 14,20)	4,10 A			2.930 (420 - 4.230)	1.465	13,80
9[1] + 9[2] + 12 + 15	2,00	2,24	2,56	3,20		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,30 + 1,50 + 1,60 + 1,80	2,40	2,69	3,07	3,84		12,00 (3,40 - 14,20)	4,11 A			2.920 (420 - 4.210)	1.460	13,70
9[1] + 9[2] + 12 + 18	1,85	2,07	2,37	3,71		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,20 + 1,30 + 1,50 + 2,20	2,22	2,49	2,84	4,45		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
9[1] + 9[2] + 12 + 21	1,72	1,93	2,21	4,14		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,20 + 1,40 + 2,40	2,06	2,32	2,65	4,97		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
9[1] + 9[2] + 12 + 24	1,61	1,81	2,06	4,52		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,00 + 1,20 + 1,30 + 2,50	1,93	2,17	2,48	5,42		12,00 (3,40 - 14,40)	4,21 A			2.850 (500 - 4.170)	1.425	13,40
9[1] + 9[2] + 15 + 15	1,87	2,11	3,01	3,01		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,20 + 1,40 + 1,70 + 1,70	2,25	2,53	3,61	3,61		12,00 (3,40 - 14,40)	4,12 A			2.910 (430 - 4.330)	1.455	13,70
9[1] + 9[2] + 15 + 18	1,74	1,96	2,80	3,50		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,10 + 1,30 + 1,60 + 2,00	2,09	2,35	3,36	4,20		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
9[1] + 9[2] + 15 + 21	1,63	1,83	2,61	3,93		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,00 + 1,20 + 1,60 + 2,30	1,95	2,20	3,14	4,71		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
9[1] + 9[2] + 15 + 24	1,53	1,72	2,45	4,30		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,00 + 1,10 + 1,50 + 2,40	1,84	2,06	2,94	5,16		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[1] + 9[2] + 18 + 18	1,63	1,83	3,27	3,27		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	1,00 + 1,20 + 1,90 + 1,90	1,96	2,20	3,92	3,92		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[2] + 18 + 21	1,53	1,72	3,07	3,68		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,00 + 1,10 + 1,70 + 2,10	1,84	2,06	3,68	4,42		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[2] + 18 + 24	1,44	1,62	2,89	4,05		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,90 + 1,00 + 1,70 + 2,30	1,73	1,94	3,47	4,86		12,00 (3,40 - 14,40)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
9[1] + 9[2] + 21 + 21	1,44	1,62	3,47	3,47		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,90 + 1,00 + 2,00 + 2,00	1,73	1,95	4,16	4,16		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[1] + 12 + 12 + 12	2,08	2,64	2,64	2,64		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,30 + 1,60 + 1,60 + 1,60	2,49	3,17	3,17	3,17		12,00 (3,40 - 14,20)	4,14 A			2.900 (430 - 4.190)	1.450	13,60
9[1] + 12 + 12 + 15	1,94	2,48	2,48	3,10		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,30 + 1,50 + 1,50 + 1,70	2,32	2,98	2,98	3,72		12,00 (3,40 - 14,40)	4,07 A			2.950 (430 - 4.310)	1.475	13,90
9[1] + 12 + 12 + 18	1,80	2,30	2,30	3,60		10,00 (2,90 - 10,80)	3,50 A			2.860 (510 - 3.450)	1.430	13,20	1,20 + 1,50 + 1,50 + 2,10	2,16	2,76	2,76	4,32		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[1] + 12 + 12 + 21	1,67	2,15	2,15	4,03		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	1,10 + 1,40 + 1,40 + 2,30	2,01	2,58	2,58	4,83		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[1] + 12 + 12 + 24	1,57	2,01	2,01	4,41		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,00 + 1,30 + 1,30 + 2,40	1,88	2,42	2,42	5,28		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
9[1] + 12 + 15 + 15	1,82	2,34	2,92	2,92		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,20 + 1,50 + 1,70 + 1,70	2,19	2,81	3,50	3,50		12,00 (3,40 - 14,40)	4,08 A			2.940 (450 - 4.290)	1.470	13,80
9[1] + 12 + 15 + 18	1,70	2,18	2,72	3,40		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,10 + 1,40 + 1,60 + 1,90	2,04	2,61	3,27	4,08		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
9[1] + 12 + 15 + 21	1,59	2,04	2,55	3,82		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,00 + 1,30 + 1,60 + 2,20	1,90	2,45	3,06	4,59		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
9[1] + 12 + 15 + 24	1,49	1,92	2,40	4,19		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	0,90 + 1,20 + 1,50 + 2,40	1,80	2,30	2,87	5,03		12,00 (3,40 - 14,40)	4,18 A			2.870 (530 - 4.180)	1.435	13,50
9[1] + 12 + 18 + 18	1,59	2,05	3,18	3,18		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.380)	1.400	12,90	1,00 + 1,30 + 1,80 + 1,80	1,91	2,45	3,82	3,82		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
9[1] + 12 + 18 + 21	1,50	1,92	2,99	3,59		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,00 + 1,20 + 1,70 + 2,10	1,80	2,30	3,59	4,31		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
9[1] + 15 + 15 + 15	1,72	2,76	2,76	2,76		10,00 (2,90 - 11,00)	3,33 A			3.000 (460 - 3.770)	1.500	13,80	1,10 + 1,60 + 1,60 + 1,60	2,07	3,31	3,31	3,31		12,00 (3,40 - 14,40)	4,10 A			2.930 (450 - 4.280)	1.465	13,80
9[1] + 15 + 15 + 18	1,61	2,58	2,58	3,23		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,00 + 1,60 + 1,60 + 1,80	1,93	3,10	3,10	3,87		12,00 (3,40 - 14,40)	4,18 A			2.870 (520 - 4.190)	1.435	13,50
9[1] + 15 + 15 + 21	1,52	2,42	2,42	3,64		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,00 + 1,50 + 1,50 + 2,10	1,82	2,91	2,91	4,36		12,00 (3,40 - 14,40)	4,18 A			2.870 (520 - 4.190)	1.435	13,50
9[1] + 15 + 15 + 24	1,42	2,29	2,29	4,00		10,00 (2,90 - 11,20)	3,50 A			2.860 (520 - 3.610)	1.430	13,20	0,90 + 1,50 + 1,50 + 2,30	1,71	2,74	2,74	4,81		12,00 (3,40 - 14,40)	4,20 A			2.860 (530 - 4.170)	1.430	13,40
9[1] + 15 + 18 + 18	1,52	2,42	3,03	3,03		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,00 + 1,50 + 1,70 + 1,70	1,81	2,91	3,64	3,64		12,00 (3,40 - 14,40)	4,23 A			2.840 (620 - 4.110)	1.420	13,30
9[1] + 15 + 18 + 21	1,42	2,29	2,86	3,43		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	0,90 + 1,50 + 1,70 + 2,00	1,71	2,74	3,43	4,12		12,00 (3,40 - 14,40)	4,23 A			2.840 (620 - 4.110)	1.420	13,30
9[1] + 18 + 18 + 18	1,42	2,86	2,86	2,86		10,00 (2,90 - 11,20)	3,64 A			2.750 (660 - 3.480)	1.375	12,70	0,90 + 1,70 + 1,70 + 1,70	1,71	3,43	3,43	3,43		12,00 (3,40 - 14,40)	4,11 A			2.920 (730 - 4.120)	1.460	13,70
9[2] + 9[2] + 9[2] + 9[2]	2,50	2,50	2,50	2,50		10,00 (2,90 - 10,60)	3,11 B			3.220 (420 - 3.770)	1.610	14,80	1,50 + 1,50 + 1,50 + 1,50	3,00	3,00	3,00	3,00		12,00 (3,40 - 14,20)	4,01 A			2.990 (390 - 4.380)	1.495	14,10
9[2] + 9[2] + 9[2] + 12	2,41	2,41	2,41	2,77		10,00 (2,90 - 10,60)	3,17 B			3.150 (420 - 3.680)	1.575	14,50	1,50 + 1,50 + 1,50 + 1,60	2,90	2,90	2,90	3,30		12,00 (3,40 - 14,20)	4,05 A			2.960 (400 - 4.340)	1.480	13,90
9[2] + 9[2] + 9[2] + 15	2,26	2,26	2,26	3,22		10,00 (2,90 - 10,80)	3,17 B			3.150 (430 - 3.850)	1.575	14,50	1,50 + 1,50 + 1,50 + 1,80	2,71	2,71	2,71	3,87		12,00 (3,40 - 14,20)	4,07 A			2.950 (420 - 4.320)	1.475	13,90
9[2] + 9[2] + 9[2] + 18	2,09	2,09	2,09	3,73		10,00 (2,90 - 10,80)	3,41 A			2.930 (470 - 3.520)	1.465	13,50	1,40 + 1,40 + 1,40 + 2,20	2,51	2,51	2,51	4,47		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[2] + 9[2] + 9[2] + 21	1,94	1,94	1,94	4,18		10,00 (2,90 - 11,00)	3,41 A			2.930 (470 - 3.690)	1.465	13,50	1,30 + 1,30 + 1,30 + 2,40	2,33	2,33	2,33	5,01		12,00 (3,40 - 14,40)	4,15 A			2.890 (480 - 4.220)	1.445	13,60
9[2] + 9[2] + 9[2] + 24	1,82	1,82	1,82	4,54		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,20 + 1,20 + 1,20 + 2,50	2,18	2,18	2,18	5,46		12,00 (3,40 - 14,40)	4,17 A			2.880 (480 - 4.200)	1.440	13,50
9[2] + 9[2] + 12 + 12	2,33	2,33	2,67	2,67		10,00 (2,90 - 10,60)	3,26 A			3.070 (430 - 3.600)	1.535	14,20	1,50 + 1,50 + 1,60 + 1,60	2,80	2,80	3,20	3,20		12,00 (3,40 - 14,20)	4,10 A			2.930 (420 - 4.230)	1.465	13,80
9[2] + 9[2] + 12 + 15	2,19	2,19	2,49	3,13		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,40 + 1,40 + 1,50 + 1,80	2,63	2,63	2,99	3,75		12,00 (3,40 - 14,40)	4,11 A			2.920 (420 - 4.350)	1.460	13,70
9[2] + 9[2] + 12 + 18	2,03	2,03	2,32	3,62		10,00 (2,90 - 10,80)	3,41 A			2.930 (500 - 3.440)	1.465	13,50	1,30 + 1,30 + 1,50 + 2,10	2,43	2,43	2,78	4,36		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
9[2] + 9[2] + 12 + 21	1,89	1,89	2,16	4,06		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,20 + 1,20 + 1,40 + 2,30	2,27	2,27	2,59	4,87		12,00 (3,40 - 14,40)	4,20 A			2.860 (490 - 4.190)	1.430	13,40
9[2] + 9[2] + 12 + 24	1,77	1,77	2,03	4,43		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,10 + 1,30 + 2,50	2,13	2,13	2,42	5,32		12,00 (3,40 - 14,40)	4,21 A			2.850 (500 - 4.170)	1.425	13,40
9[2] + 9[2] + 15 + 15	2,06	2,06	2,94	2,94		10,00 (2,90 - 10,80)	3,26 A			3.070 (430 - 3.770)	1.535	14,20	1,30 + 1,30 + 1,70 + 1,70	2,47	2,47	3,53	3,53		12,00 (3,40 - 14,40)	4,12 A			2.910 (430 - 4.330)	1.455	13,70
9[2] + 9[2] + 15 + 18	1,92	1,92	2,74	3,42		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,20 + 1,20 + 1,60 + 2,00	2,30	2,30	3,29	4,11		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
9[2] + 9[2] + 15 + 21	1,79	1,79	2,56	3,86		10,00 (2,90 - 11,00)	3,41 A			2.930 (500 - 3.610)	1.465	13,50	1,20 + 1,20 + 1,60 + 2,30	2,15	2,15	3,08	4,62		12,00 (3,40 - 14,40)	4,21 A			2.850 (490 - 4.170)	1.425	13,40
9[2] + 9[2] + 15 + 24	1,69	1,69	2,40	4,22		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,10 + 1,50 + 2,40	2,02	2,02	2,89	5,07		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[2] + 9[2] + 18 + 18	1,79	1,79	3,21	3,21		10,00 (2,90 - 11,00)	3,57 A			2.800 (560 - 3.460)	1.400	12,90	1,20 + 1,20 + 1,80 + 1,80	2,15	2,15	3,85	3,85		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[2] + 9[2] + 18 + 21	1,69	1,69	3,01	3,61		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,10 + 1,10 + 1,70 + 2,10	2,02	2,02	3,61	4,35		12,00 (3,40 - 14,40)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
9[2] + 12 + 12 + 12	2,26	2,58	2,58	2,58		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,50 + 1,60 + 1,60 + 1,60	2,70	3,10	3,10	3,10		12,00 (3,40 - 14,20)	4,14 A			2.900 (430 - 4.190)	1.450	13,60
9[2] + 12 + 12 + 15	2,12	2,42	2,42	3,04		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,40 + 1,50 + 1,50 + 1,70	2,54	2,91	2,91	3,64		12,00 (3,40 - 14,40)	4,07 A			2.950 (430 - 4.310)	1.475	13,90
9[2] + 12 + 12 + 18	1,97	2,25	2,25	3,53		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	1,30 + 1,50 + 1,50 + 2,00	2,37	2,70	2,70	4,23		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[2] + 12 + 12 + 21	1,83	2,11	2,11	3,95		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.610)	1.430	13,20	1,20 + 1,40 + 1,40 + 2,30	2,20	2,53	2,53	4,74		12,00 (3,40 - 14,40)	4,23 A			2.840 (510 - 4.220)	1.420	13,30
9[2] + 12 + 12 + 24	1,72	1,98	1,98	4,32		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,30 + 1,30 + 2,40	2,07	2,37	2,37	5,19		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
9[2] + 12 + 15 + 15	1,99	2,29	2,86	2,86		10,00 (2,90 - 10,80)	3,26 A			3.070 (460 - 3.680)	1.535	14,20	1,30 + 1,50 + 1,70 + 1,70	2,40	2,74	3,43	3,43		12,00 (3,40 - 14,40)	4,08 A			2.940 (450 - 4.290)	1.470	13,80
9[2] + 12 + 15 + 18	1,87	2,13	2,67	3,33		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,20 + 1,40 + 1,60 + 1,90	2,24	2,56	3,20	4,00		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
9[2] + 12 + 15 + 21	1,75	2,00	2,50	3,75		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,30 + 1,50 + 2,20	2,10	2,40	3,00	4,50		12,00 (3,40 - 14,40)	4,17 A			2.880 (520 - 4.200)	1.440	13,50
9[2] + 12 + 15 + 24	1,65	1,88	2,35	4,12		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,20 + 1,50 + 2,30	1,98	2,26	2,82	4,94		12,00 (3,40 - 14,40)	4,18 A			2.870 (530 - 4.180)	1.435	13,50
9[2] + 12 + 18 + 18	1,74	2,00	3,13	3,13		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,10 + 1,30 + 1,80 + 1,80	2,10	2,40	3,75	3,75		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
9[2] + 12 + 18 + 21	1,65	1,88	2,94	3,53		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,10 + 1,20 + 1,70 + 2,00	1,97	2,26	3,53	4,24		12,00 (3,40 - 14,40)	4,21 A			2.850 (620 - 4.130)	1.425	13,40
9[2] + 15 + 15 + 15	1,90	2,70	2,70	2,70		10,00 (2,90 - 11,00)	3,33 A			3.000 (460 - 3.770)	1.500	13,80	1,20 + 1,60 + 1,60 + 1,60	2,28	3,24	3,24	3,24		12,00 (3,40 - 14,40)	4,10 A			2.930 (450 - 4.280)	1.465	13,80
9[2] + 15 + 15 + 18	1,77	2,53	2,53	3,17		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,60 + 1,60 + 1,80	2,12	3,04	3,04	3,80		12,00 (3,40 - 14,40)	4,18 A			2.870 (520 - 4.190)	1.435	13,50
9[2] + 15 + 15 + 21	1,67	2,38	2,38	3,57		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,10 + 1,50 + 1,50 + 2,10	1,99	2,86	2,86	4,29		12,00 (3,40 - 14,40)	4,18 A			2.870 (520 - 4.190)	1.435	13,50
9[2] + 15 + 18 + 18	1,66	2,38	2,98	2,98		10,00 (2,90 - 11,20)	3,57 A			2.800 (560 - 3.540)	1.400	12,90	1,10 + 1,50 + 1,70 + 1,70	2,00	2,86	3,57	3,57		12,00 (3,40 - 14,40)	4,23 A			2.840 (620 - 4.110)	1.420	13,30
12 + 12 + 12 + 12	2,50	2,50	2,50	2,50		10,00 (2,90 - 10,80)	3,33 A			3.000 (460 - 3.600)	1.500	13,80	1,50 + 1,50 + 1,50 + 1,50	3,00	3,00	3,00	3,00		12,00 (3,40 - 14,40)	4,10 A			2.930 (450 - 4.280)	1.465	13,80
12 + 12 + 12 + 15	2,35	2,35	2,35	2,95		10,00 (2,90 - 10,80)	3,33 A			3.000 (460 - 3.600)	1.500	13,80	1,50 + 1,50 + 1,50 + 1,70	2,82	2,82	2,82	3,54		12,00 (3,40 - 14,40)	4,11 A			2.920 (450 - 4.270)	1.460	13,70
12 + 12 + 12 + 18	2,19	2,19	2,19	3,43		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,40 + 1,40 + 1,40 + 2,00	2,63	2,63	2,63	4,11		12,00 (3,40 - 14,40)	4,18 A			2.870 (530 - 4.180)	1.435	13,50
12 + 12 + 12 + 21	2,05	2,05	2,05	3,85		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,30 + 1,30 + 1,30 + 2,30	2,46	2,46	2,46	4,62		12,00 (3,40 - 14,40)	4,18 A			2.870 (530 - 4.180)	1.435	13,50
12 + 12 + 12 + 24	1,93	1,93	1,93	4,21		10,00 (2,90 - 11,20)	3,50 A			2.860 (520 - 3.610)	1.430	13,20	1,20 + 1,20 + 1,20 + 2,40	2,31	2,31	2,31	5,07		12,00 (3,40 - 14,40)	4,20 A			2.860 (550 - 4.160)	1.430	13,40
12 + 12 + 15 + 15	2,22	2,22	2,78	2,78		10,00 (2,90 - 11,00)	3,33 A			3.000 (460 - 3.770)	1.500	13,80	1,40 + 1,40 + 1,60 + 1,60	2,67	2,67	3,33	3,33		12,00 (3,40 - 14,40)	4,12 A			2.910 (460 - 4.250)	1.455	13,70
12 + 12 + 15 + 18	2,08	2,08	2,59	3,25		10,00 (2,90 - 11,00)	3,50 A			2.860 (510 - 3.530)	1.430	13,20	1,30 + 1,30 + 1,60 + 1,80	2,49	2,49	3,12	3,90		12,00 (3,40 - 14,40)	4,20 A			2.860 (540 - 4.170)	1.430	13,40
12 + 12 + 15 + 21	1,95	1,95	2,44	3,66		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,30 + 1,30 + 1,50 + 2,10	2,34	2,34	2,93	4,39		12,00 (3,40 - 14,40)	4,20 A			2.860 (540 - 4.170)	1.430	13,40
12 + 12 + 15 + 24	1,84	1,84	2,30	4,02		10,00 (2,90 - 11,20)	3,50 A			2.860 (550 - 3.610)	1.430	13,20	1,20 + 1,20 + 1,50 + 2,30	2,21	2,21	2,75	4,83		12,00 (3,40 - 14,40)	4,21 A			2.850 (550 - 4.150)	1.425	13,40
12 + 12 + 18 + 18	1,95	1,95	3,05	3,05		10,00 (2,90 - 11,20)	3,57 A			2.800 (600 - 3.540)	1.400	12,90	1,30 + 1,30 + 1,70 + 1,70	2,34	2,34	3,66	3,66		12,00 (3,40 - 14,40)	4,17 A			2.880 (630 - 4.100)	1.440	13,50
12 + 12 + 18 + 21	1,84	1,84	2,87	3,45		10,00 (2,90 - 11,20)	3,57 A			2.800 (600 - 3.540)	1.400	12,90	1,20 + 1,20 + 1,70 + 2,00	2,21	2,21	3,44	4,14		12,00 (3,40 - 14,40)	4,17 A			2.880 (630 - 4.100)	1.440	13,50
12 + 15 + 15 + 15	2,11	2,63	2,63	2,63		10,00 (2,90 - 11,00)	3,33 A			3.000 (460 - 3.770)	1.500	13,80	1,40 + 1,60 + 1,60 + 1,60	2,52	3,16	3,16	3,16		12,00 (3,40 - 14,40)	4,14 A			2.900 (460 - 4.240)	1.450	13,60
12 + 15 + 15 + 18	1,97	2,47	2,47	3,09		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,30 + 1,50 + 1,50 + 1,70	2,37	2,96	2,96	3,71		12,00 (3,40 - 14,40)	4,21 A			2.850 (550 - 4.150)	1.425	13,40
12 + 15 + 15 + 21	1,85	2,33	2,33	3,49		10,00 (2,90 - 11,20)	3,50 A			2.860 (510 - 3.690)	1.430	13,20	1,20 + 1,50 + 1,50 + 2,00	2,23	2,79	2,79	4,19		12,00 (3,40 - 14,40)	4,21 A			2.850 (550 - 4.150)	1.425	13,40
12 + 15 + 18 + 18	1,85	2,33	2,91	2,91		10,00 (2,90 - 11,20)	3,56 A			2.810 (600 - 3.540)	1.405	13,00	1,20 + 1,50 + 1,70 + 1,70	2,23	2,79	3,49	3,49		12,00 (3,40 - 14,40)	4,18 A			2.870 (650 - 4.080)	1.435	13,50
15 + 15 + 15 + 15	2,50	2,50	2,50	2,50		10,00 (2,90 - 11,20)	3,33 A			3.000 (470 - 3.850)	1.500	13,80	1,50 + 1,50 + 1,50 + 1,50	3,00	3,00	3,00	3,00		12,00 (3,40 - 14,40)	4,15 A			2.890 (470 - 4.230)	1.445	13,60
15 + 15 + 15 + 18	2,35	2,35	2,35	2,95		10,00 (2,90 - 11,20)	3,50 A			2.860 (520 - 3.610)	1.430	13,20	1,50 + 1,50 + 1,50 + 1,70	2,82	2,82	2,82	3,54		12,00 (3,40 - 14,40)	4,23 A			2.840 (550 - 4.140)	1.420	13,30

1) For Etherea. 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive. * Data for not simultaneous operation.

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW																									
Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
5 Rooms																									
5 + 5 + 5 + 5 + 5	1,60	1,60	1,60	1,60	1,60	8,00 (2,90 - 11,50)	3,86 **A**			2.070 (510 - 3.940)	1.035	9,50	1,00 + 1,00 + 1,00 + 1,00	2,34	2,34	2,34	2,34	2,34	11,70 (3,40 - 14,50)	4,25 **A**			2.750 (500 - 4.240)	1.375	12,90
5 + 5 + 5 + 5 + 7	1,60	1,60	1,60	1,60	2,00	8,40 (2,90 - 11,50)	3,82 **A**			2.200 (510 - 3.940)	1.100	10,10	1,00 + 1,00 + 1,00 + 1,00	2,29	2,29	2,29	2,29	2,84	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (510 - 4.220)	1.420	13,30
5 + 5 + 5 + 5 + 9[1]	1,60	1,60	1,60	1,60	2,50	8,90 (2,90 - 11,50)	3,76 **A**			2.370 (510 - 3.940)	1.185	10,90	1,00 + 1,00 + 1,00 + 1,00	2,16	2,16	2,16	2,16	3,36	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (510 - 4.220)	1.420	13,30
5 + 5 + 5 + 5 + 9[2]	1,60	1,60	1,60	1,60	2,80	9,20 (2,90 - 11,50)	3,72 **A**			2.470 (510 - 3.940)	1.235	11,40	1,00 + 1,00 + 1,00 + 1,00	2,09	2,09	2,09	2,09	3,64	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (510 - 4.220)	1.420	13,30
5 + 5 + 5 + 5 + 12	1,60	1,60	1,60	1,60	3,20	9,60 (2,90 - 11,50)	3,62 **A**			2.650 (520 - 3.860)	1.325	12,20	1,00 + 1,00 + 1,00 + 1,00	2,00	2,00	2,00	2,00	4,00	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (520 - 4.190)	1.435	13,50
5 + 5 + 5 + 5 + 15	1,54	1,54	1,54	1,54	3,84	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (520 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,00 + 1,00	1,85	1,85	1,85	1,85	4,60	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
5 + 5 + 5 + 5 + 18	1,40	1,40	1,40	1,40	4,40	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.710)	1.405	13,00	0,90 + 0,90 + 0,90 + 0,90	1,68	1,68	1,68	1,68	5,28	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
5 + 5 + 5 + 5 + 21	1,29	1,29	1,29	1,29	4,84	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.710)	1.405	13,00	0,80 + 0,80 + 0,80 + 0,80	1,55	1,55	1,55	1,55	5,80	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
5 + 5 + 5 + 5 + 24	1,19	1,19	1,19	1,19	5,24	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 0,70 + 0,70	1,43	1,43	1,43	1,43	6,28	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.150)	1.435	13,50
5 + 5 + 5 + 7 + 7	1,60	1,60	1,60	2,00	2,00	8,80 (2,90 - 11,50)	3,71 **A**			2.370 (510 - 3.860)	1.185	10,90	1,00 + 1,00 + 1,00 + 1,30	2,18	2,18	2,18	2,73	2,73	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (520 - 4.210)	1.420	13,30
5 + 5 + 5 + 7 + 9[1]	1,60	1,60	1,60	2,00	2,50	9,30 (2,90 - 11,50)	3,66 **A**			2.540 (510 - 3.860)	1.270	11,70	1,00 + 1,00 + 1,00 + 1,30	2,06	2,06	2,06	2,58	3,24	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (520 - 4.210)	1.420	13,30
5 + 5 + 5 + 7 + 9[2]	1,60	1,60	1,60	2,00	2,80	9,60 (2,90 - 11,50)	3,62 **A**			2.650 (510 - 3.860)	1.325	12,20	1,00 + 1,00 + 1,00 + 1,30	2,00	2,00	2,00	2,50	3,50	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (520 - 4.210)	1.420	13,30
5 + 5 + 5 + 7 + 12	1,60	1,60	1,60	2,00	3,20	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (520 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,00 + 1,30	1,92	1,92	1,92	2,40	3,84	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
5 + 5 + 5 + 7 + 15	1,48	1,48	1,48	1,85	3,71	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 0,90 + 1,20	1,78	1,78	1,78	2,22	4,44	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 5 + 7 + 18	1,36	1,36	1,36	1,68	4,24	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	0,90 + 0,90 + 0,90 + 1,10	1,63	1,63	1,63	2,03	5,08	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (650 - 4.150)	1.440	13,50
5 + 5 + 5 + 7 + 21	1,25	1,25	1,25	1,56	4,69	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	0,80 + 0,80 + 0,80 + 1,00	1,50	1,50	1,50	1,87	5,63	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (650 - 4.150)	1.440	13,50
5 + 5 + 5 + 7 + 24	1,16	1,16	1,16	1,45	5,07	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,70 + 0,90	1,39	1,39	1,39	1,74	6,09	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 5 + 9[1] + 9[1]	1,60	1,60	1,60	2,50	2,50	9,80 (2,90 - 11,50)	3,51 **A**			2.790 (510 - 3.860)	1.395	12,90	1,00 + 1,00 + 1,00 + 1,50	1,96	1,96	1,96	3,06	3,06	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (520 - 4.210)	1.420	13,30
5 + 5 + 5 + 9[1] + 9[2]	1,58	1,58	1,58	2,48	2,78	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,00 + 1,50	1,90	1,90	1,90	2,97	3,33	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (520 - 4.210)	1.420	13,30
5 + 5 + 5 + 9[1] + 12	1,52	1,52	1,52	2,38	3,06	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (520 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,00 + 1,50	1,83	1,83	1,83	2,85	3,66	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
5 + 5 + 5 + 9[1] + 15	1,42	1,42	1,42	2,20	3,54	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 0,90 + 1,40	1,70	1,70	1,70	2,65	4,25	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 5 + 9[1] + 18	1,30	1,30	1,30	2,03	4,07	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	0,80 + 0,80 + 0,80 + 1,30	1,56	1,56	1,56	2,44	4,88	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (650 - 4.150)	1.440	13,50
5 + 5 + 5 + 9[1] + 21	1,20	1,20	1,20	1,88	4,52	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	0,70 + 0,70 + 0,70 + 1,20	1,44	1,44	1,44	2,26	5,42	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (650 - 4.150)	1.440	13,50
5 + 5 + 5 + 9[1] + 24	1,12	1,12	1,12	1,74	4,90	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,70 + 1,10	1,34	1,34	1,34	2,10	5,88	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 5 + 9[2] + 9[2]	1,54	1,54	1,54	2,69	2,69	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,00 + 1,60	1,85	1,85	1,85	3,22	3,22	11,99 (3,40 - 14,50)	4,22 **A**			2.840 (520 - 4.210)	1.420	13,30
5 + 5 + 5 + 9[2] + 12	1,48	1,48	1,48	2,59	2,97	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (520 - 3.860)	1.430	13,20	0,90 + 0,90 + 0,90 + 1,60	1,78	1,78	1,78	3,10	3,56	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
5 + 5 + 5 + 9[2] + 15	1,38	1,38	1,38	2,41	3,45	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 0,90 + 1,50	1,66	1,66	1,66	2,88	4,14	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 5 + 9[2] + 18	1,27	1,27	1,27	2,22	3,97	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	0,80 + 0,80 + 0,80 + 1,40	1,52	1,52	1,52	2,67	4,77	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (650 - 4.150)	1.440	13,50
5 + 5 + 5 + 9[2] + 21	1,18	1,18	1,18	2,05	4,41	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	0,70 + 0,70 + 0,70 + 1,30	1,41	1,41	1,41	2,47	5,30	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (650 - 4.150)	1.440	13,50
5 + 5 + 5 + 9[2] + 24	1,10	1,10	1,10	1,91	4,79	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,70 + 1,20	1,32	1,32	1,32	2,29	5,75	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 5 + 12 + 12	1,43	1,43	1,43	2,85	2,85	9,99 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	0,90 + 0,90 + 0,90 + 1,70	1,71	1,71	1,71	3,43	3,43	11,99 (3,40 - 14,50)	4,22 **A**			2.840 (560 - 4.200)	1.420	13,30
5 + 5 + 5 + 12 + 15	1,33	1,33	1,33	2,67	3,34	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	0,80 + 0,80 + 0,80 + 1,60	1,60	1,60	1,60	3,20	4,00	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.190)	1.420	13,30
5 + 5 + 5 + 12 + 18	1,23	1,23	1,23	2,46	3,85	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 0,80 + 1,50	1,48	1,48	1,48	2,94	4,62	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.190)	1.430	13,40
5 + 5 + 5 + 12 + 21	1,14	1,14	1,14	2,29	4,29	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 0,70 + 1,50	1,37	1,37	1,37	2,74	5,15	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.190)	1.430	13,40
5 + 5 + 5 + 12 + 24	1,07	1,07	1,07	2,12	4,67	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,70 + 0,70 + 1,40	1,28	1,28	1,28	2,56	5,60	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (680 - 4.170)	1.450	13,60
5 + 5 + 5 + 15 + 15	1,25	1,25	1,25	3,12	3,12	9,99 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	0,80 + 0,80 + 0,80 + 1,80	1,50	1,50	1,50	3,75	3,75	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (580 - 4.180)	1.415	13,30
5 + 5 + 5 + 15 + 18	1,16	1,16	1,16	2,90	3,62	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,70 + 1,70	1,39	1,39	1,39	3,48	4,35	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 5 + 15 + 21	1,08	1,08	1,08	2,70	4,06	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,70 + 1,60	1,30	1,30	1,30	3,24	4,86	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 5 + 15 + 24	1,01	1,01	1,01	2,53	4,44	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 0,70 + 1,60	1,22	1,22	1,22	3,02	5,32	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.160)	1.445	13,60
5 + 5 + 5 + 18 + 18	1,08	1,08	1,08	3,38	3,38	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (710 - 3.570)	1.385	12,80	0,70 + 0,70 + 0,70 + 1,90	1,30	1,30	1,30	4,05	4,05	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (790 - 4.190)	1.470	13,80
5 + 5 + 5 + 18 + 21	1,01	1,01	1,01	3,16	3,81	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (710 - 3.570)	1.385	12,80	0,70 + 0,70 + 0,70 + 1,80	1,22	1,22	1,22	3,78	4,56	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (790 - 4.190)	1.470	13,80
5 + 5 + 5 + 18 + 24	0,95	0,95	0,95	2,98	4,17	10,00 (2,90 - 11,50)	3,60 **A**			2.780 (750 - 3.580)	1.390	12,80	0,70 + 0,70 + 0,70 + 1,70	1,14	1,14	1,14	3,57	5,01	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (810 - 4.180)	1.470	13,80
5 + 5 + 5 + 21 + 21	0,95	0,95	0,95	3,57	3,57	9,99 (2,90 - 11,50)	3,61 **A**			2.770 (710 - 3.570)	1.385	12,80	0,70 + 0,70 + 0,70 + 2,10	1,14	1,14	1,14	4,29	4,29	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (790 - 4.190)	1.470	13,80
5 + 5 + 7 + 7 + 7	1,60	1,60	2,00	2,00	2,00	9,20 (2,90 - 11,50)	3,72 **A**			2.470 (510 - 3.860)	1.235	11,40	1,00 + 1,00 + 1,30 + 1,30	2,09	2,09	2,61	2,60	2,60	11,99 (3,40 - 14,50)	4,16 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 7 + 7 + 9[1]	1,60	1,60	2,00	2,00	2,50	9,70 (2,90 - 11,50)	3,57 **A**			2.720 (510 - 3.860)	1.360	12,50	1,00 + 1,00 + 1,30 + 1,30	1,98	1,98	2,47	2,47	3,10	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 7 + 7 + 9[2]	1,60	1,60	2,00	2,00	2,80	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,30 + 1,30	1,92	1,92	2,40	2,40	3,36	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 7 + 7 + 12	1,54	1,54	1,92	1,92	3,08	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,20 + 1,20	1,85	1,85	2,31	2,31	3,68	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 7 + 7 + 15	1,43	1,43	1,79	1,79	3,56	10,00 (2,90 - 11,50)	3,48 **A**			2.870 (550 - 3.780)	1.435	13,20	0,90 + 0,90 + 1,20 + 1,20	1,71	1,71	2,14	2,14	4,30	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (550 - 4.210)	1.425	13,40
5 + 5 + 7 + 7 + 18	1,31	1,31	1,64	1,64	4,10	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,00 + 1,00	1,57	1,57	1,97	1,97	4,92	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 7 + 7 + 21	1,21	1,21	1,52	1,52	4,54	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,00 + 1,00	1,45	1,45	1,82	1,82	5,46	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 7 + 7 + 24	1,13	1,13	1,41	1,41	4,92	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,90 + 0,90	1,35	1,35	1,69	1,69	5,92	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
5 + 5 + 7 + 9[1] + 9[1]	1,57	1,57	1,96	2,45	2,45	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,30 + 1,50	1,88	1,88	2,36	2,94	2,94	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 7 + 9[1] + 9[2]	1,52	1,52	1,90	2,38	2,68	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,20 + 1,50	1,83	1,83	2,28	2,86	3,20	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 7 + 9[1] + 12	1,47	1,47	1,83	2,29	2,94	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,20 + 1,50	1,76	1,76	2,20	2,75	3,53	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 7 + 9[1] + 15	1,37	1,37	1,70	2,14	3,42	10,00 (2,90 - 11,50)	3,48 **A**			2.870 (550 - 3.780)	1.435	13,20	0,90 + 0,90 + 1,10 + 1,40	1,64	1,64	2,05	2,56	4,11	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (550 - 4.210)	1.425	13,40
5 + 5 + 7 + 9[1] + 18	1,26	1,26	1,57	1,97	3,94	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,00 + 1,30	1,51	1,51	1,89	2,36	4,73	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 7 + 9[1] + 21	1,17	1,17	1,46	1,82	4,38	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 0,90 + 1,20	1,40	1,40	1,75	2,19	5,26	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 7 + 9[1] + 24	1,09	1,09	1,36	1,70	4,76	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,90 + 1,10	1,31	1,31	1,63	2,04	5,71	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
5 + 5 + 7 + 9[2] + 9[2]	1,48	1,48	1,86	2,59	2,59	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,20 + 1,60	1,78	1,78	2,22	3,11	3,11	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 7 + 9[2] + 12	1,43	1,43	1,78	2,50	2,86	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,10 + 1,50	1,71	1,71	2,14	3,00	3,44	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 7 + 9[2] + 15	1,33	1,33	1,67	2,33	3,34	10,00 (2,90 - 11,50)	3,48 **A**			2.870 (550 - 3.780)	1.435	13,20	0,80 + 0,80 + 1,10 + 1,50	1,60	1,60	2,00	2,80	4,00	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (550 - 4.210)	1.425	13,40
5 + 5 + 7 + 9[2] + 18	1,23	1,23	1,54	2,15	3,85	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,00 + 1,40	1,48	1,48	1,84	2,58	4,62	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 7 + 9[2] + 21	1,14	1,14	1,43	2,00	4,29	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 0,90 + 1,30	1,37	1,37	1,71	2,40	5,15	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 7 + 9[2] + 24	1,07	1,07	1,32	1,87	4,67	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,80 + 1,20	1,28	1,28	1,60	2,24	5,60	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
5 + 5 + 7 + 12 + 12	1,38	1,38	1,72	2,76	2,76	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	0,90 + 0,90 + 1,10 + 1,60	1,66	1,66	2,06	3,31	3,31	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.190)	1.420	13,30
5 + 5 + 7 + 12 + 15	1,29	1,29	1,61	2,58	3,23	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,00 + 1,60	1,55	1,55	1,93	3,10	3,87	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (580 - 4.180)	1.415	13,30
5 + 5 + 7 + 12 + 18	1,19	1,19	1,49	2,39	3,74	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,90 + 1,50	1,43	1,43	1,79	2,87	4,48	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 7 + 12 + 21	1,11	1,11	1,39	2,22	4,17	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,90 + 1,40	1,33	1,33	1,67	2,67	5,00	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 7 + 12 + 24	1,04	1,04	1,29	2,08	4,55	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 0,80 + 1,30	1,25	1,25	1,56	2,49	5,45	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.160)	1.445	13,60
5 + 5 + 7 + 15 + 15	1,21	1,21	1,52	3,03	3,03	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,00 + 1,70	1,45	1,45	1,82	3,64	3,64	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (580 - 4.170)	1.435	13,50
5 + 5 + 7 + 15 + 18	1,13	1,13	1,40	2,82	3,52	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,90 + 1,70	1,35	1,35	1,69	3,38	4,23	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (690 - 4.160)	1.450	13,60
5 + 5 + 7 + 15 + 21	1,05	1,05	1,32	2,63	3,95	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 0,80 + 1,60	1,26	1,26	1,58	3,16	4,74	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (690 - 4.160)	1.450	13,60
5 + 5 + 7 + 15 + 24	0,99	0,99	1,23	2,47	4,32	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 0,80 + 1,50	1,19	1,19	1,47	2,96	5,19	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.150)	1.445	13,60
5 + 5 + 7 + 18 + 18	1,05	1,05	1,32	3,29	3,29	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 0,80 + 1,90	1,26	1,26	1,58	3,95	3,95	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 7 + 18 + 21	0,99	0,99	1,23	3,09	3,70	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 0,80 + 1,70	1,19	1,19	1,48	3,70	4,44	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 7 + 18 + 24	0,93	0,93	1,16	2,91	4,07	10,00 (2,90 - 11,50)	3,60 **A**			2.780 (760 - 3.580)	1.390	12,80	0,70 + 0,70 + 0,70 + 1,70	1,12	1,12	1,39	3,49	4,88	12,00 (3,40 - 14,50)	4,03 **A**			2.980 (820 - 4.230)	1.490	14,00
5 + 5 + 7 + 21 + 21	0,93	0,93	1,16	3,49	3,49	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 0,70 + 2,00	1,12	1,12	1,38	4,19	4,19	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 9[1] + 9[1] + 9[1]	1,49	1,49	2,34	2,34	2,34	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,50 + 1,50	1,80	1,80	2,80	2,80	2,80	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 9[1] + 9[1] + 9[2]	1,45	1,45	2,27	2,27	2,56	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,50 + 1,50	1,75	1,75	2,73	2,73	3,04	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 9[1] + 9[1] + 12	1,40	1,40	2,19	2,19	2,82	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,40 + 1,40	1,68	1,68	2,63	2,63	3,38	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 9[1] + 9[1] + 15	1,31	1,31	2,05	2,05	3,28	10,00 (2,90 - 11,50)	3,48 **A**			2.870 (550 - 3.780)	1.435	13,20	0,80 + 0,80 + 1,30 + 1,30	1,57	1,57	2,46	2,46	3,94	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (550 - 4.210)	1.425	13,40
5 + 5 + 9[1] + 9[1] + 18	1,21	1,21	1,89	1,89	3,80	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,20 + 1,20	1,45	1,45	2,27	2,27	4,56	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 9[1] + 9[1] + 21	1,13	1,13	1,76	1,76	4,22	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 1,10 + 1,10	1,35	1,35	2,11	2,11	5,08	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 9[1] + 9[1] + 24	1,05	1,05	1,64	1,64	4,62	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,00 + 1,00	1,26	1,26	1,97	1,97	5,54	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
5 + 5 + 9[1] + 9[2] + 9[2]	1,42	1,42	2,20	2,48	2,48	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (510 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,40 + 1,50	1,70	1,70	2,66	2,97	2,97	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 9[1] + 9[2] + 12	1,37	1,37	2,13	2,39	2,74	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,40 + 1,50	1,64	1,64	2,56	2,87	3,29	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 9[1] + 9[2] + 15	1,28	1,28	2,00	2,24	3,20	10,00 (2,90 - 11,50)	3,48 **A**			2.870 (550 - 3.780)	1.435	13,20	0,80 + 0,80 + 1,30 + 1,50	1,54	1,54	2,39	2,69	3,84	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (550 - 4.210)	1.425	13,40
5 + 5 + 9[1] + 9[2] + 18	1,19	1,19	1,85	2,07	3,70	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 1,20 + 1,30	1,42	1,42	2,23	2,49	4,44	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 9[1] + 9[2] + 21	1,10	1,10	1,72	1,93	4,15	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 1,10 + 1,20	1,32	1,32	2,07	2,32	4,97	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 9[1] + 9[2] + 24	1,03	1,03	1,61	1,81	4,52	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,00 + 1,20	1,24	1,24	1,93	2,17	5,42	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
5 + 5 + 9[1] + 12 + 12	1,32	1,32	2,08	2,64	2,64	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,30 + 1,60	1,59	1,59	2,48	3,17	3,17	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.190)	1.420	13,30
5 + 5 + 9[1] + 12 + 15	1,24	1,24	1,94	2,48	3,10	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,30 + 1,50	1,49	1,49	2,32	2,98	3,72	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (580 - 4.180)	1.415	13,30
5 + 5 + 9[1] + 12 + 18	1,15	1,15	1,80	2,30	3,60	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,20 + 1,50	1,38	1,38	2,16	2,76	4,32	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 9[1] + 12 + 21	1,07	1,07	1,68	2,15	4,03	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,10 + 1,40	1,29	1,29	2,01	2,58	4,83	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 9[1] + 12 + 24	1,01	1,01	1,57	2,01	4,40	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,00 + 1,30	1,21	1,21	1,88	2,42	5,28	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.160)	1.445	13,60
5 + 5 + 9[1] + 15 + 15	1,17	1,17	1,82	2,92	2,92	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,70 + 1,20 + 1,70	1,40	1,40	2,20	3,50	3,50	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (580 - 4.170)	1.435	13,50
5 + 5 + 9[1] + 15 + 18	1,09	1,09	1,70	2,72	3,40	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,10 + 1,60	1,31	1,31	2,03	3,27	4,08	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (690 - 4.160)	1.450	13,60
5 + 5 + 9[1] + 15 + 21	1,02	1,02	1,59	2,55	3,82	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,00 + 1,60	1,22	1,22	1,91	3,06	4,59	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (690 - 4.160)	1.450	13,60
5 + 5 + 9[1] + 15 + 24	0,96	0,96	1,49	2,40	4,19	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 0,90 + 1,50	1,15	1,15	1,80	2,87	5,03	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.150)	1.445	13,60
5 + 5 + 9[1] + 18 + 18	1,02	1,02	1,60	3,18	3,18	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 1,00 + 1,80	1,22	1,22	1,92	3,82	3,82	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 9[1] + 18 + 21	0,96	0,96	1,50	2,99	3,59	10,00 (2,90 - 11,50)	3,61 **A**			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 1,00 + 1,70	1,15	1,15	1,80	3,59	4,31	12,00 (3,40 - 14,50)	4,08 **A**			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 9[2] + 9[2] + 9[2]	1,38	1,38	2,41	2,41	2,41	9,99 (2,90 - 11,50)	3,49 **A**			2.860 (510 - 3.860)	1.430	13,20	0,90 + 0,90 + 1,50 + 1,50	1,65	1,65	2,90	2,90	2,90	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (520 - 4.200)	1.440	13,50
5 + 5 + 9[2] + 9[2] + 12	1,33	1,33	2,33	2,33	2,68	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	0,80 + 0,80 + 1,50 + 1,50	1,60	1,60	2,80	2,80	3,20	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (550 - 4.230)	1.430	13,40
5 + 5 + 9[2] + 9[2] + 15	1,25	1,25	2,19	2,19	3,12	10,00 (2,90 - 11,50)	3,48 **A**			2.870 (550 - 3.780)	1.435	13,20	0,80 + 0,80 + 1,40 + 1,40	1,50	1,50	2,63	2,63	3,74	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (550 - 4.210)	1.425	13,40
5 + 5 + 9[2] + 9[2] + 18	1,16	1,16	2,03	2,03	3,62	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 1,30 + 1,30	1,39	1,39	2,43	2,43	4,36	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 9[2] + 9[2] + 21	1,08	1,08	1,89	1,89	4,06	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,70 + 1,20 + 1,20	1,30	1,30	2,27	2,27	4,86	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
5 + 5 + 9[2] + 9[2] + 24	1,01	1,01	1,77	1,77	4,44	10,00 (2,90 - 11,50)	3,55 **A**			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,10 + 1,10	1,22	1,22	2,13	2,13	5,30	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
5 + 5 + 9[2] + 12 + 12	1,29	1,29	2,26	2,58	2,58	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,50 + 1,60	1,55	1,55	2,70	3,10	3,10	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.190)	1.420	13,30

Free Multi combinations table

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW																									
Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
5 Rooms																									
5 + 5 + 9[2] + 12 + 15	1,21	1,21	2,13	2,42	3,03	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,40 + 1,50	1,45	1,45	2,55	2,91	3,64	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 5 + 9[2] + 12 + 18	1,13	1,13	1,97	2,25	3,52	10,00 (2,90 - 11,50)	3,55 A			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,30 + 1,50	1,35	1,35	2,37	2,70	4,23	12,00 (3,40 - 14,50)	4,21 A			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 9[2] + 12 + 21	1,05	1,05	1,84	2,11	3,95	10,00 (2,90 - 11,50)	3,55 A			2.820 (620 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,20 + 1,40	1,26	1,26	2,21	2,53	4,74	12,00 (3,40 - 14,50)	4,21 A			2.850 (680 - 4.180)	1.425	13,40
5 + 5 + 9[2] + 12 + 24	0,99	0,99	1,72	1,98	4,32	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,10 + 1,30	1,19	1,19	2,06	2,37	5,19	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.160)	1.445	13,60
5 + 5 + 9[2] + 15 + 15	1,14	1,14	2,00	2,86	2,86	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,70 + 1,30 + 1,70	1,37	1,37	2,40	3,43	3,43	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 5 + 9[2] + 15 + 18	1,07	1,07	1,86	2,67	3,33	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,20 + 1,60	1,28	1,28	2,24	3,20	4,00	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 5 + 9[2] + 15 + 21	1,00	1,00	1,75	2,50	3,75	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,70 + 1,10 + 1,50	1,20	1,20	2,10	3,00	4,50	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 5 + 9[2] + 15 + 24	0,94	0,94	1,65	2,35	4,12	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,10 + 1,50	1,13	1,13	1,98	2,82	4,94	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 5 + 9[2] + 18 + 18	1,00	1,00	1,75	3,12	3,13	10,00 (2,90 - 11,50)	3,61 A			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 1,10 + 1,80	1,20	1,20	2,10	3,75	3,75	12,00 (3,40 - 14,50)	4,08 A			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 9[2] + 18 + 21	0,94	0,94	1,65	2,94	3,53	10,00 (2,90 - 11,50)	3,61 A			2.770 (720 - 3.580)	1.385	12,80	0,70 + 0,70 + 1,10 + 1,70	1,13	1,13	1,97	3,53	4,24	12,00 (3,40 - 14,50)	4,08 A			2.940 (800 - 4.180)	1.470	13,80
5 + 5 + 12 + 12 + 12	1,25	1,25	2,50	2,50	2,50	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 0,80 + 1,50 + 1,50	1,50	1,50	3,00	3,00	3,00	12,00 (3,40 - 14,50)	4,18 A			2.870 (590 - 4.160)	1.435	13,50
5 + 5 + 12 + 12 + 15	1,18	1,18	2,35	2,35	2,94	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,70 + 1,50 + 1,50	1,41	1,41	2,82	2,82	3,54	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.150)	1.430	13,40
5 + 5 + 12 + 12 + 18	1,10	1,10	2,19	2,19	3,42	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,40 + 1,40	1,32	1,32	2,63	2,63	4,10	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 5 + 12 + 12 + 21	1,03	1,03	2,05	2,05	3,84	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,30 + 1,30	1,23	1,23	2,46	2,46	4,62	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 5 + 12 + 12 + 24	0,96	0,96	1,93	1,93	4,22	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,20 + 1,20	1,16	1,16	2,31	2,31	5,06	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.130)	1.440	13,50
5 + 5 + 12 + 15 + 15	1,11	1,11	2,22	2,78	2,78	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 0,70 + 1,40 + 1,60	1,33	1,33	2,68	3,33	3,33	12,00 (3,40 - 14,50)	4,21 A			2.850 (600 - 4.200)	1.425	13,40
5 + 5 + 12 + 15 + 18	1,04	1,04	2,07	2,60	3,25	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,30 + 1,60	1,25	1,25	2,48	3,12	3,90	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 5 + 12 + 15 + 21	0,98	0,98	1,94	2,44	3,66	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,30 + 1,50	1,17	1,17	2,34	2,93	4,39	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 5 + 12 + 15 + 24	0,92	0,92	1,84	2,30	4,02	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,20 + 1,50	1,10	1,10	2,21	2,76	4,83	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.190)	1.460	13,70
5 + 5 + 12 + 18 + 18	0,98	0,98	1,94	3,05	3,05	10,00 (2,90 - 11,50)	3,60 A			2.780 (760 - 3.580)	1.390	12,80	0,70 + 0,70 + 1,30 + 1,70	1,17	1,17	2,34	3,66	3,66	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
5 + 5 + 12 + 18 + 21	0,92	0,92	1,84	2,87	3,45	10,00 (2,90 - 11,50)	3,60 A			2.780 (760 - 3.580)	1.390	12,80	0,70 + 0,70 + 1,20 + 1,70	1,10	1,10	2,21	3,45	4,14	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
5 + 5 + 15 + 15 + 15	1,05	1,05	2,63	2,63	2,63	9,99 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 0,70 + 1,60 + 1,60	1,26	1,26	3,16	3,16	3,16	12,00 (3,40 - 14,50)	4,21 A			2.850 (620 - 4.190)	1.425	13,40
5 + 5 + 15 + 15 + 18	0,99	0,99	2,47	2,47	3,08	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,50 + 1,50	1,19	1,19	2,96	2,96	3,70	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 5 + 15 + 15 + 21	0,93	0,93	2,33	2,33	3,48	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,50 + 1,50	1,12	1,12	2,79	2,79	4,18	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 5 + 15 + 18 + 18	0,93	0,93	2,32	2,91	2,91	10,00 (2,90 - 11,50)	3,60 A			2.780 (760 - 3.580)	1.390	12,80	0,70 + 0,70 + 1,50 + 1,70	1,12	1,12	2,78	3,49	3,49	12,00 (3,40 - 14,50)	4,04 A			2.970 (850 - 4.210)	1.485	14,00
5 + 7 + 7 + 7 + 7	1,60	2,00	2,00	2,00	2,00	9,60 (2,90 - 11,50)	3,62 A			2.650 (520 - 3.860)	1.325	12,20	1,00 + 1,30 + 1,30 + 1,30	2,00	2,50	2,50	2,50	2,50	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 7 + 7 + 9[1]	1,58	1,98	1,98	1,98	2,48	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	1,00 + 1,30 + 1,30 + 1,30	1,89	2,38	2,38	2,38	2,97	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 7 + 7 + 9[2]	1,54	1,92	1,92	1,92	2,70	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	1,00 + 1,20 + 1,20 + 1,20	1,84	2,31	2,31	2,31	3,23	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 7 + 7 + 12	1,48	1,85	1,85	1,85	2,97	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,90 + 1,20 + 1,20 + 1,20	1,78	2,22	2,22	2,22	3,56	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 7 + 7 + 7 + 15	1,38	1,72	1,72	1,72	3,46	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,90 + 1,10 + 1,10 + 1,10	1,65	2,07	2,07	2,07	4,14	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 7 + 7 + 7 + 18	1,26	1,59	1,59	1,59	3,97	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,00 + 1,00 + 1,00	1,52	1,90	1,90	1,90	4,78	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 7 + 7 + 21	1,18	1,47	1,47	1,47	4,41	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 0,90 + 0,90	1,41	1,76	1,76	1,76	5,31	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 7 + 7 + 24	1,10	1,37	1,37	1,37	4,79	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,90 + 0,90 + 0,90	1,32	1,64	1,64	1,64	5,76	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 7 + 7 + 9[1] + 9[1]	1,50	1,89	1,89	2,36	2,36	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	1,00 + 1,20 + 1,20 + 1,50	1,82	2,26	2,26	2,83	2,83	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 7 + 9[1] + 9[2]	1,47	1,83	1,83	2,29	2,58	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,90 + 1,20 + 1,20 + 1,50	1,76	2,20	2,20	2,75	3,09	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 7 + 9[1] + 12	1,42	1,77	1,77	2,21	2,83	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,90 + 1,10 + 1,10 + 1,40	1,70	2,12	2,12	2,65	3,41	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 7 + 7 + 9[1] + 15	1,32	1,65	1,65	2,07	3,31	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,80 + 1,10 + 1,10 + 1,30	1,59	1,98	1,98	2,48	3,97	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 7 + 7 + 9[1] + 18	1,21	1,53	1,53	1,91	3,82	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,00 + 1,00 + 1,20	1,47	1,83	1,83	2,29	4,58	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 7 + 9[1] + 21	1,13	1,42	1,42	1,77	4,26	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 0,90 + 1,10	1,36	1,70	1,70	2,13	5,11	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 7 + 9[1] + 24	1,06	1,32	1,32	1,66	4,64	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 0,80 + 1,10	1,27	1,59	1,59	1,99	5,56	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 7 + 7 + 9[2] + 9[2]	1,42	1,79	1,79	2,50	2,50	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,90 + 1,20 + 1,20 + 1,50	1,72	2,14	2,14	3,00	3,00	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 7 + 9[2] + 12	1,38	1,72	1,72	2,41	2,77	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,90 + 1,10 + 1,10 + 1,50	1,65	2,07	2,07	2,90	3,31	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 7 + 7 + 9[2] + 15	1,29	1,61	1,61	2,26	3,23	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,80 + 1,00 + 1,00 + 1,50	1,54	1,94	1,94	2,71	3,87	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 7 + 7 + 9[2] + 18	1,19	1,49	1,49	2,09	3,74	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 0,90 + 1,40	1,43	1,79	1,79	2,51	4,48	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 7 + 9[2] + 21	1,11	1,39	1,39	1,94	4,17	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 0,90 + 1,30	1,33	1,67	1,67	2,33	5,00	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 7 + 9[2] + 24	1,03	1,30	1,30	1,82	4,55	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 0,80 + 1,20	1,25	1,56	1,56	2,18	5,45	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 7 + 7 + 12 + 12	1,32	1,67	1,67	2,67	2,67	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,10 + 1,10 + 1,60	1,60	2,00	2,00	3,20	3,20	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 7 + 7 + 12 + 15	1,25	1,56	1,56	2,50	3,13	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,00 + 1,00 + 1,50	1,49	1,88	1,88	3,00	3,75	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 7 + 7 + 12 + 18	1,16	1,45	1,45	2,32	3,62	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,90 + 0,90 + 1,50	1,39	1,74	1,74	2,78	4,35	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 7 + 7 + 12 + 21	1,08	1,35	1,35	2,16	4,06	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,90 + 0,90 + 1,40	1,30	1,62	1,62	2,59	4,87	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 7 + 7 + 12 + 24	1,00	1,27	1,27	2,03	4,43	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,80 + 0,80 + 1,30	1,21	1,52	1,52	2,43	5,32	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 7 + 7 + 15 + 15	1,18	1,47	1,47	2,94	2,94	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,90 + 0,90 + 1,70	1,42	1,76	1,76	3,53	3,53	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
5 + 7 + 7 + 15 + 18	1,10	1,37	1,37	2,74	3,42	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,90 + 0,90 + 1,60	1,32	1,64	1,64	3,29	4,11	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 7 + 7 + 15 + 21	1,03	1,28	1,28	2,56	3,85	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 0,80 + 1,60	1,22	1,54	1,54	3,08	4,62	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 7 + 7 + 15 + 24	0,96	1,20	1,20	2,41	4,23	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 0,70 + 1,50	1,15	1,45	1,45	2,89	5,06	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
5 + 7 + 7 + 18 + 18	1,02	1,28	1,28	3,21	3,21	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,80 + 0,80 + 1,80	1,22	1,54	1,54	3,85	3,85	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 7 + 7 + 18 + 21	0,96	1,20	1,20	3,01	3,63	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,70 + 0,70 + 1,70	1,15	1,45	1,45	3,61	4,34	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 7 + 9[1] + 9[1] + 9[1]	1,44	1,81	2,25	2,25	2,25	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,90 + 1,20 + 1,50 + 1,50	1,73	2,17	2,70	2,70	2,70	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 9[1] + 9[1] + 9[2]	1,40	1,75	2,19	2,19	2,47	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,90 + 1,10 + 1,40 + 1,40	1,68	2,11	2,63	2,63	2,95	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 9[1] + 9[1] + 12	1,36	1,69	2,12	2,12	2,71	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,90 + 1,10 + 1,40 + 1,40	1,63	2,03	2,54	2,54	3,26	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 7 + 9[1] + 9[1] + 15	1,27	1,59	1,98	1,98	3,18	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,80 + 1,00 + 1,30 + 1,30	1,52	1,90	2,38	2,38	3,82	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 7 + 9[1] + 9[1] + 18	1,17	1,47	1,84	1,84	3,68	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 1,20 + 1,20	1,41	1,76	2,21	2,21	4,41	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 9[1] + 9[1] + 21	1,10	1,37	1,71	1,71	4,11	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 1,10 + 1,10	1,32	1,64	2,05	2,05	4,94	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 9[1] + 9[1] + 24	1,03	1,28	1,60	1,60	4,49	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,00 + 1,00	1,23	1,54	1,92	1,92	5,39	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 7 + 9[1] + 9[2] + 9[2]	1,37	1,71	2,14	2,39	2,39	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,90 + 1,10 + 1,40 + 1,50	1,64	2,05	2,57	2,87	2,87	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 9[1] + 9[2] + 12	1,32	1,65	2,07	2,31	2,65	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,80 + 1,10 + 1,30 + 1,50	1,59	1,98	2,48	2,78	3,17	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 7 + 9[1] + 9[2] + 15	1,24	1,55	1,94	2,17	3,10	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,80 + 1,00 + 1,30 + 1,40	1,49	1,86	2,33	2,60	3,72	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 7 + 9[1] + 9[2] + 18	1,15	1,44	1,80	2,01	3,60	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 1,20 + 1,30	1,37	1,73	2,16	2,42	4,32	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 9[1] + 9[2] + 21	1,07	1,34	1,68	1,88	4,03	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,80 + 1,10 + 1,20	1,29	1,61	2,01	2,26	4,83	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 9[1] + 9[2] + 24	1,01	1,26	1,57	1,76	4,40	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,00 + 1,10	1,21	1,51	1,89	2,11	5,28	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 7 + 9[1] + 12 + 12	1,28	1,60	2,00	2,56	2,56	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,00 + 1,30 + 1,60	1,54	1,92	2,40	3,07	3,07	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 7 + 9[1] + 12 + 15	1,20	1,50	1,88	2,41	3,01	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,00 + 1,20 + 1,50	1,44	1,80	2,26	2,89	3,61	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 7 + 9[1] + 12 + 18	1,11	1,40	1,75	2,24	3,50	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,90 + 1,10 + 1,50	1,33	1,68	2,10	2,69	4,20	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 7 + 9[1] + 12 + 21	1,05	1,31	1,63	2,09	3,92	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,80 + 1,00 + 1,40	1,25	1,57	1,96	2,51	4,71	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 7 + 9[1] + 12 + 24	0,98	1,23	1,53	1,96	4,30	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,80 + 1,00 + 1,30	1,18	1,47	1,84	2,36	5,15	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 7 + 9[1] + 15 + 15	1,13	1,42	1,77	2,84	2,84	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,90 + 1,10 + 1,70	1,36	1,70	2,14	3,40	3,40	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
5 + 7 + 9[1] + 15 + 18	1,06	1,32	1,66	2,65	3,31	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,10 + 1,60	1,27	1,59	1,99	3,18	3,97	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 7 + 9[1] + 15 + 21	0,99	1,24	1,55	2,48	3,74	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,00 + 1,50	1,19	1,49	1,86	2,98	4,48	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 7 + 9[1] + 15 + 24	0,94	1,17	1,46	2,34	4,09	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 0,90 + 1,50	1,12	1,40	1,75	2,81	4,92	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
5 + 7 + 9[1] + 18 + 18	0,99	1,24	1,55	3,11	3,11	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,80 + 1,00 + 1,80	1,19	1,49	1,86	3,73	3,73	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 7 + 9[1] + 18 + 21	0,94	1,17	1,46	2,92	3,51	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,70 + 0,90 + 1,70	1,12	1,40	1,75	3,51	4,22	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 7 + 9[2] + 9[2] + 9[2]	1,33	1,68	2,33	2,33	2,33	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,80 + 1,10 + 1,50 + 1,50	1,60	2,00	2,80	2,80	2,80	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 7 + 9[2] + 9[2] + 12	1,29	1,61	2,26	2,26	2,58	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,80 + 1,00 + 1,50 + 1,50	1,54	1,94	2,71	2,71	3,10	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 7 + 9[2] + 9[2] + 15	1,21	1,52	2,12	2,12	3,03	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,80 + 1,00 + 1,40 + 1,40	1,44	1,82	2,55	2,55	3,64	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 7 + 9[2] + 9[2] + 18	1,13	1,41	1,97	1,97	3,52	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,90 + 1,30 + 1,30	1,34	1,69	2,37	2,37	4,23	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 9[2] + 9[2] + 21	1,05	1,32	1,84	1,84	3,95	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 0,80 + 1,20 + 1,20	1,26	1,58	2,21	2,21	4,74	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 7 + 9[2] + 9[2] + 24	0,99	1,23	1,73	1,73	4,32	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,10 + 1,10	1,19	1,48	2,07	2,07	5,19	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 7 + 9[2] + 12 + 12	1,25	1,56	2,19	2,50	2,50	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,00 + 1,40 + 1,50	1,49	1,88	2,63	3,00	3,00	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 7 + 9[2] + 12 + 15	1,18	1,47	2,06	2,35	2,94	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,90 + 1,30 + 1,50	1,41	1,76	2,47	2,82	3,54	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 7 + 9[2] + 12 + 18	1,10	1,37	1,92	2,19	3,42	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,90 + 1,20 + 1,40	1,32	1,64	2,30	2,63	4,11	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 7 + 9[2] + 12 + 21	1,03	1,28	1,79	2,05	3,85	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 0,80 + 1,20 + 1,30	1,23	1,54	2,15	2,46	4,62	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 7 + 9[2] + 12 + 24	0,96	1,20	1,69	1,93	4,22	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,10 + 1,20	1,16	1,45	2,02	2,31	5,06	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 7 + 9[2] + 15 + 15	1,11	1,39	1,94	2,78	2,78	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 0,90 + 1,30 + 1,60	1,33	1,68	2,33	3,33	3,33	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
5 + 7 + 9[2] + 15 + 18	1,03	1,30	1,82	2,60	3,25	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,20 + 1,60	1,24	1,56	2,18	3,12	3,90	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 7 + 9[2] + 15 + 21	0,97	1,22	1,71	2,44	3,66	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,80 + 1,10 + 1,50	1,17	1,46	2,05	2,93	4,39	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 7 + 9[2] + 15 + 24	0,92	1,15	1,61	2,30	4,02	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,00 + 1,50	1,10	1,38	1,93	2,76	4,83	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
5 + 7 + 9[2] + 18 + 18	0,97	1,22	1,71	3,05	3,05	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,80 + 1,10 + 1,70	1,17	1,46	2,05	3,66	3,66	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 7 + 9[2] + 18 + 21	0,92	1,15	1,61	2,87	3,45	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,70 + 1,00 + 1,70	1,10	1,38	1,93	3,45	4,14	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 7 + 12 + 12 + 12	1,21	1,53	2,42	2,42	2,42	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,80 + 1,00 + 1,50 + 1,50	1,45	1,82	2,91	2,91	2,91	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.150)	1.430	13,40
5 + 7 + 12 + 12 + 15	1,13	1,43	2,29	2,29	2,86	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 0,90 + 1,50 + 1,50	1,37	1,71	2,74	2,74	3,44	12,00 (3,40 - 14,50)	4,21 A			2.850 (600 - 4.200)	1.425	13,40
5 + 7 + 12 + 12 + 18	1,07	1,33	2,13	2,13	3,34	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,80 + 1,40 + 1,40	1,28	1,60	2,56	2,56	4,00	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 7 + 12 + 12 + 21	1,00	1,25	2,00	2,00	3,75	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,80 + 1,30 + 1,30	1,20	1,50	2,40	2,40	4,50	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 7 + 12 + 12 + 24	0,94	1,18	1,88	1,88	4,12	10,00 (2,90 - 11,50)	3,62 A			2.760 (670 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,20 + 1,20	1,13	1,41	2,26	2,26	4,94	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.190)	1.460	13,70
5 + 7 + 12 + 15 + 15	1,08	1,35	2,17	2,70	2,70	10,00 (2,90 - 11,50)	3,57 A			2.800 (570 - 3.700)	1.400	12,90	0,70 + 0,90 + 1,40 + 1,60	1,30	1,62	2,60	3,24	3,24	12,00 (3,40 - 14,50)	4,21 A			2.850 (620 - 4.190)	1.425	13,40
5 + 7 + 12 + 15 + 18	1,01	1,27	2,03	2,53	3,16	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,80 + 1,30 + 1,60	1,21	1,52	2,43	3,04	3,80	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 7 + 12 + 15 + 21	0,95	1,19	1,90	2,38	3,58	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,20 + 1,50	1,13	1,43	2,29	2,86	4,29	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 7 + 12 + 18 + 18	0,95	1,19	1,90	2,98	2,98	10,00 (2,90 - 11,50)	3,60 A			2.780 (760 - 3.580)	1.390	12,80	0,70 + 0,70 + 1,20 + 1,70	1,14	1,43	2,29	3,57	3,57	12,00 (3,40 - 14,50)	4,04 A			2.970 (850 - 4.210)	1.485	14,00

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW

Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
5 Rooms																									
5 + 7 + 15 + 15 + 15	1,03	1,29	2,56	2,56	2,56	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,70 + 0,80 + 1,60 + 1,60	1,22	1,54	3,08	3,08	3,08	12,00 (3,40 - 14,50)	4,23 A			2.840 (620 - 4.180)	1.420	13,30
5 + 7 + 15 + 15 + 18	0,96	1,20	2,41	2,41	3,02	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,50 + 1,50	1,16	1,45	2,89	2,89	3,61	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
5 + 9[1] + 9[1] + 9[1] + 9[1]	1,36	2,16	2,16	2,16	2,16	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,90 + 1,40 + 1,40 + 1,40	1,64	2,59	2,59	2,59	2,59	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 9[1] + 9[1] + 9[1] + 9[2]	1,34	2,10	2,10	2,10	2,36	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,80 + 1,40 + 1,40 + 1,40	1,61	2,52	2,52	2,52	2,83	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 9[1] + 9[1] + 9[1] + 12	1,30	2,03	2,03	2,03	2,61	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,80 + 1,30 + 1,30 + 1,30	1,56	2,44	2,44	2,44	3,12	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 9[1] + 9[1] + 9[1] + 15	1,22	1,91	1,91	1,91	3,05	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,80 + 1,20 + 1,20 + 1,20	1,47	2,29	2,29	2,29	3,66	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 9[1] + 9[1] + 9[1] + 18	1,13	1,77	1,77	1,77	3,56	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,10 + 1,10 + 1,10	1,35	2,13	2,13	2,13	4,26	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[1] + 9[1] + 9[1] + 21	1,05	1,66	1,66	1,66	3,97	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,10 + 1,10 + 1,10	1,26	1,99	1,99	1,99	4,77	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[1] + 9[1] + 9[1] + 24	0,99	1,55	1,55	1,55	4,36	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,00	1,19	1,86	1,86	1,86	5,23	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 9[1] + 9[1] + 9[2] + 9[2]	1,30	2,05	2,05	2,30	2,30	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,80 + 1,30 + 1,30 + 1,50	1,58	2,46	2,46	2,75	2,75	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 9[1] + 9[1] + 9[2] + 12	1,27	1,98	1,98	2,22	2,55	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,80 + 1,30 + 1,30 + 1,40	1,52	2,38	2,38	2,67	3,05	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 9[1] + 9[1] + 9[2] + 15	1,18	1,87	1,87	2,09	2,99	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,70 + 1,20 + 1,20 + 1,40	1,43	2,24	2,24	2,51	3,58	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 9[1] + 9[1] + 9[2] + 18	1,11	1,74	1,74	1,94	3,47	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,10 + 1,10 + 1,30	1,33	2,08	2,08	2,33	4,18	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[1] + 9[1] + 9[2] + 21	1,04	1,62	1,62	1,82	3,90	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,00 + 1,00 + 1,20	1,24	1,95	1,95	2,18	4,68	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[1] + 9[1] + 9[2] + 24	0,98	1,52	1,52	1,71	4,27	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,10	1,17	1,83	1,83	2,05	5,12	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 9[1] + 9[1] + 12 + 12	1,24	1,92	1,92	2,46	2,46	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,20 + 1,20 + 1,50	1,48	2,31	2,31	2,95	2,95	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 9[1] + 9[1] + 12 + 15	1,16	1,81	1,81	2,32	2,90	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,20 + 1,20 + 1,50	1,39	2,17	2,17	2,78	3,49	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 9[1] + 9[1] + 12 + 18	1,08	1,69	1,69	2,16	3,38	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 1,10 + 1,10 + 1,40	1,30	2,03	2,03	2,59	4,05	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 9[1] + 9[1] + 12 + 21	1,01	1,58	1,58	2,03	3,80	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 1,00 + 1,00 + 1,30	1,21	1,90	1,90	2,43	4,56	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 9[1] + 9[1] + 12 + 24	0,95	1,49	1,49	1,90	4,17	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,90 + 0,90 + 1,20	1,13	1,79	1,79	2,29	5,00	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 9[1] + 9[1] + 15 + 15	1,10	1,71	1,71	2,74	2,74	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,10 + 1,10 + 1,60	1,32	2,05	2,05	3,29	3,29	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
5 + 9[1] + 9[1] + 15 + 18	1,03	1,60	1,60	2,56	3,21	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,60	1,23	1,92	1,92	3,08	3,85	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 9[1] + 9[1] + 15 + 21	0,96	1,51	1,51	2,41	3,61	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,50	1,15	1,81	1,81	2,89	4,34	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 9[1] + 9[1] + 18 + 18	0,96	1,51	1,51	3,01	3,01	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 1,00 + 1,00 + 1,70	1,16	1,81	1,81	3,61	3,61	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 9[1] + 9[2] + 9[2] + 9[2]	1,28	2,00	2,24	2,24	2,24	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,80 + 1,30 + 1,50 + 1,50	1,53	2,40	2,69	2,69	2,69	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 9[1] + 9[2] + 9[2] + 12	1,24	1,94	2,17	2,17	2,48	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,80 + 1,30 + 1,40 + 1,40	1,49	2,33	2,60	2,60	2,98	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 9[1] + 9[2] + 9[2] + 15	1,17	1,82	2,04	2,04	2,93	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,70 + 1,20 + 1,30 + 1,30	1,40	2,19	2,45	2,45	3,51	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 9[1] + 9[2] + 9[2] + 18	1,09	1,70	1,90	1,90	3,41	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,10 + 1,20 + 1,20	1,30	2,04	2,29	2,29	4,08	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[1] + 9[2] + 9[2] + 21	1,02	1,59	1,78	1,78	3,83	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,00 + 1,10 + 1,10	1,22	1,91	2,14	2,14	4,59	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[1] + 9[2] + 9[2] + 24	0,95	1,50	1,68	1,68	4,19	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,10 + 1,10	1,15	1,80	2,01	2,01	5,03	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 9[1] + 9[2] + 12 + 12	1,19	1,88	2,11	2,41	2,41	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,20 + 1,40 + 1,50	1,43	2,26	2,53	2,89	2,89	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 9[1] + 9[2] + 12 + 15	1,13	1,77	1,99	2,27	2,84	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,10 + 1,30 + 1,50	1,36	2,13	2,38	2,72	3,41	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 9[1] + 9[2] + 12 + 18	1,06	1,66	1,85	2,12	3,31	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 1,10 + 1,20 + 1,40	1,27	1,99	2,23	2,54	3,97	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 9[1] + 9[2] + 12 + 21	0,99	1,55	1,74	1,99	3,73	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 1,00 + 1,10 + 1,30	1,19	1,86	2,09	2,39	4,47	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 9[1] + 9[2] + 12 + 24	0,94	1,46	1,64	1,87	4,09	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,90 + 1,00 + 1,20	1,12	1,75	1,96	2,25	4,92	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 9[1] + 9[2] + 15 + 15	1,07	1,68	1,89	2,68	2,68	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,10 + 1,20 + 1,60	1,29	2,01	2,26	3,22	3,22	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
5 + 9[1] + 9[2] + 15 + 18	1,01	1,57	1,76	2,52	3,14	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,10 + 1,50	1,21	1,89	2,11	3,02	3,77	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 9[1] + 9[2] + 15 + 21	0,94	1,48	1,66	2,37	3,55	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 0,90 + 1,10 + 1,50	1,13	1,78	1,99	2,84	4,26	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 9[1] + 9[2] + 18 + 18	0,94	1,48	1,66	2,96	2,96	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 0,90 + 1,10 + 1,70	1,13	1,78	1,99	3,55	3,55	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 9[1] + 12 + 12 + 12	1,16	1,82	2,34	2,34	2,34	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 1,20 + 1,50 + 1,50	1,40	2,20	2,80	2,80	2,80	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.150)	1.430	13,40
5 + 9[1] + 12 + 12 + 15	1,10	1,72	2,21	2,21	2,76	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 1,10 + 1,40 + 1,40	1,32	2,07	2,65	2,65	3,31	12,00 (3,40 - 14,50)	4,21 A			2.850 (600 - 4.200)	1.425	13,40
5 + 9[1] + 12 + 12 + 18	1,03	1,61	2,06	2,06	3,24	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,30 + 1,30	1,23	1,94	2,48	2,48	3,87	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 9[1] + 12 + 12 + 21	0,96	1,52	1,94	1,94	3,64	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,30 + 1,30	1,16	1,82	2,33	2,33	4,36	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 9[1] + 12 + 12 + 24	0,91	1,43	1,83	1,83	4,00	10,00 (2,90 - 11,50)	3,62 A			2.760 (670 - 3.640)	1.380	12,70	0,70 + 0,90 + 1,20 + 1,20	1,10	1,71	2,19	2,19	4,81	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.190)	1.460	13,70
5 + 9[1] + 12 + 15 + 15	1,05	1,63	2,10	2,61	2,61	10,00 (2,90 - 11,50)	3,57 A			2.800 (570 - 3.700)	1.400	12,90	0,70 + 1,00 + 1,40 + 1,60	1,25	1,96	2,51	3,14	3,14	12,00 (3,40 - 14,50)	4,21 A			2.850 (620 - 4.190)	1.425	13,40
5 + 9[1] + 12 + 15 + 18	0,98	1,53	1,96	2,45	3,08	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,30 + 1,50	1,18	1,84	2,36	2,94	3,68	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 9[1] + 12 + 15 + 21	0,92	1,45	1,85	2,31	3,47	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,90 + 1,20 + 1,50	1,11	1,73	2,22	2,77	4,17	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 9[1] + 12 + 18 + 18	0,92	1,45	1,85	2,89	2,89	10,00 (2,90 - 11,50)	3,60 A			2.780 (760 - 3.580)	1.390	12,80	0,70 + 0,90 + 1,20 + 1,70	1,11	1,73	2,22	3,47	3,47	12,00 (3,40 - 14,50)	4,04 A			2.970 (850 - 4.210)	1.485	14,00
5 + 9[1] + 15 + 15 + 15	0,99	1,57	2,48	2,48	2,48	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,70 + 1,00 + 1,50 + 1,50	1,19	1,87	2,98	2,98	2,98	12,00 (3,40 - 14,50)	4,23 A			2.840 (620 - 4.180)	1.420	13,30
5 + 9[1] + 15 + 15 + 18	0,94	1,46	2,34	2,34	2,92	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,90 + 1,50 + 1,50	1,12	1,75	2,81	2,81	3,51	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
5 + 9[2] + 9[2] + 9[2] + 9[2]	1,24	2,19	2,19	2,19	2,19	10,00 (2,90 - 11,50)	3,50 A			2.860 (520 - 3.860)	1.430	13,20	0,80 + 1,40 + 1,40 + 1,40	1,48	2,63	2,63	2,63	2,63	12,00 (3,40 - 14,50)	4,18 A			2.870 (530 - 4.250)	1.435	13,50
5 + 9[2] + 9[2] + 9[2] + 12	1,21	2,12	2,12	2,12	2,43	10,00 (2,90 - 11,50)	3,48 A			2.870 (550 - 3.780)	1.435	13,20	0,80 + 1,40 + 1,40 + 1,40	1,44	2,55	2,55	2,55	2,91	12,00 (3,40 - 14,50)	4,21 A			2.850 (550 - 4.210)	1.425	13,40
5 + 9[2] + 9[2] + 9[2] + 15	1,14	2,00	2,00	2,00	2,86	10,00 (2,90 - 11,50)	3,58 A			2.790 (550 - 3.780)	1.395	12,90	0,70 + 1,30 + 1,30 + 1,30	1,37	2,40	2,40	2,40	3,43	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
5 + 9[2] + 9[2] + 9[2] + 18	1,06	1,87	1,87	1,87	3,33	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,20 + 1,20 + 1,20	1,28	2,24	2,24	2,24	4,00	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[2] + 9[2] + 9[2] + 21	1,00	1,75	1,75	1,75	3,75	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,70 + 1,10 + 1,10 + 1,10	1,20	2,10	2,10	2,10	4,50	12,00 (3,40 - 14,50)	4,20 A			2.860 (660 - 4.130)	1.430	13,40
5 + 9[2] + 9[2] + 9[2] + 24	0,93	1,65	1,65	1,65	4,12	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,10 + 1,10 + 1,10	1,12	1,98	1,98	1,98	4,94	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
5 + 9[2] + 9[2] + 12 + 12	1,18	2,06	2,06	2,35	2,35	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,30 + 1,30 + 1,50	1,42	2,47	2,47	2,82	2,82	12,00 (3,40 - 14,50)	4,24 A			2.830 (580 - 4.180)	1.415	13,30
5 + 9[2] + 9[2] + 12 + 15	1,11	1,94	1,94	2,22	2,79	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,30 + 1,30 + 1,40	1,33	2,33	2,33	2,67	3,34	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
5 + 9[2] + 9[2] + 12 + 18	1,03	1,82	1,82	2,08	3,25	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 1,20 + 1,20 + 1,30	1,25	2,18	2,18	2,49	3,90	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 9[2] + 9[2] + 12 + 21	0,97	1,71	1,71	1,95	3,66	10,00 (2,90 - 11,50)	3,55 A			2.820 (650 - 3.630)	1.410	13,00	0,70 + 1,10 + 1,10 + 1,30	1,17	2,05	2,05	2,34	4,39	12,00 (3,40 - 14,50)	4,14 A			2.900 (690 - 4.160)	1.450	13,60
5 + 9[2] + 9[2] + 12 + 24	0,92	1,61	1,61	1,84	4,02	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,20	1,10	1,93	1,93	2,21	4,83	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.150)	1.445	13,60
5 + 9[2] + 9[2] + 15 + 15	1,06	1,84	1,84	2,63	2,63	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,70 + 1,20 + 1,20 + 1,60	1,26	2,21	2,21	3,16	3,16	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
5 + 9[2] + 9[2] + 15 + 18	0,98	1,73	1,73	2,47	3,09	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,10 + 1,10 + 1,50	1,19	2,07	2,07	2,96	3,71	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 9[2] + 9[2] + 15 + 21	0,92	1,63	1,63	2,33	3,49	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,50	1,12	1,95	1,95	2,79	4,19	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
5 + 9[2] + 9[2] + 18 + 18	0,92	1,63	1,63	2,91	2,91	10,00 (2,90 - 11,50)	3,60 A			2.780 (720 - 3.580)	1.390	12,80	0,70 + 1,00 + 1,00 + 1,70	1,12	1,95	1,95	3,49	3,49	12,00 (3,40 - 14,50)	4,03 A			2.980 (820 - 4.170)	1.490	14,00
5 + 9[2] + 12 + 12 + 12	1,13	2,00	2,29	2,29	2,29	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 1,30 + 1,50 + 1,50	1,37	2,41	2,74	2,74	2,74	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.150)	1.430	13,40
5 + 9[2] + 12 + 12 + 15	1,08	1,89	2,16	2,16	2,71	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,70 + 1,20 + 1,40 + 1,40	1,30	2,27	2,59	2,59	3,25	12,00 (3,40 - 14,50)	4,21 A			2.850 (600 - 4.200)	1.425	13,40
5 + 9[2] + 12 + 12 + 18	1,01	1,77	2,03	2,03	3,16	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,10 + 1,30 + 1,30	1,21	2,13	2,43	2,43	3,80	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 9[2] + 12 + 12 + 21	0,95	1,67	1,90	1,90	3,58	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,10 + 1,20 + 1,20	1,13	2,00	2,29	2,29	4,29	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.140)	1.440	13,50
5 + 9[2] + 12 + 15 + 15	1,03	1,79	2,06	2,56	2,56	10,00 (2,90 - 11,50)	3,57 A			2.800 (570 - 3.700)	1.400	12,90	0,70 + 1,20 + 1,30 + 1,60	1,23	2,15	2,46	3,08	3,08	12,00 (3,40 - 14,50)	4,21 A			2.850 (620 - 4.190)	1.425	13,40
5 + 9[2] + 12 + 15 + 18	0,96	1,69	1,93	2,41	3,01	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,10 + 1,20 + 1,50	1,16	2,02	2,31	2,89	3,62	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
5 + 9[2] + 15 + 15 + 15	0,97	1,71	2,44	2,44	2,44	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,70 + 1,10 + 1,50 + 1,50	1,16	2,05	2,93	2,93	2,93	12,00 (3,40 - 14,50)	4,23 A			2.840 (620 - 4.180)	1.420	13,30
5 + 9[2] + 15 + 15 + 18	0,92	1,61	2,30	2,30	2,87	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 1,00 + 1,50 + 1,50	1,10	1,93	2,76	2,76	3,45	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
5 + 12 + 12 + 12 + 12	1,12	2,22	2,22	2,22	2,22	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,70 + 1,40 + 1,40 + 1,40	1,32	2,67	2,67	2,67	2,67	12,00 (3,40 - 14,50)	4,23 A			2.840 (620 - 4.180)	1.420	13,30
5 + 12 + 12 + 12 + 15	1,04	2,11	2,11	2,11	2,63	10,00 (2,90 - 11,50)	3,56 A			2.810 (600 - 3.700)	1.405	13,00	0,70 + 1,40 + 1,40 + 1,40	1,25	2,53	2,53	2,53	3,16	12,00 (3,40 - 14,50)	4,17 A			2.880 (630 - 4.170)	1.440	13,50
5 + 12 + 12 + 12 + 18	0,97	1,98	1,98	1,98	3,09	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 1,30 + 1,30 + 1,30	1,19	2,37	2,37	2,37	3,70	12,00 (3,40 - 14,50)	4,11 A			2.920 (750 - 4.170)	1.460	13,70
5 + 12 + 12 + 12 + 21	0,93	1,86	1,86	1,86	3,49	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 1,20 + 1,20 + 1,20	1,12	2,23	2,23	2,23	4,19	12,00 (3,40 - 14,50)	4,11 A			2.920 (750 - 4.170)	1.460	13,70
5 + 12 + 12 + 15 + 15	1,00	2,00	2,00	2,50	2,50	10,00 (2,90 - 11,50)	3,56 A			2.810 (600 - 3.700)	1.405	13,00	0,70 + 1,30 + 1,30 + 1,50	1,20	2,40	2,40	3,00	3,00	12,00 (3,40 - 14,50)	4,17 A			2.880 (630 - 4.160)	1.440	13,50
5 + 12 + 12 + 15 + 18	0,94	1,88	1,88	2,35	2,95	10,00 (2,90 - 11,50)	3,62 A			2.760 (670 - 3.640)	1.380	12,70	0,70 + 1,20 + 1,20 + 1,50	1,13	2,26	2,26	2,82	3,53	12,00 (3,40 - 14,50)	4,12 A			2.910 (750 - 4.160)	1.455	13,70
5 + 12 + 15 + 15 + 15	0,95	1,91	2,38	2,38	2,38	10,00 (2,90 - 11,50)	3,56 A			2.810 (600 - 3.710)	1.405	13,00	0,70 + 1,20 + 1,50 + 1,50	1,13	2,29	2,86	2,86	2,86	12,00 (3,40 - 14,50)	4,18 A			2.870 (650 - 4.140)	1.435	13,50
7 + 7 + 7 + 7 + 7	2,00	2,00	2,00	2,00	2,00	10,00 (2,90 - 11,50)	3,50 A	6,40 A++[3]	10,00	2.860 (550 - 3.860)	547	13,20	1,30 + 1,30 + 1,30 + 1,30	2,40	2,40	2,40	2,40	2,40	12,00 (3,40 - 14,50)	4,20 A	4,00 A+[3]	10,00	2.860 (530 - 4.240)	3.500	13,40
7 + 7 + 7 + 7 + 9[1]	1,90	1,90	1,90	1,90	2,40	10,00 (2,90 - 11,50)	3,50 A	6,40 A++[3]	10,00	2.860 (550 - 3.860)	547	13,20	1,20 + 1,20 + 1,20 + 1,20	2,29	2,29	2,29	2,29	2,84	12,00 (3,40 - 14,50)	4,20 A	4,00 A+[3]	10,00	2.860 (530 - 4.240)	3.500	13,40
7 + 7 + 7 + 7 + 9[2]	1,85	1,85	1,85	1,85	2,60	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,20 + 1,20 + 1,20 + 1,20	2,22	2,22	2,22	2,22	3,12	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 7 + 7 + 12	1,79	1,79	1,79	1,79	2,84	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,20	2,14	2,14	2,14	2,14	3,44	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 7 + 7 + 7 + 15	1,67	1,67	1,67	1,67	3,32	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,10 + 1,10	2,00	2,00	2,00	2,00	4,00	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 7 + 7 + 7 + 18	1,54	1,54	1,54	1,54	3,84	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,00 + 1,00	1,85	1,85	1,85	1,85	4,60	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 7 + 7 + 21	1,43	1,43	1,43	1,43	4,28	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 0,90 + 0,90	1,71	1,71	1,71	1,71	5,16	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 7 + 7 + 24	1,33	1,33	1,33	1,33	4,68	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 0,80 + 0,80	1,60	1,60	1,60	1,60	5,60	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 7 + 7 + 9[1] + 9[1]	1,82	1,82	1,82	2,27	2,27	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,20 + 1,20 + 1,20 + 1,50	2,18	2,18	2,18	2,73	2,73	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 7 + 9[1] + 9[2]	1,77	1,77	1,77	2,21	2,48	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,10 + 1,10 + 1,10 + 1,40	2,12	2,12	2,12	2,65	2,99	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 7 + 9[1] + 12	1,71	1,71	1,71	2,13	2,74	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,10 + 1,40	2,05	2,05	2,05	2,56	3,29	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 7 + 7 + 9[1] + 15	1,60	1,60	1,60	2,00	3,20	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,00 + 1,30	1,92	1,92	1,92	2,40	3,84	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 7 + 7 + 9[1] + 18	1,48	1,48	1,48	1,85	3,71	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 0,90 + 1,20	1,78	1,78	1,78	2,22	4,44	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 7 + 9[1] + 21	1,38	1,38	1,38	1,72	4,14	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 0,90 + 1,10	1,66	1,66	1,66	2,05	4,97	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 7 + 9[1] + 24	1,29	1,29	1,29	1,61	4,52	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 0,80 + 1,00	1,55	1,55	1,55	1,93	5,42	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 7 + 7 + 9[2] + 9[2]	1,72	1,72	1,72	2,42	2,42	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,10 + 1,10 + 1,10 + 1,50	2,06	2,06	2,06	2,91	2,91	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 7 + 9[2] + 12	1,67	1,67	1,67	2,32	2,67	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,10 + 1,50	2,00	2,00	2,00	2,80	3,20	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 7 + 7 + 9[2] + 15	1,56	1,56	1,56	2,19	3,13	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,00 + 1,40	1,88	1,88	1,88	2,61	3,75	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 7 + 7 + 9[2] + 18	1,45	1,45	1,45	2,03	3,62	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 0,90 + 1,30	1,74	1,74	1,74	2,43	4,35	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 7 + 9[2] + 21	1,35	1,35	1,35	1,89	4,06	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 0,90 + 1,20	1,62	1,62	1,62	2,27	4,87	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 7 + 9[2] + 24	1,27	1,27	1,27	1,76	4,43	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 0,80 + 1,10	1,52	1,52	1,52	2,12	5,32	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 7 + 7 + 12 + 12	1,60	1,60	1,60	2,60	2,60	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,00 + 1,60	1,94	1,94	1,94	3,09	3,09	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
7 + 7 + 7 + 12 + 15	1,52	1,52	1,52	2,41	3,03	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,00 + 1,50	1,82	1,82	1,82	2,90	3,64	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 7 + 7 + 12 + 18	1,41	1,41	1,41	2,25	3,52	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,90 + 0,90 + 0,90 + 1,50	1,69	1,69	1,69	2,70	4,23	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 7 + 7 + 12 + 21	1,32	1,32	1,32	2,09	3,95	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 0,80 + 0,80 + 1,40	1,58	1,58	1,58	2,52	4,74	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 7 + 7 + 12 + 24	1,23	1,23	1,23	1,98	4,33	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,80 + 0,80 + 0,80 + 1,30	1,48	1,48	1,48	2,37	5,19	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
7 + 7 + 7 + 15 + 15	1,42	1,42	1,42	2,87	2,87	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 0,90 + 0,90 + 1,70	1,72	1,72	1,72	3,42	3,42	12,00 (3,40 - 14,50)	4,20 A			2.860 (600 - 4.140)	1.430	13,40

Free Multi combinations table

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW

Indoor unit capacity	Cooling capacity (kW) Rooms						EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms						COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)	A	B	C	D	E	Total (Min - Max)	W/W	W/W	kWh	W	kWh	230V (A)
5 Rooms																									
7 + 7 + 7 + 15 + 18	1,33	1,33	1,33	2,67	3,34	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 0,80 + 1,60	1,60	1,60	1,60	3,20	4,00	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 7 + 7 + 15 + 21	1,25	1,25	1,25	2,50	3,75	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 0,80 + 1,50	1,50	1,50	1,50	3,00	4,50	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 7 + 7 + 15 + 24	1,18	1,18	1,18	2,34	4,12	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 0,70 + 1,50	1,41	1,41	1,41	2,82	4,95	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.190)	1.440	13,50
7 + 7 + 7 + 18 + 18	1,24	1,24	1,24	3,14	3,14	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,80 + 0,80 + 0,80 + 1,80	1,50	1,50	1,50	3,75	3,75	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 7 + 7 + 18 + 21	1,18	1,18	1,18	2,93	3,53	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,70 + 0,70 + 0,70 + 1,70	1,41	1,41	1,41	3,53	4,24	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 7 + 9^1 + 9^1 + 9^1	1,73	1,73	2,18	2,18	2,18	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,10 + 1,10 + 1,40 + 1,40	2,10	2,10	2,60	2,60	2,60	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 9^1 + 9^1 + 9^2	1,69	1,69	2,12	2,12	2,38	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,10 + 1,10 + 1,40 + 1,40	2,03	2,03	2,54	2,54	2,86	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 9^1 + 9^1 + 12	1,64	1,64	2,05	2,05	2,62	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,30 + 1,30	1,97	1,97	2,46	2,46	3,14	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 7 + 9^1 + 9^1 + 15	1,54	1,54	1,92	1,92	3,08	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,20 + 1,20	1,85	1,85	2,31	2,31	3,68	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 7 + 9^1 + 9^1 + 18	1,43	1,43	1,79	1,79	3,56	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 1,20 + 1,20	1,71	1,71	2,14	2,14	4,30	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 9^1 + 9^1 + 21	1,33	1,33	1,67	1,67	4,00	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,10 + 1,10	1,60	1,60	2,00	2,00	4,80	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 9^1 + 9^1 + 24	1,25	1,25	1,56	1,56	4,38	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,00 + 1,00	1,50	1,50	1,88	1,88	5,24	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 7 + 9^1 + 9^2 + 9^2	1,65	1,65	2,08	2,31	2,31	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,10 + 1,10 + 1,30 + 1,50	1,98	1,98	2,48	2,78	2,78	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 9^1 + 9^2 + 12	1,60	1,60	2,00	2,24	2,56	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,30 + 1,50	1,92	1,92	2,40	2,69	3,07	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 7 + 9^1 + 9^2 + 15	1,50	1,50	1,88	2,11	3,01	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,20 + 1,40	1,80	1,80	2,26	2,53	3,61	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 7 + 9^1 + 9^2 + 18	1,40	1,40	1,74	1,96	3,50	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 1,10 + 1,30	1,68	1,68	2,09	2,35	4,20	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 9^1 + 9^2 + 21	1,31	1,31	1,63	1,83	3,92	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,00 + 1,20	1,57	1,57	1,95	2,20	4,71	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 9^1 + 9^2 + 24	1,23	1,23	1,53	1,72	4,29	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,00 + 1,10	1,47	1,47	1,84	2,06	5,16	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 7 + 9^1 + 12 + 12	1,55	1,55	1,94	2,48	2,48	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,30 + 1,50	1,86	1,86	2,32	2,98	2,98	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
7 + 7 + 9^1 + 12 + 15	1,46	1,46	1,82	2,34	2,92	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 0,90 + 1,20 + 1,50	1,75	1,75	2,19	2,80	3,51	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 7 + 9^1 + 12 + 18	1,36	1,36	1,70	2,18	3,40	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,90 + 0,90 + 1,10 + 1,40	1,63	1,63	2,04	2,61	4,09	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 7 + 9^1 + 12 + 21	1,27	1,27	1,60	2,04	3,82	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 0,80 + 1,00 + 1,30	1,53	1,53	1,90	2,45	4,59	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 7 + 9^1 + 12 + 24	1,20	1,20	1,49	1,92	4,19	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 0,90 + 1,20	1,44	1,44	1,79	2,30	5,03	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
7 + 7 + 9^1 + 15 + 15	1,38	1,38	1,72	2,76	2,76	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 0,90 + 1,10 + 1,60	1,66	1,66	2,06	3,31	3,31	12,00 (3,40 - 14,50)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 7 + 9^1 + 15 + 18	1,29	1,29	1,61	2,58	3,23	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,00 + 1,60	1,55	1,55	1,93	3,10	3,87	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 7 + 9^1 + 15 + 21	1,21	1,21	1,52	2,42	3,64	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,00 + 1,50	1,45	1,45	1,82	2,91	4,37	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 7 + 9^1 + 15 + 24	1,14	1,14	1,43	2,29	4,00	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 0,90 + 1,50	1,37	1,37	1,71	2,74	4,81	12,00 (3,40 - 14,50)	4,17 A			2.880 (720 - 4.190)	1.440	13,50
7 + 7 + 9^1 + 18 + 18	1,21	1,21	1,52	3,03	3,03	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,80 + 0,80 + 1,00 + 1,70	1,45	1,45	1,82	3,64	3,64	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 7 + 9^1 + 18 + 21	1,14	1,14	1,43	2,86	3,43	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,70 + 0,70 + 0,90 + 1,70	1,37	1,37	1,71	3,43	4,12	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 7 + 9^2 + 9^2 + 9^2	1,61	1,61	2,26	2,26	2,26	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,00 + 1,00 + 1,50 + 1,50	1,95	1,95	2,70	2,70	2,70	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 7 + 9^2 + 9^2 + 12	1,56	1,56	2,19	2,19	2,50	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,40 + 1,40	1,88	1,88	2,63	2,63	2,98	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 7 + 9^2 + 9^2 + 15	1,47	1,47	2,06	2,06	2,94	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 0,90 + 1,30 + 1,30	1,76	1,76	2,47	2,47	3,54	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 7 + 9^2 + 9^2 + 18	1,37	1,37	1,92	1,92	3,42	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 0,90 + 1,20 + 1,20	1,64	1,64	2,30	2,30	4,12	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 9^2 + 9^2 + 21	1,28	1,28	1,79	1,79	3,86	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 0,80 + 1,20 + 1,20	1,54	1,54	2,15	2,15	4,62	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 7 + 9^2 + 9^2 + 24	1,20	1,20	1,69	1,69	4,22	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,10 + 1,10	1,45	1,45	2,02	2,02	5,06	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 7 + 9^2 + 12 + 12	1,52	1,52	2,12	2,42	2,42	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,40 + 1,50	1,82	1,82	2,54	2,91	2,91	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
7 + 7 + 9^2 + 12 + 15	1,43	1,43	1,99	2,29	2,86	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 0,90 + 1,30 + 1,50	1,71	1,71	2,40	2,74	3,44	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 7 + 9^2 + 12 + 18	1,33	1,33	1,87	2,13	3,34	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 0,80 + 1,20 + 1,40	1,60	1,60	2,24	2,56	4,00	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 7 + 9^2 + 12 + 21	1,25	1,25	1,75	2,00	3,75	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 0,80 + 1,10 + 1,30	1,50	1,50	2,10	2,40	4,50	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 7 + 9^2 + 12 + 24	1,18	1,18	1,64	1,88	4,12	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,00 + 1,20	1,41	1,41	1,98	2,26	4,94	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
7 + 7 + 9^2 + 15 + 15	1,35	1,35	1,90	2,70	2,70	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 0,90 + 1,20 + 1,60	1,62	1,62	2,28	3,24	3,24	12,00 (3,40 - 14,50)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 7 + 9^2 + 15 + 18	1,27	1,27	1,77	2,53	3,16	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,10 + 1,60	1,52	1,52	2,12	3,04	3,80	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 7 + 9^2 + 15 + 21	1,19	1,19	1,67	2,38	3,57	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,70 + 1,10 + 1,50	1,43	1,43	1,99	2,86	4,29	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 7 + 9^2 + 18 + 18	1,19	1,19	1,66	2,98	2,98	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,70 + 0,70 + 1,10 + 1,70	1,43	1,43	2,00	3,57	3,57	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 7 + 12 + 12 + 12	1,46	1,46	2,36	2,36	2,36	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,90 + 0,90 + 1,50 + 1,50	1,77	1,77	2,82	2,82	2,82	12,00 (3,40 - 14,50)	4,21 A			2.850 (600 - 4.200)	1.425	13,40
7 + 7 + 12 + 12 + 15	1,39	1,39	2,22	2,22	2,78	10,00 (2,90 - 11,50)	3,57 A			2.800 (570 - 3.700)	1.400	12,90	0,90 + 0,90 + 1,40 + 1,40	1,67	1,67	2,67	2,67	3,32	12,00 (3,40 - 14,50)	4,21 A			2.850 (620 - 4.190)	1.425	13,40
7 + 7 + 12 + 12 + 18	1,30	1,30	2,08	2,08	3,24	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,30 + 1,30	1,56	1,56	2,49	2,49	3,90	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
7 + 7 + 12 + 12 + 21	1,22	1,22	1,95	1,95	3,66	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,80 + 0,80 + 1,30 + 1,30	1,46	1,46	2,34	2,34	4,40	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
7 + 7 + 12 + 12 + 24	1,15	1,15	1,84	1,84	4,02	10,00 (2,90 - 11,50)	3,62 A			2.760 (700 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,20 + 1,20	1,38	1,38	2,21	2,21	4,82	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
7 + 7 + 12 + 15 + 15	1,32	1,32	2,10	2,63	2,63	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,80 + 0,80 + 1,40 + 1,60	1,58	1,58	2,52	3,16	3,16	12,00 (3,40 - 14,50)	4,23 A			2.840 (620 - 4.180)	1.420	13,30
7 + 7 + 12 + 15 + 18	1,23	1,23	1,98	2,47	3,09	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,80 + 0,80 + 1,30 + 1,50	1,48	1,48	2,37	2,96	3,71	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
7 + 7 + 12 + 15 + 21	1,16	1,16	1,86	2,33	3,49	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,20 + 1,50	1,40	1,40	2,22	2,79	4,19	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
7 + 7 + 12 + 18 + 18	1,16	1,16	1,86	2,91	2,91	10,00 (2,90 - 11,50)	3,58 A			2.790 (760 - 3.590)	1.395	12,90	0,70 + 0,70 + 1,20 + 1,70	1,40	1,40	2,22	3,49	3,49	12,00 (3,40 - 14,50)	3,97 A			3.020 (860 - 4.200)	1.510	14,20
7 + 7 + 15 + 15 + 15	1,25	1,25	2,50	2,50	2,50	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,80 + 0,80 + 1,50 + 1,50	1,50	1,50	3,00	3,00	3,00	12,00 (3,40 - 14,50)	4,17 A			2.880 (630 - 4.160)	1.440	13,50
7 + 7 + 15 + 15 + 18	1,18	1,18	2,35	2,35	2,94	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,70 + 1,50 + 1,50	1,41	1,41	2,82	2,82	3,54	12,00 (3,40 - 14,50)	4,11 A			2.920 (750 - 4.170)	1.460	13,70
7 + 9^1 + 9^1 + 9^1 + 9^1	1,68	2,08	2,08	2,08	2,08	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,10 + 1,30 + 1,30 + 1,30	2,00	2,50	2,50	2,50	2,50	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 9^1 + 9^1 + 9^1 + 9^2	1,63	2,03	2,03	2,03	2,28	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,00 + 1,30 + 1,30 + 1,30	1,95	2,44	2,44	2,44	2,73	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 9^1 + 9^1 + 9^1 + 12	1,57	1,97	1,97	1,97	2,52	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,30 + 1,30 + 1,30	1,89	2,36	2,36	2,36	3,03	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 9^1 + 9^1 + 9^1 + 15	1,48	1,85	1,85	1,85	2,97	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 1,20 + 1,20 + 1,20	1,78	2,22	2,22	2,22	3,56	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 9^1 + 9^1 + 9^1 + 18	1,38	1,72	1,72	1,72	3,46	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 1,10 + 1,10 + 1,10	1,65	2,07	2,07	2,07	4,14	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^1 + 9^1 + 9^1 + 21	1,29	1,61	1,61	1,61	3,88	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,00 + 1,00 + 1,00	1,53	1,94	1,94	1,94	4,65	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^1 + 9^1 + 9^1 + 24	1,20	1,52	1,52	1,52	4,24	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,00	1,45	1,82	1,82	1,82	5,09	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 9^1 + 9^1 + 9^2 + 9^2	1,60	1,98	1,98	2,22	2,22	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,00 + 1,30 + 1,30 + 1,40	1,90	2,38	2,38	2,67	2,67	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 9^1 + 9^1 + 9^2 + 12	1,54	1,92	1,92	2,15	2,47	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	1,00 + 1,20 + 1,20 + 1,40	1,85	2,31	2,31	2,58	2,95	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 9^1 + 9^1 + 9^2 + 15	1,45	1,81	1,81	2,03	2,90	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 1,20 + 1,20 + 1,30	1,74	2,17	2,17	2,43	3,49	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 9^1 + 9^1 + 9^2 + 18	1,35	1,69	1,69	1,89	3,38	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,90 + 1,10 + 1,10 + 1,20	1,62	2,03	2,03	2,27	4,05	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^1 + 9^1 + 9^2 + 21	1,27	1,58	1,58	1,77	3,80	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,00 + 1,00 + 1,10	1,51	1,90	1,90	2,13	4,56	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^1 + 9^1 + 9^2 + 24	1,19	1,49	1,49	1,67	4,16	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,90 + 0,90 + 1,10	1,42	1,79	1,79	2,00	5,00	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 9^1 + 9^1 + 12 + 12	1,48	1,87	1,87	2,39	2,39	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 1,20 + 1,20 + 1,50	1,78	2,24	2,24	2,87	2,87	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
7 + 9^1 + 9^1 + 12 + 15	1,41	1,76	1,76	2,25	2,82	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 1,10 + 1,10 + 1,50	1,69	2,11	2,11	2,70	3,39	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9^1 + 9^1 + 12 + 18	1,32	1,64	1,64	2,11	3,29	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 1,00 + 1,00 + 1,40	1,58	1,97	1,97	2,53	3,95	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 9^1 + 9^1 + 12 + 21	1,23	1,54	1,54	1,98	3,71	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 1,00 + 1,00 + 1,30	1,48	1,85	1,85	2,37	4,45	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 9^1 + 9^1 + 12 + 24	1,16	1,45	1,45	1,86	4,08	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,90 + 0,90 + 1,20	1,40	1,74	1,74	2,23	4,89	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
7 + 9^1 + 9^1 + 15 + 15	1,32	1,67	1,67	2,67	2,67	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,10 + 1,10 + 1,60	1,60	2,00	2,00	3,20	3,20	12,00 (3,40 - 14,50)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 9^1 + 9^1 + 15 + 18	1,25	1,56	1,56	2,50	3,13	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 1,00 + 1,00 + 1,50	1,49	1,88	1,88	3,00	3,75	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 9^1 + 9^1 + 15 + 21	1,18	1,47	1,47	2,35	3,53	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,90 + 0,90 + 1,50	1,41	1,76	1,76	2,82	4,25	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 9^1 + 9^1 + 18 + 18	1,18	1,47	1,47	2,94	2,94	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,70 + 0,90 + 0,90 + 1,70	1,42	1,76	1,76	3,53	3,53	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 9^1 + 9^2 + 9^2 + 9^2	1,55	1,94	2,17	2,17	2,17	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,00 + 1,30 + 1,40 + 1,40	1,86	2,34	2,60	2,60	2,60	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 9^1 + 9^2 + 9^2 + 12	1,49	1,88	2,11	2,11	2,41	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 1,20 + 1,40 + 1,40	1,79	2,26	2,53	2,53	2,89	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 9^1 + 9^2 + 9^2 + 15	1,41	1,77	1,99	1,99	2,84	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 1,10 + 1,30 + 1,30	1,70	2,13	2,38	2,38	3,41	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 9^1 + 9^2 + 9^2 + 18	1,32	1,66	1,85	1,85	3,32	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,10 + 1,20 + 1,20	1,58	1,99	2,23	2,23	3,97	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^1 + 9^2 + 9^2 + 21	1,24	1,55	1,74	1,74	3,73	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,00 + 1,10 + 1,10	1,49	1,86	2,09	2,09	4,47	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^1 + 9^2 + 9^2 + 24	1,17	1,46	1,64	1,64	4,09	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,90 + 1,00 + 1,00	1,40	1,75	1,96	1,96	4,93	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 9^1 + 9^2 + 12 + 12	1,46	1,82	2,04	2,34	2,34	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 1,20 + 1,30 + 1,50	1,75	2,19	2,46	2,80	2,80	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50
7 + 9^1 + 9^2 + 12 + 15	1,38	1,72	1,93	2,21	2,76	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 1,10 + 1,20 + 1,40	1,65	2,07	2,32	2,65	3,31	12,00 (3,40 - 14,50)	4,20 A			2.860 (590 - 4.160)	1.430	13,40
7 + 9^1 + 9^2 + 12 + 18	1,29	1,61	1,81	2,06	3,23	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,80 + 1,00 + 1,20 + 1,30	1,54	1,94	2,17	2,48	3,87	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 9^1 + 9^2 + 12 + 21	1,20	1,52	1,70	1,94	3,64	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,00 + 1,10 + 1,30	1,45	1,82	2,04	2,33	4,36	12,00 (3,40 - 14,50)	4,15 A			2.890 (690 - 4.150)	1.445	13,60
7 + 9^1 + 9^2 + 12 + 24	1,14	1,43	1,60	1,83	4,00	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,90 + 1,00 + 1,20	1,37	1,71	1,92	2,19	4,81	12,00 (3,40 - 14,50)	4,17 A			2.880 (710 - 4.140)	1.440	13,50
7 + 9^1 + 9^2 + 15 + 15	1,31	1,63	1,84	2,61	2,61	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,00 + 1,20 + 1,60	1,56	1,96	2,20	3,14	3,14	12,00 (3,40 - 14,50)	4,20 A			2.860 (600 - 4.140)	1.430	13,40
7 + 9^1 + 9^2 + 15 + 18	1,23	1,53	1,72	2,45	3,07	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,80 + 1,00 + 1,10 + 1,50	1,47	1,84	2,06	2,94	3,69	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 9^1 + 9^2 + 15 + 21	1,15	1,45	1,62	2,31	3,47	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 0,90 + 1,00 + 1,50	1,39	1,73	1,94	2,77	4,17	12,00 (3,40 - 14,50)	4,15 A			2.890 (700 - 4.140)	1.445	13,60
7 + 9^1 + 9^2 + 18 + 18	1,15	1,45	1,62	2,89	2,89	10,00 (2,90 - 11,50)	3,60 A			2.780 (750 - 3.580)	1.390	12,80	0,70 + 0,90 + 1,00 + 1,70	1,39	1,73	1,94	3,47	3,47	12,00 (3,40 - 14,50)	4,03 A			2.980 (830 - 4.220)	1.490	14,00
7 + 9^1 + 12 + 12 + 12	1,42	1,77	2,27	2,27	2,27	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.700)	1.400	12,90	0,90 + 1,10 + 1,50 + 1,50	1,70	2,14	2,72	2,72	2,72	12,00 (3,40 - 14,50)	4,21 A			2.850 (600 - 4.200)	1.425	13,40
7 + 9^1 + 12 + 12 + 15	1,34	1,68	2,15	2,15	2,68	10,00 (2,90 - 11,50)	3,57 A			2.800 (570 - 3.700)	1.400	12,90	0,80 + 1,10 + 1,40 + 1,40	1,61	2,01	2,58	2,58	3,22	12,00 (3,40 - 14,50)	4,21 A			2.850 (620 - 4.190)	1.425	13,40
7 + 9^1 + 12 + 12 + 18	1,26	1,57	2,01	2,01	3,15	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,80 + 1,00 + 1,30 + 1,30	1,50	1,89	2,42	2,42	3,77	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
7 + 9^1 + 12 + 12 + 21	1,18	1,48	1,89	1,89	3,56	10,00 (2,90 - 11,50)	3,64 A			2.750 (660 - 3.640)	1.375	12,70	0,70 + 0,90 + 1,20 + 1,20	1,42	1,78	2,27	2,27	4,26	12,00 (3,40 - 14,50)	4,10 A			2.930 (720 - 4.190)	1.465	13,80
7 + 9^1 + 12 + 15 + 15	1,27	1,59	2,04	2,55	2,55	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,80 + 1,00 + 1,30 + 1,60	1,52	1,91	2,45	3,06	3,06	12,00 (3,40 - 14,50)	4,23 A			2.840 (620 - 4.180)	1.420	13,30
7 + 9^1 + 12 + 15 + 18	1,19	1,50	1,92	2,40	2,99	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 1,00 + 1,20 + 1,50	1,44	1,80	2,30	2,87	3,59	12,00 (3,40 - 14,50)	4,11 A			2.920 (730 - 4.180)	1.460	13,70
7 + 9^1 + 15 + 15 + 15	1,21	1,53	2,42	2,42	2,42	10,00 (2,90 - 11,50)	3,57 A			2.800 (600 - 3.700)	1.400	12,90	0,80 + 1,00 + 1,50 + 1,50	1,45	1,82	2,91	2,91	2,91	12,00 (3,40 - 14,50)	4,17 A			2.880 (630 - 4.160)	1.440	13,50
7 + 9^1 + 15 + 15 + 18	1,13	1,43	2,29	2,29	2,86	10,00 (2,90 - 11,50)	3,62 A			2.760 (660 - 3.640)	1.380	12,70	0,70 + 0,90 + 1,50 + 1,50	1,37	1,71	2,74	2,74	3,44	12,00 (3,40 - 14,50)	4,11 A			2.920 (750 - 4.170)	1.460	13,70
7 + 9^2 + 9^2 + 9^2 + 9^2	1,52	2,12	2,12	2,12	2,12	10,00 (2,90 - 11,50)	3,50 A			2.860 (550 - 3.860)	1.430	13,20	1,00 + 1,40 + 1,40 + 1,40	1,80	2,55	2,55	2,55	2,55	12,00 (3,40 - 14,50)	4,20 A			2.860 (530 - 4.240)	1.430	13,40
7 + 9^2 + 9^2 + 9^2 + 12	1,47	2,06	2,06	2,06	2,35	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 1,30 + 1,30 + 1,30	1,76	2,47	2,47	2,47	2,83	12,00 (3,40 - 14,50)	4,23 A			2.840 (560 - 4.200)	1.420	13,30
7 + 9^2 + 9^2 + 9^2 + 15	1,39	1,94	1,94	1,94	2,79	10,00 (2,90 - 11,50)	3,57 A			2.800 (550 - 3.780)	1.400	12,90	0,90 + 1,30 + 1,30 + 1,30	1,67	2,33	2,33	2,33	3,34	12,00 (3,40 - 14,50)	4,24 A			2.830 (560 - 4.190)	1.415	13,30
7 + 9^2 + 9^2 + 9^2 + 18	1,29	1,82	1,82	1,82	3,25	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,20 + 1,20 + 1,20	1,56	2,18	2,18	2,18	3,90	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^2 + 9^2 + 9^2 + 21	1,21	1,71	1,71	1,71	3,66	10,00 (2,90 - 11,50)	3,56 A			2.810 (610 - 3.630)	1.405	13,00	0,80 + 1,10 + 1,10 + 1,10	1,46	2,05	2,05	2,05	4,39	12,00 (3,40 - 14,50)	4,20 A			2.860 (670 - 4.180)	1.430	13,40
7 + 9^2 + 9^2 + 9^2 + 24	1,15	1,61	1,61	1,61	4,02	10,00 (2,90 - 11,50)	3,64 A			2.750 (650 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,00 + 1,00	1,38	1,93	1,93	1,93	4,83	12,00 (3,40 - 14,50)	4,14 A			2.900 (680 - 4.170)	1.450	13,60
7 + 9^2 + 9^2 + 12 + 12	1,42	2,00	2,00	2,29	2,29	10,00 (2,90 - 11,50)	3,57 A			2.800 (560 - 3.780)	1.400	12,90	0,90 + 1,30 + 1,30 + 1,50	1,72	2,40	2,40	2,74	2,74	12,00 (3,40 - 14,50)	4,18 A			2.870 (580 - 4.170)	1.435	13,50

Free Multi 5x1 CU-5E34PBE. Minimum capacity connected: 4,5 kW. Maximum capacity connected: 17,5 kW

Indoor unit capacity	Cooling capacity (kW) Rooms A	B	C	D	E	Total (Min - Max)	EER	SEER	Pdesign	Input power rating	A.E.C.	Current	Moisture removal	Heating capacity (kW) Rooms A	B	C	D	E	Total (Min - Max)	COP	SCOP	Pdesign at -10°C	Input power rating	A.E.C.	Current
							W/W	W/W	kWh	W	kWh	230V (A)	Volume (l/h)							W/W	W/W	kWh	W	kWh	230V (A)
5 Rooms																									
7 + 9[2] + 9[2] + 12 + 15	1,35	1,89	1,89	2,16	2,71	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	0,90 + 1,20 + 1,20 + 1,40	1,62	2,27	2,27	2,59	3,25	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (590 - 4.160)	1.430	13,40
7 + 9[2] + 9[2] + 12 + 18	1,27	1,77	1,77	2,03	3,16	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	0,80 + 1,10 + 1,10 + 1,30	1,51	2,13	2,13	2,43	3,80	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
7 + 9[2] + 9[2] + 12 + 21	1,19	1,67	1,67	1,90	3,57	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	0,70 + 1,10 + 1,10 + 1,20	1,42	2,00	2,00	2,29	4,29	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
7 + 9[2] + 9[2] + 15 + 15	1,30	1,79	1,79	2,56	2,56	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	0,80 + 1,20 + 1,20 + 1,60	1,54	2,15	2,15	3,08	3,08	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (600 - 4.140)	1.430	13,40
7 + 9[2] + 9[2] + 15 + 18	1,20	1,69	1,69	2,41	3,01	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,70 + 1,10 + 1,10 + 1,50	1,45	2,02	2,02	2,89	3,62	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.140)	1.445	13,60
7 + 9[2] + 12 + 12 + 12	1,39	1,95	2,22	2,22	2,22	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.700)	1.400	12,90	0,90 + 1,30 + 1,40 + 1,40	1,66	2,33	2,67	2,67	2,67	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (600 - 4.200)	1.425	13,40
7 + 9[2] + 12 + 12 + 15	1,31	1,84	2,11	2,11	2,63	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (570 - 3.700)	1.400	12,90	0,80 + 1,20 + 1,40 + 1,40	1,57	2,21	2,53	2,53	3,16	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (620 - 4.190)	1.425	13,40
7 + 9[2] + 12 + 12 + 18	1,22	1,73	1,98	1,98	3,09	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,80 + 1,10 + 1,30 + 1,30	1,48	2,07	2,37	2,37	3,71	12,00 (3,40 - 14,50)	4,10 **A**			2.930 (720 - 4.190)	1.465	13,80
7 + 9[2] + 12 + 12 + 21	1,16	1,63	1,86	1,86	3,49	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,70 + 1,00 + 1,20 + 1,20	1,40	1,95	2,23	2,23	4,19	12,00 (3,40 - 14,50)	4,10 **A**			2.930 (720 - 4.190)	1.465	13,80
7 + 9[2] + 12 + 15 + 15	1,25	1,75	2,00	2,50	2,50	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	0,80 + 1,10 + 1,30 + 1,50	1,50	2,10	2,40	3,00	3,00	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (620 - 4.180)	1.420	13,30
7 + 9[2] + 12 + 15 + 18	1,18	1,65	1,88	2,35	2,94	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (660 - 3.640)	1.380	12,70	0,70 + 1,10 + 1,20 + 1,50	1,41	1,98	2,26	2,82	3,53	12,00 (3,40 - 14,50)	4,11 **A**			2.920 (730 - 4.180)	1.460	13,70
7 + 9[2] + 15 + 15 + 15	1,19	1,67	2,38	2,38	2,38	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	0,70 + 1,10 + 1,50 + 1,50	1,42	2,00	2,86	2,86	2,86	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
7 + 12 + 12 + 12 + 12	1,36	2,16	2,16	2,16	2,16	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.700)	1.405	13,00	0,90 + 1,40 + 1,40 + 1,40	1,64	2,59	2,59	2,59	2,59	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.170)	1.440	13,50
7 + 12 + 12 + 12 + 15	1,28	2,05	2,05	2,05	2,57	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.700)	1.405	13,00	0,80 + 1,30 + 1,30 + 1,30	1,54	2,46	2,46	2,46	3,08	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
7 + 12 + 12 + 12 + 18	1,20	1,93	1,93	1,93	3,01	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (670 - 3.640)	1.380	12,70	0,70 + 1,20 + 1,20 + 1,20	1,45	2,31	2,31	2,31	3,62	12,00 (3,40 - 14,50)	4,12 **A**			2.910 (750 - 4.160)	1.455	13,70
7 + 12 + 12 + 15 + 15	1,22	1,95	1,95	2,44	2,44	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.710)	1.405	13,00	0,80 + 1,30 + 1,30 + 1,50	1,46	2,34	2,34	2,93	2,93	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
7 + 12 + 12 + 15 + 18	1,15	1,84	1,84	2,30	2,87	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (670 - 3.640)	1.380	12,70	0,70 + 1,20 + 1,20 + 1,50	1,37	2,21	2,21	2,76	3,45	12,00 (3,40 - 14,50)	4,12 **A**			2.910 (760 - 4.150)	1.455	13,70
7 + 12 + 15 + 15 + 15	1,15	1,86	2,33	2,33	2,33	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.710)	1.405	13,00	0,70 + 1,20 + 1,50 + 1,50	1,40	2,23	2,79	2,79	2,79	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.130)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[1] + 9[1]	2,00	2,00	2,00	2,00	2,00	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,30 + 1,30 + 1,30 + 1,30	2,40	2,40	2,40	2,40	2,40	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[1] + 9[2]	1,95	1,95	1,95	1,95	2,20	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,30 + 1,30 + 1,30 + 1,30	2,34	2,34	2,34	2,34	2,64	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[1] + 12	1,89	1,89	1,89	1,89	2,44	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,20	2,27	2,27	2,27	2,27	2,92	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.200)	1.420	13,30
9[1] + 9[1] + 9[1] + 9[1] + 15	1,79	1,79	1,79	1,79	2,84	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,20	2,14	2,14	2,14	2,14	3,44	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (560 - 4.190)	1.415	13,30
9[1] + 9[1] + 9[1] + 9[1] + 18	1,67	1,67	1,67	1,67	3,32	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,10 + 1,10 + 1,10 + 1,10	2,00	2,00	2,00	2,00	4,00	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[1] + 21	1,56	1,56	1,56	1,56	3,76	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,00 + 1,00	1,88	1,88	1,88	1,88	4,48	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[1] + 24	1,47	1,47	1,47	1,47	4,12	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,90 + 0,90 + 0,90 + 0,90	1,76	1,76	1,76	1,76	4,96	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (680 - 4.170)	1.450	13,60
9[1] + 9[1] + 9[1] + 9[2] + 9[2]	1,90	1,90	1,90	2,15	2,15	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,20 + 1,20 + 1,20 + 1,40	2,30	2,30	2,30	2,55	2,55	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[2] + 12	1,85	1,85	1,85	2,07	2,38	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,30	2,22	2,22	2,22	2,49	2,85	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.200)	1.420	13,30
9[1] + 9[1] + 9[1] + 9[2] + 15	1,75	1,75	1,75	1,95	2,80	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,10 + 1,30	2,10	2,10	2,10	2,34	3,36	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (560 - 4.190)	1.415	13,30
9[1] + 9[1] + 9[1] + 9[2] + 18	1,63	1,63	1,63	1,83	3,28	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,00 + 1,20	1,96	1,96	1,96	2,20	3,92	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[2] + 21	1,53	1,53	1,53	1,72	3,69	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,00 + 1,10	1,84	1,84	1,84	2,06	4,42	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[1] + 9[1] + 9[2] + 24	1,45	1,45	1,45	1,60	4,05	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,90 + 0,90 + 0,90 + 1,00	1,73	1,73	1,73	1,94	4,87	12,00 (3,40 - 14,50)	4,14 **A**			2.900 (680 - 4.170)	1.450	13,60
9[1] + 9[1] + 9[1] + 12 + 12	1,80	1,80	1,80	2,30	2,30	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,50	2,16	2,16	2,16	2,76	2,76	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (580 - 4.170)	1.435	13,50
9[1] + 9[1] + 9[1] + 12 + 15	1,70	1,70	1,70	2,18	2,72	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,10 + 1,40	2,04	2,04	2,04	2,61	3,27	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[1] + 9[1] + 12 + 18	1,59	1,59	1,59	2,04	3,19	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	1,00 + 1,00 + 1,00 + 1,30	1,91	1,91	1,91	2,45	3,82	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[1] + 9[1] + 9[1] + 12 + 21	1,50	1,50	1,50	1,91	3,59	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	1,00 + 1,00 + 1,00 + 1,20	1,80	1,80	1,80	2,29	4,31	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[1] + 9[1] + 9[1] + 15 + 15	1,62	1,62	1,62	2,57	2,57	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,00 + 1,60	1,94	1,94	1,94	3,09	3,09	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (600 - 4.140)	1.430	13,40
9[1] + 9[1] + 9[1] + 15 + 18	1,52	1,52	1,52	2,41	3,03	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	1,00 + 1,00 + 1,00 + 1,50	1,82	1,82	1,82	2,90	3,64	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.140)	1.445	13,60
9[1] + 9[1] + 9[1] + 15 + 21	1,43	1,43	1,43	2,28	3,43	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,90 + 0,90 + 0,90 + 1,50	1,71	1,71	1,71	2,74	4,13	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.140)	1.445	13,60
9[1] + 9[1] + 9[1] + 18 + 18	1,42	1,42	1,42	2,87	2,87	10,00 (2,90 - 11,50)	3,60 **A**			2.780 (750 - 3.580)	1.390	12,80	0,90 + 0,90 + 0,90 + 1,70	1,72	1,72	1,72	3,42	3,42	12,00 (3,40 - 14,50)	4,03 **A**			2.980 (830 - 4.220)	1.490	14,00
9[1] + 9[1] + 9[2] + 9[2] + 9[2]	1,88	1,88	2,08	2,08	2,08	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,20 + 1,20 + 1,30 + 1,30	2,25	2,25	2,50	2,50	2,50	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
9[1] + 9[1] + 9[2] + 9[2] + 12	1,81	1,81	2,03	2,03	2,32	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,30 + 1,30	2,17	2,17	2,43	2,43	2,80	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.200)	1.420	13,30
9[1] + 9[1] + 9[2] + 9[2] + 15	1,71	1,71	1,92	1,92	2,74	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,20 + 1,20	2,05	2,05	2,30	2,30	3,30	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (560 - 4.190)	1.415	13,30
9[1] + 9[1] + 9[2] + 9[2] + 18	1,60	1,60	1,79	1,79	3,22	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,20 + 1,20	1,92	1,92	2,15	2,15	3,86	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[1] + 9[2] + 9[2] + 21	1,51	1,51	1,69	1,69	3,60	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,10 + 1,10	1,81	1,81	2,02	2,02	4,34	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[1] + 9[2] + 12 + 12	1,76	1,76	1,98	2,25	2,25	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,30 + 1,50	2,11	2,11	2,38	2,70	2,70	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (580 - 4.170)	1.435	13,50
9[1] + 9[1] + 9[2] + 12 + 15	1,67	1,67	1,86	2,13	2,67	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,20 + 1,40	2,00	2,00	2,24	2,56	3,20	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[1] + 9[2] + 12 + 18	1,56	1,56	1,75	2,00	3,13	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	1,00 + 1,00 + 1,10 + 1,30	1,88	1,88	2,09	2,40	3,75	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[1] + 9[1] + 9[2] + 12 + 21	1,47	1,47	1,65	1,88	3,53	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	0,90 + 0,90 + 1,10 + 1,20	1,76	1,76	1,98	2,26	4,24	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[1] + 9[1] + 9[2] + 15 + 15	1,58	1,58	1,78	2,53	2,53	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,00 + 1,10 + 1,60	1,90	1,90	2,12	3,04	3,04	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (600 - 4.140)	1.430	13,40
9[1] + 9[1] + 9[2] + 15 + 18	1,49	1,49	1,66	2,38	2,98	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,90 + 0,90 + 1,10 + 1,50	1,79	1,79	1,99	2,86	3,57	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.140)	1.445	13,60
9[1] + 9[1] + 12 + 12 + 12	1,70	1,70	2,20	2,20	2,20	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.700)	1.400	12,90	1,10 + 1,10 + 1,40 + 1,40	2,04	2,04	2,64	2,64	2,64	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (600 - 4.200)	1.425	13,40
9[1] + 9[1] + 12 + 12 + 15	1,62	1,62	2,08	2,08	2,60	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (570 - 3.700)	1.400	12,90	1,00 + 1,00 + 1,30 + 1,30	1,95	1,95	2,49	2,49	3,12	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (620 - 4.190)	1.425	13,40
9[1] + 9[1] + 12 + 12 + 18	1,52	1,52	1,95	1,95	3,06	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	1,00 + 1,00 + 1,30 + 1,30	1,83	1,83	2,34	2,34	3,66	12,00 (3,40 - 14,50)	4,10 **A**			2.930 (720 - 4.190)	1.465	13,80
9[1] + 9[1] + 12 + 12 + 21	1,44	1,44	1,84	1,84	3,44	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,90 + 0,90 + 1,20 + 1,20	1,72	1,72	2,21	2,21	4,14	12,00 (3,40 - 14,50)	4,10 **A**			2.930 (720 - 4.190)	1.465	13,80
9[1] + 9[1] + 12 + 15 + 15	1,54	1,54	1,98	2,47	2,47	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	1,00 + 1,00 + 1,30 + 1,50	1,85	1,85	2,38	2,96	2,96	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (620 - 4.180)	1.420	13,30
9[1] + 9[1] + 12 + 15 + 18	1,45	1,45	1,86	2,33	2,91	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (660 - 3.640)	1.380	12,70	0,90 + 0,90 + 1,20 + 1,50	1,74	1,74	2,23	2,79	3,50	12,00 (3,40 - 14,50)	4,11 **A**			2.920 (730 - 4.180)	1.460	13,70
9[1] + 9[1] + 15 + 15 + 15	1,46	1,46	2,36	2,36	2,36	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	0,90 + 0,90 + 1,50 + 1,50	1,77	1,77	2,82	2,82	2,82	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
9[1] + 9[2] + 9[2] + 9[2] + 9[2]	1,84	2,04	2,04	2,04	2,04	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,20 + 1,30 + 1,30 + 1,30	2,20	2,45	2,45	2,45	2,45	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
9[1] + 9[2] + 9[2] + 9[2] + 12	1,76	1,99	1,99	1,99	2,27	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,30 + 1,30 + 1,30	2,13	2,38	2,38	2,38	2,73	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.200)	1.420	13,30
9[1] + 9[2] + 9[2] + 9[2] + 15	1,68	1,88	1,88	1,88	2,68	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,10 + 1,20 + 1,20 + 1,20	2,00	2,26	2,26	2,26	3,22	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (560 - 4.190)	1.415	13,30
9[1] + 9[2] + 9[2] + 9[2] + 18	1,57	1,76	1,76	1,76	3,15	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,10 + 1,10 + 1,10	1,89	2,11	2,11	2,11	3,78	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[2] + 9[2] + 9[2] + 21	1,47	1,66	1,66	1,66	3,55	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	0,90 + 1,10 + 1,10 + 1,10	1,77	1,99	1,99	1,99	4,26	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[1] + 9[2] + 9[2] + 12 + 12	1,72	1,93	1,93	2,21	2,21	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,10 + 1,20 + 1,20 + 1,40	2,06	2,32	2,32	2,65	2,65	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (580 - 4.170)	1.435	13,50
9[1] + 9[2] + 9[2] + 12 + 15	1,63	1,83	1,83	2,09	2,62	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,20 + 1,20 + 1,40	1,95	2,20	2,20	2,51	3,14	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (590 - 4.160)	1.430	13,40
9[1] + 9[2] + 9[2] + 12 + 18	1,53	1,72	1,72	1,96	3,07	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	1,00 + 1,10 + 1,10 + 1,30	1,84	2,06	2,06	2,36	3,68	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[1] + 9[2] + 9[2] + 12 + 21	1,44	1,62	1,62	1,85	3,47	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	0,90 + 1,00 + 1,00 + 1,20	1,73	1,94	1,94	2,22	4,17	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[1] + 9[2] + 9[2] + 15 + 15	1,56	1,74	1,74	2,48	2,48	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,00 + 1,10 + 1,10 + 1,50	1,86	2,09	2,09	2,98	2,98	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (600 - 4.140)	1.430	13,40
9[1] + 9[2] + 9[2] + 15 + 18	1,46	1,64	1,64	2,34	2,92	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	0,90 + 1,00 + 1,00 + 1,50	1,75	1,96	1,96	2,81	3,52	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.140)	1.445	13,60
9[1] + 9[2] + 12 + 12 + 12	1,67	1,88	2,15	2,15	2,15	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.700)	1.400	12,90	1,10 + 1,20 + 1,40 + 1,40	2,00	2,26	2,58	2,58	2,58	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (600 - 4.200)	1.425	13,40
9[1] + 9[2] + 12 + 12 + 15	1,59	1,78	2,04	2,04	2,55	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (570 - 3.700)	1.400	12,90	1,00 + 1,10 + 1,30 + 1,30	1,90	2,14	2,45	2,45	3,06	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (620 - 4.190)	1.425	13,40
9[1] + 9[2] + 12 + 12 + 18	1,49	1,68	1,92	1,92	2,99	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	0,90 + 1,10 + 1,20 + 1,20	1,80	2,01	2,30	2,30	3,59	12,00 (3,40 - 14,50)	4,10 **A**			2.930 (720 - 4.190)	1.465	13,80
9[1] + 9[2] + 12 + 15 + 15	1,52	1,70	1,94	2,42	2,42	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	1,00 + 1,10 + 1,30 + 1,50	1,81	2,04	2,33	2,91	2,91	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (620 - 4.180)	1.420	13,30
9[1] + 9[2] + 12 + 15 + 18	1,42	1,60	1,83	2,29	2,86	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (660 - 3.640)	1.380	12,70	0,90 + 1,00 + 1,20 + 1,50	1,71	1,92	2,19	2,74	3,44	12,00 (3,40 - 14,50)	4,11 **A**			2.920 (730 - 4.180)	1.460	13,70
9[1] + 9[2] + 15 + 15 + 15	1,45	1,62	2,31	2,31	2,31	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	0,90 + 1,00 + 1,50 + 1,50	1,73	1,96	2,77	2,77	2,77	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
9[1] + 12 + 12 + 12 + 12	1,64	2,09	2,09	2,09	2,09	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.700)	1.405	13,00	1,00 + 1,40 + 1,40 + 1,40	1,96	2,51	2,51	2,51	2,51	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.170)	1.440	13,50
9[1] + 12 + 12 + 12 + 15	1,55	1,99	1,99	1,99	2,48	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.700)	1.405	13,00	1,00 + 1,30 + 1,30 + 1,30	1,85	2,39	2,39	2,39	2,98	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
9[1] + 12 + 12 + 12 + 18	1,46	1,87	1,87	1,87	2,93	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (670 - 3.640)	1.380	12,70	0,90 + 1,20 + 1,20 + 1,20	1,74	2,25	2,25	2,25	3,51	12,00 (3,40 - 14,50)	4,12 **A**			2.910 (750 - 4.160)	1.455	13,70
9[1] + 12 + 12 + 15 + 15	1,48	1,89	1,89	2,37	2,37	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.710)	1.405	13,00	0,90 + 1,20 + 1,20 + 1,50	1,78	2,27	2,27	2,84	2,84	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
9[2] + 9[2] + 9[2] + 9[2] + 9[2]	2,00	2,00	2,00	2,00	2,00	10,00 (2,90 - 11,50)	3,50 **A**			2.860 (550 - 3.860)	1.430	13,20	1,30 + 1,30 + 1,30 + 1,30	2,40	2,40	2,40	2,40	2,40	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (530 - 4.240)	1.430	13,40
9[2] + 9[2] + 9[2] + 9[2] + 12	1,94	1,94	1,94	1,94	2,24	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,30 + 1,30 + 1,30 + 1,30	2,33	2,33	2,33	2,33	2,68	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (560 - 4.200)	1.420	13,30
9[2] + 9[2] + 9[2] + 9[2] + 15	1,84	1,84	1,84	1,84	2,64	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (550 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,20	2,21	2,21	2,21	2,21	3,16	12,00 (3,40 - 14,50)	4,24 **A**			2.830 (560 - 4.190)	1.415	13,30
9[2] + 9[2] + 9[2] + 9[2] + 18	1,73	1,73	1,73	1,73	3,08	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,10 + 1,10 + 1,10 + 1,10	2,07	2,07	2,07	2,07	3,72	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[2] + 9[2] + 9[2] + 9[2] + 21	1,63	1,63	1,63	1,63	3,48	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.630)	1.405	13,00	1,00 + 1,00 + 1,00 + 1,00	1,95	1,95	1,95	1,95	4,20	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (670 - 4.180)	1.430	13,40
9[2] + 9[2] + 9[2] + 12 + 12	1,90	1,90	1,90	2,15	2,15	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,40	2,28	2,28	2,28	2,58	2,58	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (580 - 4.170)	1.435	13,50
9[2] + 9[2] + 9[2] + 12 + 15	1,79	1,79	1,79	2,05	2,58	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,20 + 1,20 + 1,20 + 1,30	2,15	2,15	2,15	2,46	3,09	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (590 - 4.160)	1.430	13,40
9[2] + 9[2] + 9[2] + 12 + 18	1,69	1,69	1,69	1,92	3,01	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.630)	1.375	12,70	1,10 + 1,10 + 1,10 + 1,20	2,02	2,02	2,02	2,31	3,63	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (690 - 4.150)	1.445	13,60
9[2] + 9[2] + 9[2] + 15 + 15	1,70	1,70	1,70	2,45	2,45	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.780)	1.400	12,90	1,10 + 1,10 + 1,10 + 1,50	2,04	2,04	2,04	2,94	2,94	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (600 - 4.140)	1.430	13,40
9[2] + 9[2] + 9[2] + 15 + 18	1,61	1,61	1,61	2,30	2,87	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (650 - 3.640)	1.375	12,70	1,00 + 1,00 + 1,00 + 1,50	1,93	1,93	1,93	2,76	3,45	12,00 (3,40 - 14,50)	4,15 **A**			2.890 (700 - 4.140)	1.445	13,60
9[2] + 9[2] + 12 + 12 + 12	1,85	1,85	2,10	2,10	2,10	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (560 - 3.700)	1.400	12,90	1,20 + 1,20 + 1,40 + 1,40	2,22	2,22	2,52	2,52	2,52	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (600 - 4.200)	1.425	13,40
9[2] + 9[2] + 12 + 12 + 15	1,75	1,75	2,00	2,00	2,50	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (570 - 3.700)	1.400	12,90	1,10 + 1,10 + 1,30 + 1,30	2,10	2,10	2,40	2,40	3,00	12,00 (3,40 - 14,50)	4,21 **A**			2.850 (620 - 4.190)	1.425	13,40
9[2] + 9[2] + 12 + 12 + 18	1,65	1,65	1,88	1,88	2,94	10,00 (2,90 - 11,50)	3,64 **A**			2.750 (660 - 3.640)	1.375	12,70	1,10 + 1,10 + 1,20 + 1,20	1,98	1,98	2,26	2,26	3,52	12,00 (3,40 - 14,50)	4,10 **A**			2.930 (720 - 4.190)	1.465	13,80
9[2] + 9[2] + 12 + 15 + 15	1,67	1,67	1,90	2,38	2,38	10,00 (2,90 - 11,50)	3,57 **A**			2.800 (600 - 3.700)	1.400	12,90	1,10 + 1,10 + 1,20 + 1,50	2,00	2,00	2,28	2,86	2,86	12,00 (3,40 - 14,50)	4,23 **A**			2.840 (620 - 4.180)	1.420	13,30
9[2] + 12 + 12 + 12 + 12	1,80	2,05	2,05	2,05	2,05	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.700)	1.405	13,00	1,20 + 1,30 + 1,30 + 1,30	2,16	2,46	2,46	2,46	2,46	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.170)	1.440	13,50
9[2] + 12 + 12 + 12 + 15	1,71	1,95	1,95	1,95	2,44	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.700)	1.405	13,00	1,10 + 1,30 + 1,30 + 1,30	2,05	2,34	2,34	2,34	2,93	12,00 (3,40 - 14,50)	4,17 **A**			2.880 (630 - 4.160)	1.440	13,50
9[2] + 12 + 12 + 12 + 18	1,61	1,84	1,84	1,84	2,87	10,00 (2,90 - 11,50)	3,62 **A**			2.760 (670 - 3.640)	1.380	12,70	1,00 + 1,20 + 1,20 + 1,20	1,92	2,21	2,21	2,21	3,45	12,00 (3,40 - 14,50)	4,12 **A**			2.910 (750 - 4.160)	1.455	13,70
9[2] + 12 + 12 + 15 + 15	1,62	1,86	1,86	2,33	2,33	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (600 - 3.710)	1.405	13,00	1,00 + 1,20 + 1,20 + 1,50	1,96	2,23	2,23	2,79	2,79	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (650 - 4.140)	1.435	13,50
12 + 12 + 12 + 12 + 12	2,00	2,00	2,00	2,00	2,00	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	1,30 + 1,30 + 1,30 + 1,30	2,40	2,40	2,40	2,40	2,40	12,00 (3,40 - 14,50)	4,18 **A**			2.870 (660 - 4.140)	1.435	13,50
12 + 12 + 12 + 12 + 15	1,90	1,90	1,90	1,90	2,40	10,00 (2,90 - 11,50)	3,56 **A**			2.810 (610 - 3.710)	1.405	13,00	1,20 + 1,20 + 1,20 + 1,20	2,29	2,29	2,29	2,29	2,84	12,00 (3,40 - 14,50)	4,20 **A**			2.860 (660 - 4.190)	1.430	13,40

1) For Etherea. 4 Way 60x60 cassette and Low static pressure hide away. 2) For Floor console. 3) SEER and SCOP are showed only on the 100% capacity combination as requested by the ErP directive. On the other capacity combinations, EER and COP are show. Input Power, Annual consumption is show following the ErP directive only on the 100% capacity combination as requested by the ErP directive.
* Data for not simultaneous operation.

Notes

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Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of the other refrigerant.
The outdoor units in this catalogue contains fluorinated greenhouse gases with a GWP higher than 150.

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