

NEW PRODUCTS

EFFICIENT SOLUTIONS PRICE LIST 2016 / 2017



DOMESTIC AIR TO AIR HEAT PUMP



COMMERCIAL AIR TO AIR



VRF SYSTEMS

heating & cooling solutions



DOMESTIC

P. 8



COMMERCIAL

P. 24



VRF SYSTEMS

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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.

Exemplary sustainable project:

Panasonic joins Smart Electric Lyon consortium

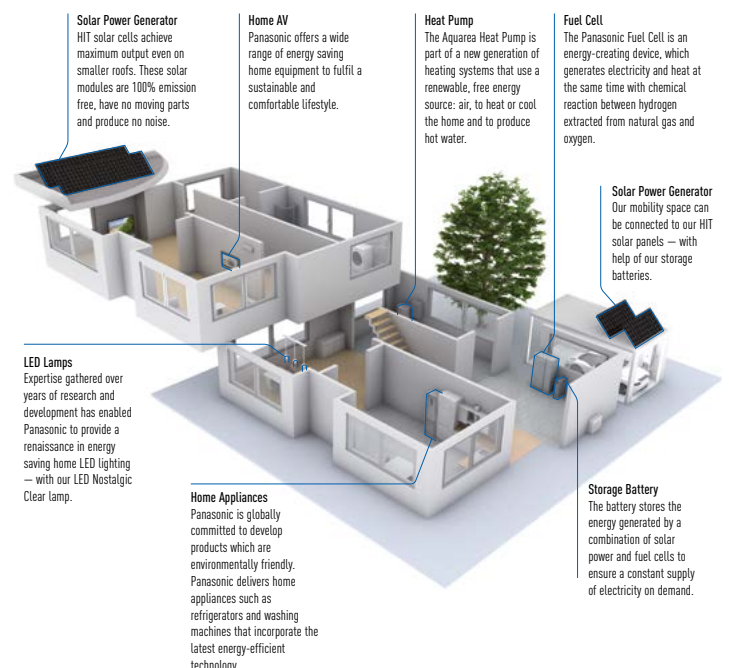
Smart Electric Lyon is a project that looks at electricity consumption as a key part of the building energy solutions of tomorrow. It is intended to test innovative solutions that will consume less and better.

Fujisawa Sustainable Smart Town

Homes will employ the full range of Panasonic’s most advanced systems for energy production, storage and management.

We aim to realize a lifestyle with virtually zero CO₂ emissions throughout the entire home

By creating, storing, managing and saving energy, Panasonic aims to realise a lifestyle with virtually zero CO₂ emissions throughout the entire home.





Panasonic, recommended by professionals

When choosing an Air Conditioning partner for projects, you need the confidence and the peace of mind that comes from a big brand that will ensure success from any perspective.

Panasonic Heating and Cooling Solutions has everything in its favor to fulfill your needs: their experience, their performance and savings, their quality and reliability, their extensive range of solutions, and, of course the fact that they have always been at your side. Panasonic Heating & Cooling solutions is THE brand recommend by professionals.

Experience

Panasonic Heating and Cooling Solutions is a world pioneer in research and innovation and has been providing appropriate solutions that deliver maximum user comfort for nearly 60 years, as well as providing support to professionals involved in Installation projects and setups.

Performance and savings

Strongly committed to the environment and energy efficiency, Panasonic Heating and Cooling Solutions offer great performance, which leads to a remarkable reduction in energy bills.



An extensive range of solutions

From the smallest project to comprehensive installations in large buildings, Panasonic Heating and Cooling Solutions offers the best options on the market, with extensive ranges in air/air or air/water technologies. The key to the success of a project is, often, in the combination of both technologies. Panasonic Heating and Cooling Solutions offers the broadest range of solutions, both for external units and the wide array of indoor units, so the best possible solution is always available.



Quality and reliability

Panasonic Heating and Cooling Solutions is also leader in innovation, with over 91,539 patents registered to improve the lives of their users. In total, the company has made over 200 million compressors in its 294 production plants around the world. All of this amounts to the exceptional quality and reliability of Panasonic Air Conditioners being totally guaranteed, allowing them to offer maximum effectiveness, comply to the strictest environmental requirements and adapt to the requirements of the most advanced projects of our times.



Tech support

Panasonic has an impressive array of Support Services for designers, specifiers, engineers and installers in the Air Conditioning market. A whole organization is at your service, making your job easier, from project to installation, from setup to maintenance.



PRO Club

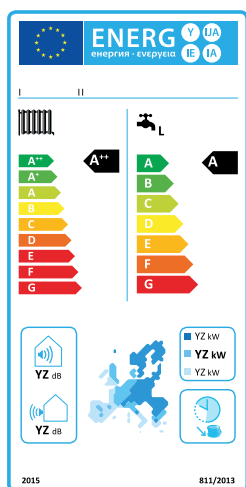
www.panasonicproclub.com
or connect simply with your smartphone
to the PRO Club using this QR

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 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 smartphone!



Panasonic helps you to calculate the system label

From 26th September 2015, installers can be assured that all products manufactured after this date will be sold with the required ErP labels which will aid installers with their paperwork. While it is the manufacturer's responsibility to issue their products with the required labels, the installers will need to calculate and issue an efficiency label for the entire heating system. Whether installing a new heating system or installing new boilers, controls or renewables into an existing system, it is, and will continue to be, the installer's responsibility to calculate and issue efficiency labels. Calculators which assist installers with this process are available on the Panasonic Heating & Cooling Solutions website.



Aquarea Designer

Panasonic provides bespoke software helping system designers, installers and dealers to very quickly design and size systems, create wiring diagrams and issue bills of quantities at the push of a button.



VRF Designer

Building on the success of the ECOi VRF Designer software, this package provides air conditioning system designers, installers and dealers with a program to design and size projects for Panasonic's VRF ranges.

Projects & Case Studies of Panasonic Heating and Cooling Solutions



Gym Lo + Fit Galapagar, the best combination for maximum savings. Madrid, Spain. **VRF / PACi / AHU**



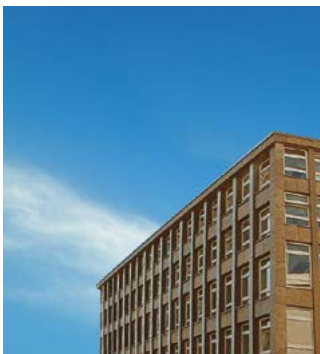
The new Hotel Vincci Gala with efficiency class A, up to 70% save energy. Barcelona, Spain. **ECOi / ECO G**



Requirements for high efficiency in low ambient conditions. 21 luxury homes. Straffan Co. Kildare, Ireland. **Aquarea**



Internet Search Giant. The best solution for this most demanding of applications. Dublin, Ireland. **ECOi**



The conversion of a commercial building into a university building. Bochum, Germany. **ECOi**



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**



New housing uses Panasonic's heat pump for energy saving results. Stavanger, Norway. **Aquarea**



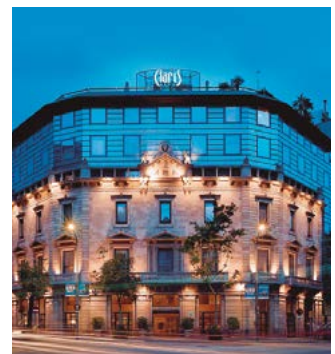
Renault-Nissan dealership with ECO G solution, without causing an increase in energy costs. Romans-sur-Isère, southern France. **ECO G**



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



Montcenis Nursing Home. Over 6.100 m² and 85 rooms. Saône et Loire, France. **ECO-G**



Hotel refurbishment. The heat recovery system is ideal for a hotel of this category. Hotel Claris 5*, Barcelona, Spain. **ECOi**



Panasonic dials up the energy savings in Capita Call Centre. Lingfield Point. **ECO G**



Making the most of the RHI: success with Panasonic heat pump technology. Fife, Scotland. **Aquarea**



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



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



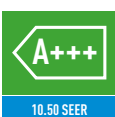
ETHEREA

Panasonic Domestic air to air heat pump

ENERGY SAVING



Intelligent Human Activity Sensor and new Sunlight Sensor technologies that can detect and reduce waste by optimising air conditioner according to room conditions. With just one touch of a button, you can save energy.



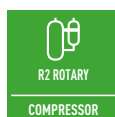
Exceptional Seasonal Cooling Efficiency based on the new ErP regulation. Higher SEER ratings mean greater efficiency. Save all the year while cooling!



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!



Panasonic R2 Rotary Compressor. Designed to withstand extreme conditions, it delivers high performance and efficiency.



Our heat pumps containing the new refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP). An important step to reduce greenhouse gases. R32 is also a components refrigerant, making it easy to recycle.

HIGH CONNECTIVITY



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. Optional part.



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. Optional part.



5 Years Warranty. We guarantee the outdoor unit compressors in the entire range for five years. Only for Pro Partners.



Panasonic Air Conditioning System Wins Prestigious Design Award. Panasonic is pleased to announce that its Ethernair air conditioning system has won an iF 2013 Product Design Award.



Nanoe has been comprehensively tested in real-life chamber and demonstrated it is also effective against Allergy airborne particles. Due to this, Nanoe get the Seal of Approval of the British Allergy Foundation.

HIGH PERFORMANCE AND HEALTHY AIR



New Nanoe 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. Seal of Approval of the British Allergy Foundation.



Particulate matter (PM2.5) can be found suspended in the air, including dust, dirt, smoke and liquid droplets. Sized at 2.5µm, these particles are said to pose health problems as they can easily enter our lungs.



With Super Quiet technology our devices are much more quiet than a library (30dB(A)).



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



More comfort with Aerowings. Direct airflow to ceiling to create shower cooling effect by twin flap built in indoor.



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



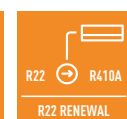
Down to -15°C in heating mode The air conditioner works in heat pump mode with an outdoor temperature as low as -15°C.



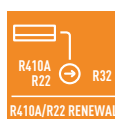
Heatcharge, this innovative, newly developed technology charges heat and uses it for heating. Thanks to this system, you can enjoy incredibly powerful, comfortable air conditioner heating.



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



The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing new high efficiency R32 systems.

Domestic Range Highlights



New Ethera

New Ethera with Econavi intelligent sensor and new Nanoe air-purifying system: outstanding efficiency A+++, comfort (Super Quiet technology only 19dB(A)) and healthy air combined with a breakthrough design.



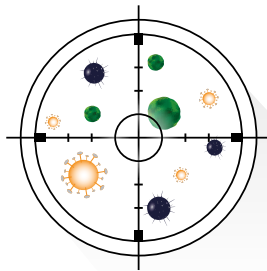
New Heatcharge

Energy class A +++ and offers maximum comfort and energy savings. This powerful air heat pump is designed for commercial and residential climate that places extremely high demands on the heating system.



New R32 gas environmentally friendly

Compared to R22 and R410A, R32 has a very low potential impact on the depletion of ozone layer and global warming. More efficiency and less refrigerant charge needed.



New Anti-allergy Nanoe and PM2.5 Filter

It also neutralises odours to provide a more pleasant and healthy environment.



Cassette and Hide Away

5.0 and 6.0kW 4 Way 60x60 Cassette and new 5.0kW Low Static Pressure Hide Away, more efficiency and more capacity.



Modbus®

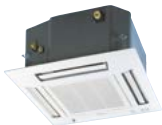


Control and connectivity

Control your units from anywhere with the Wifi adapter or Integrate to any protocol: KNX, Modbus or BACnet. And new integration to P-Line to connect to PACi or VRF systems.

Domestic Air Conditioner Range

1x1 and Multi Split Kits	2.2kW	2.8kW	3.2kW
Wall Mounted Etherea Inverter+ Silver Plated • R32 GAS NEW R32	 KIT-XZ7-SKE	 KIT-XZ9-SKE	 KIT-XZ12-SKE
Wall Mounted Etherea Inverter+ White • R32 GAS NEW R32	 KIT-Z7-SKE	 KIT-Z9-SKE	 KIT-Z12-SKE
Wall Mounted Etherea Inverter+ White			
Wall Mounted VZ Inverter+ • R32 GAS NEW R32		 KIT-VZ9-SKE	 KIT-VZ12-SKE
Wall Mounted TZ Type Standard Inverter • R32 GAS NEW R32		 KIT-TZ9-SKE	 KIT-TZ12-SKE
Wall Mounted RE Type Standard Inverter		 KIT-RE9-RKE	 KIT-RE12-RKE
Wall Mounted Professional Inverter -15°C		 KIT-E9-PKEA	 KIT-E12-PKEA
Floor Console Type Inverter+		 KIT-E9-PFE	 KIT-E12-PFE
4-Way 60x60 Cassette Standard Inverter		 KIT-E9-PB4EA	 KIT-E12-PB4EA
Low Static Pressure Hide Away Standard Inverter		 KIT-E9-PD3EA	 KIT-E12-QD3EA

4.5kW	5.0kW	6.0kW	6.5kW	8.0kW
	 KIT-XZ18-SKE			
 KIT-Z15-SKE	 KIT-Z18-SKE			
		 KIT-E21-QKE	 KIT-E24-QKE	 KIT-E28-QKE
	 KIT-TZ18-SKE		 KIT-TZ24-SKE	
	 KIT-RE18-RKE		 KIT-RE24-RKE	
 KIT-E15-PKEA	 KIT-E18-PKEA			
	 KIT-E18-PFE			
	 KIT-E18-RB4EA	 KIT-E21-RB4EA		
	 KIT-E18-RD3EA			



ETHEREA

Redesigned Ethera 2016. Perfect outside, perfect inside.

New Ethera with Econavi intelligent sensor and new Nanoe air-purifying system: outstanding efficiency A+++, comfort (Super Quiet technology only 19dB(A)) and healthy air combined with a breakthrough design

The new Ethera has an astonishingly slim design

A breakthrough design that combines perfectly with the most modern environments. We have selected the best materials and processes for a refined design. And now they're available in an elegant metallic or matt silver and matt or gloss white.

Discover how to achieve energy savings with the new Ethera A+++

Econavi Sensor technology reduce waste by adjusting the operation of the air conditioner to suit the requirements of the room. With just one touch of a button, you can save energy efficiently with uninterrupted cooling, comfort and convenience.

Get the best for your health with Ethera and Nanoe

Anti-allergy Nanoe is tested by the UK Allergy Association! Using nano-technology, fine particles 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.

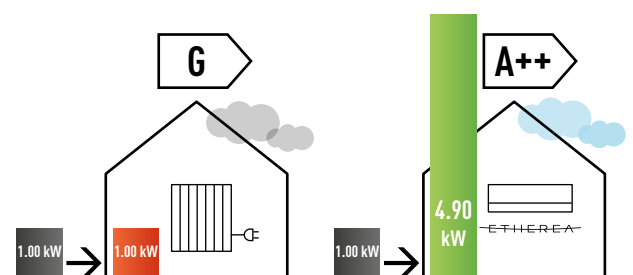


The new Ethera has an astonishingly slim design: only 19.4 cm



New Ethera maximum savings, outstanding efficiency A+++

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 KIT-XZ9-SKE and KIT-Z9-SKE compared with electrical heaters at +7°C.

Econavi Intelligent Sensors

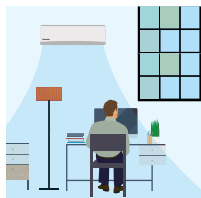
Econavi intelligent eco sensors

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 with uninterrupted cooling comfort and convenience.

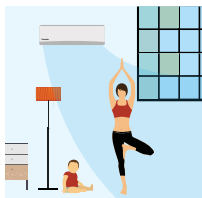
INTELLIGENT ECO SENSORS

ECONAVI

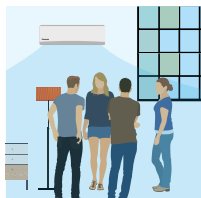
Temperature Wave



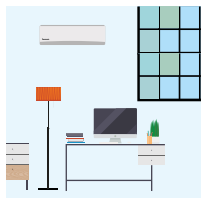
Area Search



Activity Detection



Absence Detection



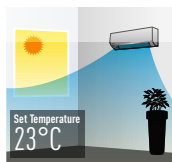
Sunlight Detection



Econavi sunlight sensor

Sunlight Detection (on Cooling Mode)

Sunny



Econavi is switched on when it is sunny.

Detect



Econavi detects less cooling power is required.

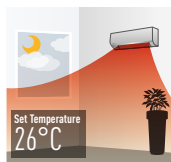
Reduce waste



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

Sunlight Detection (on Heating Mode)

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.

Splits 1x1

Wall Mounted Etherea Inverter+ Silver / White • R32 GAS

Kit Silver*			KIT-XZ7-SKE	KIT-XZ9-SKE	KIT-XZ12-SKE	—	KIT-XZ18-SKE
Kit White Matt *			KIT-Z7-SKE	KIT-Z9-SKE	KIT-Z12-SKE	KIT-Z15-SKE	KIT-Z18-SKE
Cooling capacity	Nominal	kW	2.05	2.50	3.50	4.20	5.00
SEER	Nominal		7.50 A++	8.50 A+++	8.50 A+++	6.90 A++	7.30 A++
Power input cooling	Nominal	kW	0.450	0.525	0.840	1.240	1.500
Heating capacity	Nominal	kW	2.80	3.40	4.00	5.30	5.80
SCOP	Nominal		4.70 A++	4.90 A++	—	4.00 A+	4.40 A+
Power input heating	Nominal	kW	0.620	0.720	0.920	1.440	1.700
Indoor Unit Silver			CS-XZ7SKEW-M	CS-XZ9SKEW-M	CS-XZ12SKEW-M	—	CS-XZ18SKEW-M
Indoor Unit White			CS-Z7SKEW-M	CS-Z9SKEW-M	CS-Z12SKEW-M	CS-Z15SKEW-M	CS-Z18SKEW-M
Power source	V		230				
Recommended fuse	A		16				
Connection indoor / outdoor	mm ²		4 x 1.5				
Air volume	Cool / Heat	m ³ /h	594 / 648	600 / 678	642 / 720	672 / 732	702 / 744
Sound pressure level ³⁾	Cooling (Hi / Lo / Q-Lo)	dB(A)	37 / 24 / 19	39 / 25 / 19	42 / 28 / 19	43 / 31 / 25	44 / 37 / 34
	Heating (Hi / Lo / Q-Lo)	dB(A)	38 / 25 / 19	40 / 27 / 19	42 / 33 / 19	43 / 35 / 29	44 / 37 / 34
Dimensions / Net weight	H x W x D	mm / kg	295 x 919 x 194 / 9	295 x 919 x 194 / 10			—
Outdoor			CU-Z7SKE	CU-Z9SKE	CU-Z12SKE	CU-Z15SKE	CU-Z18SKE
Air volume	Cool / Heat	m ³ /h	1,614 / 1,614	1,722 / 1,722	2,064 / 2,136	1,998 / 2,022	2,352 / 2,274
Sound pressure level ³⁾	Cool/ Heat (Hi)	dB(A)	45 / 46	46 / 47	48 / 50	49 / 51	47 / 47
	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	695 x 875 x 320
Net weight		kg	30	33	35	32	46
Piping connections	Liquid / Gas pipes	Inch	1/4 / 3/8			1/4 / 1/2	
Piping length range / Elevation diff (in/out) ⁴⁾	m		3 ~ 15 / 15			3 ~ 20 / 15	
Pipe length for add gas / Add gas amount	m / g/m		7.5 / 10			7.5 / 15	
R32 Refrigerant amount	kg		0.76	0.85	0.91	0.87	1.03
Operating range	Cool — Heat Min / Max	°C	-10 ~ +43 — -15 ~ +24				
Kit Silver Price	£		800.00	872.00	981.00	—	1,364.00
Kit White Matt Price	£		779.00	850.00	948.00	1,089.00	1,228.00
Indoor Unit Silver Price	£		259.00	314.00	358.00	—	583.00
Indoor Unit White Price	£		238.00	292.00	325.00	339.00	447.00
Outdoor Unit Price	£		541.00	558.00	623.00	750.00	781.00

NEW

R32



(Optional)



1) EER and COP classification is at 230V 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. * Available in May 2016.

SEER and SCOP: For KIT-XZ9-SKE and KIT-Z9-SKE. SUPER QUIET: For KIT-XZ7-SKE, KIT-XZ9-SKE, KIT-XZ12-SKE, KIT-Z7-SKE, KIT-Z9-SKE and KIT-Z12-SKE. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

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)
Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.



New nano-sized electrostatic atomized water particles, nanoe™, that improve air quality

Proven benefits of electrostatic atomized water particles, nanoe™, through experiments

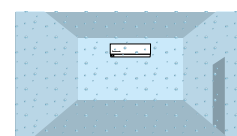
The benefits range widely from inhibiting viruses and bacteria, inhibiting mould and allergens, moisturizing skin. Experiments by universities and research institutions have proven the effects of nanoe™. The world is focusing its attention on this breakthrough technology that could be the key to the air purification.

Characteristics of nanoe™ Technology

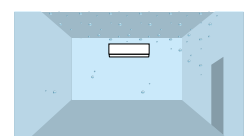
1. Long Life

6 times longer lifespan than general negative ion. nanoe™ contains moisture around 1,000 times more than general negative ion. Being contained in water particles, it has a longer lifespan and is able to spread for a long distance.

Comparison of distribution in the room



nanoe™ spreads to every corner.



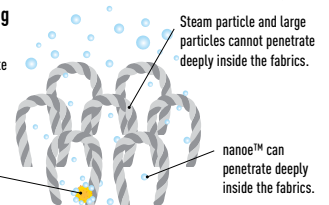
General negative ion ions decay before spreading throughout the room.

2. Water-originated

nanoe™ comes from condensed moisture in the air so that water replenishment for nanoe™ generation is not required.

nanoe™ is tiny enough to penetrate into clothes for inhibiting mould and deodorizing

Allergens (such as pollen, mite droppings and corpses) are enclosed and inhibited.



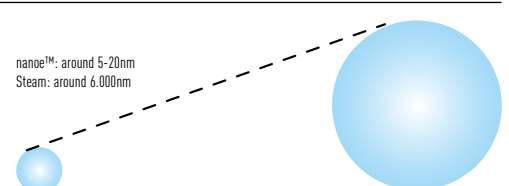
Steam particle and large particles cannot penetrate deeply inside the fabrics.

nanoe™ can penetrate deeply inside the fabrics.

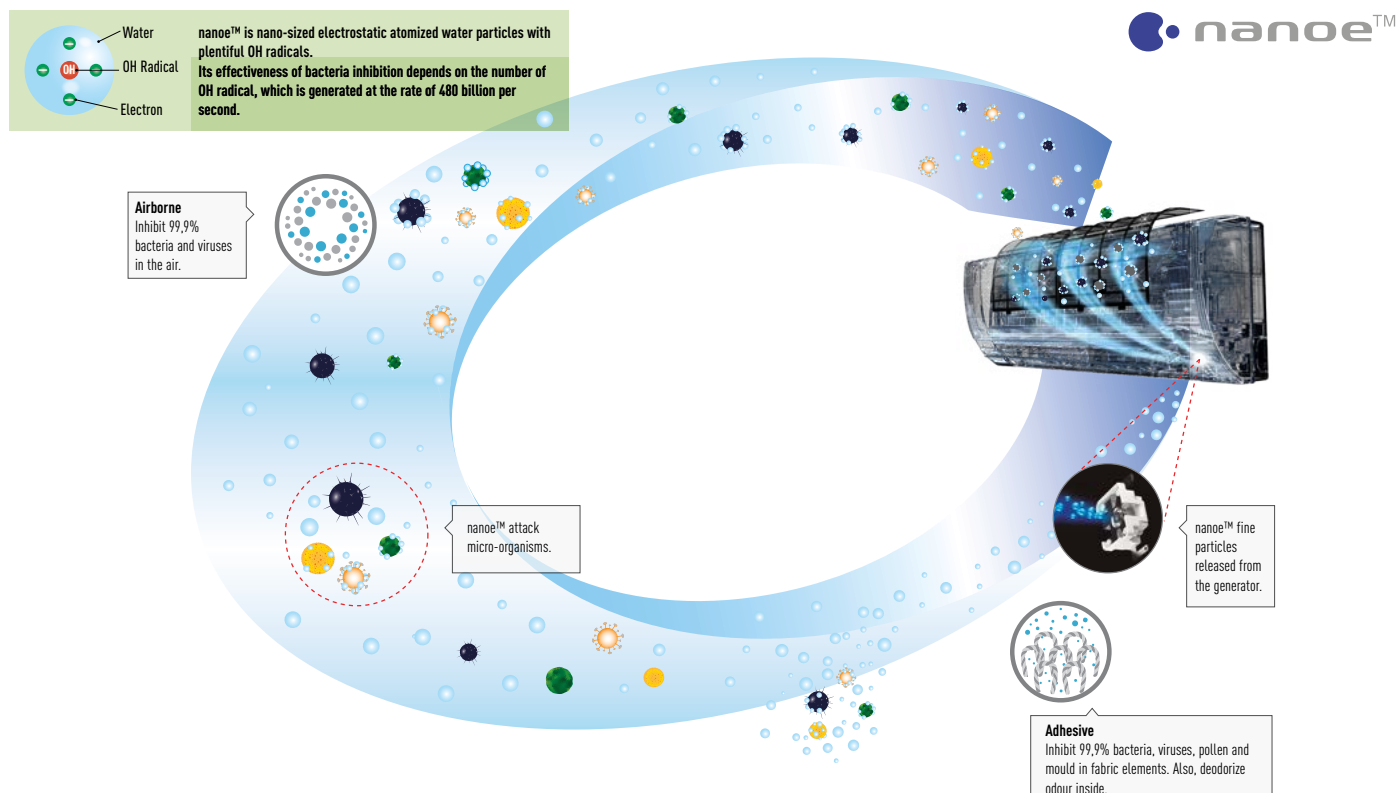
3. Microscopic Scale

Only one-billionth the size of a steam particle nanoe™ is much smaller than steam that can deeply penetrate into cloth fabrics to deodorize.

* 1nm (nanometer) = one billionth of meter



nanoe™: around 5-20nm
Steam: around 6,000nm



What's PM2,5 and how harmful

PM2,5 is an air pollutant that can drastically affect people's health. The size of the suspended particulate is thirty times smaller than the width of human hair, essentially making it difficult to see with the naked eye. It causes dangerous breathing problems such as acute bronchitis and lung cancer in older people and young children.

Splits 1x1

Wall Mounted Etherea White Inverter+ Wide

Kit			KIT-E21-QKE	KIT-E24-QKE	KIT-E28-QKE
Cooling capacity	Nominal	kW	6.30	6.80	7.65
SEER	Nominal		6.50 A++	6.10 A++	6.00 A+
Power input cooling	Nominal	kW	2.180	2.080	2.520
Heating capacity	Nominal	kW	7.20	8.60	9.60
SCOP	Nominal		4.00 A+	3.90 A	3.80 A
Power input heating	Nominal	kW	2.090	2.580	3.240
Indoor Unit			CS-E21QKEW	CS-E24QKEW	CS-E28QKES
Power source		V	230		
Recommended fuse		A	20		
Connection indoor / outdoor		mm ²	4 x 2.5		
Air volume	Cool / Heat	m ³ /h	1,134 / 1,200	1,188 / 1,272	1,266 / 1,314
Sound pressure level ³⁾	Cool — Heat (Hi / Lo / Q-Lo)	dB(A)	45 / 37 / 34 — 45 / 37 / 34	47 / 38 / 35 — 47 / 38 / 35	49 / 38 / 35 — 48 / 38 / 35
Dimensions / Net weight	H x W x D	mm / kg	295 x 1,070 x 255 / 13		
Outdoor Unit			CU-E21QKE	CU-E24QKE	CU-E28QKE
Air volume	Cool / Heat	m ³ /h	2,502 / 2,424	3,012 / 3,012	3,270 / 3,270
Sound pressure level ³⁾	Cool / Heat (Hi)	dB(A)	48 / 49	52 / 52	53 / 53
Dimensions ⁴⁾	H x W x D	mm / kg	695 x 875 x 320	795 x 875 x 320	
Net weight		kg	47	67	
Piping connections	Liquid / Gas pipes	Inch	1/4 / 1/2	1/4 / 5/8 5/8	
Piping length range / Elevation diff ⁵⁾		m	3 ~ 20 / 15	3 ~ 30 / 20	
Pipe length for add gas / Add gas amount		m / g/m	7.5 / 20	10 / 30	
Operating range	Cool — Heat Min / Max	°C	-10 ~ +43 — -15 ~ +24		
Kit Price		£	1,295.00	1,542.00	1,839.00
Indoor Unit Price		£	532.00	616.00	719.00
Outdoor Unit Price		£	763.00	926.00	1,120.00



Accessories		Price €	Accessories		Price €
PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control	200.00	CZ-RD514C	Wired remote control for wall type	102.00
PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00	CZ-CAPRA1	H Generation interface to ECOi control integration (available in June 2016)	135.00

1) EER and COP classification is at 230V 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.

SEER and SCOP: For KIT-XE18-QKE and KIT-E18-QKE. INTERNET CONTROL: Optional. IF Award: Awarded with the prestigious IF Design Award 2013.



Panasonic recommended R32 because it is environmental friendly

Compared to R22 and R410A, R32 has a very low potential impact on the depletion of ozone layer and global warming

In line with the European Countries who are concern in protecting and maintaining the environment by participating the Montreal Protocol to rectify one of its program in protecting the Ozone Layer and preventing Global Warming, Panasonic as the producer and maker of electronic products whom are close to the community has been actively making this program successfully on an ongoing basis.

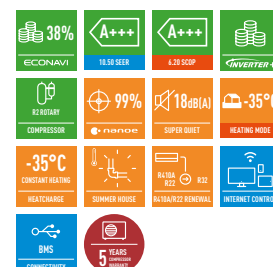
Wall Mounted Heatcharge VZ Inverter+ • R32 GAS

Kit			KIT-VZ9-SKE		KIT-VZ12-SKE	
Cooling capacity	Nominal	kW	2.50		3.50	
SEER	Nominal		10.50 A+++		10.00 A+++	
Power input cooling	Nominal	kW	0.430		0.800	
Heating capacity	Nominal	kW	3.60		4.20	
SCOP	Nominal		6.20 A+++		5.90 A+++	
Power input heating	Nominal	kW	0.640		0.830	
Indoor Unit			CS-VZ9SKE		CS-VZ12SKE	
Power source		V	230			
Recommended fuse		A	16			
Connection		mm ²	4 x 1.5			
Air volume	Cool / Heat	m ³ /h	1,020		1,050	
Sound pressure level ³⁾	Cool — Heat (Hi / Lo / Q-Lo)	dB(A)	44 / 27 / 18 — 44 / 26 / 18		45 / 33 / 18 — 45 / 29 / 18	
Dimensions / Net weight	H x W x D	mm / kg	295 x 890 x 375 / 14.5			
Outdoor Unit			CU-VZ9SKE		CU-VZ12SKE	
Air volume	Cooling / Heating	m ³ /h	1,980 / 1,890		2,052 / 1,890	
Sound pressure level ³⁾	Cooling / Heating (Hi)	dB(A)	49 / 49		50 / 50	
Dimensions ⁴⁾	H x W x D	mm	630 x 799 x 299			
Net weight		kg	41.5			
Piping connections	Liquid pipe / Gas pipe	Inch	1/4 / 3/8			
Piping length range / Elevation difference (in/out)		m	3 ~ 15 / 12			
Pipe length for additional gas / Additional gas amount		m / g/m	7.5 / 20			
Operating range	Cooling — Heating Min / Max	°C	-10 ~ +43 — -35 / +24			
Kit Price		€	3,300.00		3,850.00	
Indoor Unit Price		€	1,320.00		1,650.00	
Outdoor Unit Price		€	1,980.00		2,200.00	

Accessories		Price €	Accessories		Price €
PA-AC-WIFI-1	Interface for IntesisHome	200.00	PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00

1) EER and COP classification is at 230V 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. * Available in March 2016.

SEER and SCOP: For KIT-VZ9-SKE. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



Splits 1x1

Wall Mounted TZ Type Standard Inverter • R32 GAS

Kit			KIT-TZ9-SKE*	KIT-TZ12-SKE*	KIT-TZ18-SKE*	KIT-TZ24-SKE**
Cooling capacity	Nominal	kW	2.50	3.50	5.00	6.80
SEER	Nominal		6.20 A++		6.70 A++	6.10 A++
Power input cooling	Nominal	kW	0.670	1.000	1.620	2.100
Heating capacity	Nominal	kW	3.30	4.00	5.80	8.60
SCOP	Nominal		4.20 A+		4.10 A+	4.00 A+
Power input heating	Nominal	kW	0.800	1.050	1.760	2.610
Indoor Unit			CS-TZ9SKEW	CS-TZ12SKEW	CS-TZ18SKEW	CS-TZ24SKEW
Air volume	Cool / Heat	m³/h	690 / 732	714 / 738	696 / 744	1,074 / 1,134
Sound pressure level ³⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	40 / 26 / 20	42 / 30 / 20	44 / 37 / 34	47 / 38 / 35
	Heat (Hi / Lo / Q-Lo)	dB(A)	40 / 27 / 24	42 / 33 / 25	44 / 37 / 34	47 / 38 / 35
Dimensions / Net weight	H x W x D	mm / kg	290 x 870 x 204 / 9		290 x 870 x 204 / 10	290 x 1,070 x 235 / 12
Outdoor Unit			CU-TZ9SKE	CU-TZ12SKE	CU-TZ18SKE	CU-TZ24SKE
Power source	V		230			
Recommended fuse	A		16		20	
Connection (indoor/outdoor)	mm²		4 x 1.5		4 x 2.5	
Air volume	Cool / Heat	m³/h	1,800 / 1,734	1,722 / 1,824	2,064 / 2,040	3,012 / 3,012
Sound pressure level ³⁾	Cool / Heat (Hi)	dB(A)	47 / 48	48 / 50	48 / 49	52 / 52
Dimensions ⁴⁾	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	795 x 875 x 320
Net weight	kg		27	32	41	67
Piping connections	Liquid / Gas pipes	Inch	1/4 / 3/8		1/4 / 1/2	1/4 / 5/8
Piping length range / Elevation difference (in/out)	m		3 ~ 15 / 15		3 ~ 20 / 15	3 ~ 30 / 20
R32 Refrigerant amount	kg		0.67	0.77	1.14	1.49
Pipe length for add gas / Add gas amount	m / g/m		7.5 / 10		7.5 / 15	10.0 / 25
Operating range	Cool Min / Max	°C	-10 ~ +43			
	Heat Min / Max	°C	-15 ~ +24			
Kit Price	£		662.00	767.00	1,078.00	1,453.00
Indoor Unit Price	£		261.00	289.00	401.00	604.00
Outdoor Unit Price	£		401.00	478.00	677.00	849.00

Accessories		Price £	Accessories		Price £
PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control	200.00	CZ-RD514C	Wired remote control for wall type	102.00
PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00	CZ-CAPRA1	Interface to ECOi control integration (available in June 2016)	135.00

1) EER and COP classification is at 230V 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. * Available in April 2016. ** Available in May 2016.

SEER: For KIT-TZ18-SKE. SCOP: For KIT-TZ9-SKE and KIT-TZ12-SKE. SUPER QUIET: For KIT-TZ9-SKE and KIT-TZ12-SKE. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

NEW

R32



Wall Mounted RE Type Standard Inverter

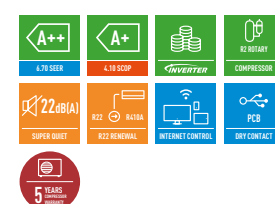
Kit			KIT-RE9-RKE	KIT-RE12-RKE	KIT-RE18-RKE	KIT-RE24-RKE
Cooling capacity	Nominal	kW	2.50	3.50	5.00	6.80
SEER	Nominal		6.10 A++		6.70 A++	6.00 A+
Power input cooling	Nominal	kW	0.670	1.000	1.470	2.100
Heating capacity	Nominal	kW	3.30	4.00	5.80	8.60
SCOP	Nominal		4.00 A+		4.10 A+	3.80 A
Power input heating	Nominal	kW	0.800	1.050	1.540	2.610
Indoor Unit			CS-RE9RKEW	CS-RE12RKEW	CS-RE18RKEW	CS-RE24RKEW
Air volume	Cooling / Heating	m³/h	702 / 768	762 / 804	978 / 1,074	1,104 / 1,170
Sound pressure level ³⁾	Cooling (Hi / Lo / Q-Lo)	dB(A)	41 / 26 / 22	42 / 30 / 22	44 / 37 / 34	47 / 38 / 35
	Heating (Hi / Lo / Q-Lo)	dB(A)	41 / 27 / 24	42 / 33 / 25	44 / 37 / 34	47 / 38 / 35
Dimensions / Net weight	H x W x D	mm / kg	290 x 870 x 214 / 9			290 x 1,070 x 240 / 12
Silver decoration sheet			Yes			
Outdoor Unit			CU-RE9RKE	CU-RE12RKE	CU-RE18RKE	CU-RE24RKE
Power source	V		230			
Recommended fuse	A		16			
Connection (indoor/outdoor)	mm²		4 x 1.5			
Air volume	Cooling / Heating	m³/h	1,926 / 1,872	1,998 / 1,998	2,352 / 2,274	3,012 / 3,012
Sound pressure level ³⁾	Cooling / Heating (Hi)	dB(A)	47 / 48	48 / 50	47 / 47	52 / 52
Dimensions ⁴⁾	H x W x D	mm	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320	795 x 875 x 320
Net weight	kg		31	34	46	67
Piping connections	Liquid / Gas pipe	Inch	1/4 / 3/8		1/4 / 1/2	1/4 / 5/8
Piping length range / Elevation difference (in/out)	m		3 ~ 15 / 15		3 ~ 20 / 15	3 ~ 30 / 20
Pipe length for additional gas / Additional gas amount	m / g/m		7.5 / 20			10.0 / 30
Operating range	Cooling Min / Max	°C	-10 ~ +43			
	Heating Min / Max	°C	-15 ~ +24			
Kit Price	£		556.00	645.00	906.00	1,357.00
Indoor Unit Price	£		219.00	243.00	337.00	564.00
Outdoor Unit Price	£		337.00	402.00	569.00	793.00

Accessories		Price £	Accessories		Price £
PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00	CZ-RD514C	Wired remote control for wall type	102.00

1) EER and COP classification is at 230V 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.

SEER and SCOP: For KIT-RE18-RKE. SUPER QUIET: For KIT-RE9-RKE and KIT-RE12-RKE. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

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)
Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.



Splits 1x1

Wall Mounted Professional Inverter -20°C

Kit			KIT-E9-PKEA	KIT-E12-PKEA	KIT-E15-PKEA	KIT-E18-PKEA
Cooling capacity	Nominal	kW	2.50	3.50 (0.85-4.00)	4.20	5.00
SEER ²⁾	Nominal		7.1 A++	6.7 A++	6.3 A++	6.9 A++
Power input cooling	Nominal	kW	0.515	0.870	1.200	1.440
Heating capacity	Nominal	kW	3.40	4.00	5.40	5.80
SCOP ⁵⁾	Nominal		4.4 A+	4.1 A+	3.9 A	4.2 A+
Power input heating	Nominal	kW	0.700	0.920	1.440	1.520
Indoor Unit			CS-E9PKEA	CS-E12PKEA	CS-E15PKEA	CS-E18PKEA
Power source	V		230			
Recommended fuse	A		16			
Connection indoor / outdoor	mm		4 x 1.5			4 x 2.5
Air Volume	Cool / Heat	m ³ /h	798 / 876	816 / 882	846 / 900	1,074 / 1,158
Sound pressure level ³⁾	Cooling (Hi / Lo / S-Lo)	dB(A)	39 / 26 / 23	42 / 29 / 26	43 / 32 / 29	44 / 37 / 34
	Heating (Hi / Lo / S-Lo)	dB(A)	40 / 27 / 24	42 / 33 / 29	43 / 35 / 29	44 / 37 / 34
Dimensions / Net weight	H x W x D	mm / kg	295 x 870 x 255 / 10			295 x 1,070 x 255 / 13
Outdoor Unit			CU-E9PKEA	CU-E12PKEA	CU-E15PKEA	CU-E18PKEA
Sound pressure level ⁴⁾	Cool / Heat (Hi)	dB(A)	46 / 47	48 / 50	46 / 46	47 / 47
Dimensions ⁷⁾	H x W x D	mm	622 x 824 x 299			695 x 875 x 320
Net weight		kg	36			46
Piping connections	Liquid / Gas pipes	Inch	1/4 / 3/8			1/4 / 1/2
Piping length range / Elevation diff (in/out) ⁸⁾		m	3 ~ 15 / 5			3 ~ 20 / 15
Pipe length for add gas / Add gas amount		m / g/m	7.5 / 20			
Operating range	Cooling Min / Max	°C	-20 / +43			
	Heating Min / Max	°C	-15 ~ +24			
Kit Price	£		965.00	1,107.00	1,260.00	1,400.00
Indoor Unit Price	£		318.00	358.00	420.00	500.00
Outdoor Unit Price	£		647.00	749.00	840.00	900.00

Accessories		Price £
PAW-SERVER-PKEA	PCB for installation in server rooms with security	200.00

Rating Conditions for cooling capacity at low temperature: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 0°C DB / -10°C WB.

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER2 5)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption (ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) Add 70 mm for piping port. 8) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

SEER and SCOP: For KIT-E9-PKEA. SUPER QUIET: For KIT-E9-PKEA. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

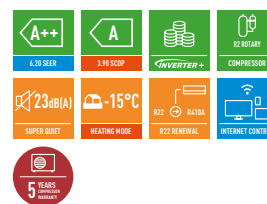
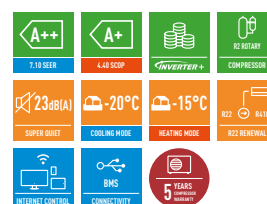
Floor Console Type Inverter+

Kit			KIT-E9-PFE	KIT-E12-PFE	KIT-E18-PFE
Cooling capacity	Nominal	kW	2.50	3.50	5.00
SEER	Nominal		6.10 A++	5.80 A+	6.20 A++
Power input cooling	Nominal	kW	0.560	0.940	1.540
Heating capacity	Nominal	kW	3.40	4.00	5.80
SCOP	Nominal		3.80 A		3.90 A
Power input heating	Nominal	kW	0.810	1.000	1.600
Indoor Unit			CS-E9GFEW	CS-E12GFEW	CS-E18GFEW
Power source	V		230		
Recommended fuse	A		16		
Connection	mm ²		4 x 1.5		
Air volume	Cool / Heat	m ³ /h	558 / 576	570 / 600	660 / 780
Sound pressure level ³⁾	Cool — Heat (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23 — 38 / 27 / 23	39 / 28 / 24 — 39 / 27 / 23	44 / 36 / 32 — 46 / 36 / 32
Dimensions / Net weight	H x W x D	mm / kg	600 x 700 x 210 / 14		
Outdoor Unit			CU-E9PFE	CU-E12PFE	CU-E18PFE
Sound pressure level ³⁾	Cool / Heat (Hi)	dB(A)	46 / 47	48 / 50	47 / 48
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 / Gas pipes	Inch	1/4 / 3/8		
Piping length range / Elevation diff (in/out)		m	3 ~ 15 / 5		
Pipe length for add gas / Add gas amount		m / g/m	7.5 / 20		
Operating range	Cooling — Heating Min / Max	°C	+16 / +43 — -15 ~ +24		
Kit Price	£		1,275.00	1,576.00	1,824.00
Indoor Unit Price	£		599.00	648.00	777.00
Outdoor Unit Price	£		676.00	928.00	1,047.00

Accessories		Price £
PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00

1) EER and COP classification is at 230V 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 1m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port.

SEER and SCOP: For KIT-E18-PFE. SUPER QUIET: For KIT-E9-PFE. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

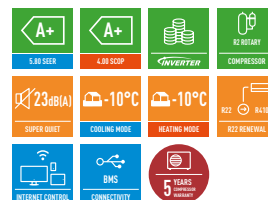


4 Way 60x60 Cassette Inverter

Kit			KIT-E9-PB4EA	KIT-E12-PB4EA	KIT-E18-RB4EA	KIT-E21-RB4EA
Cooling capacity	Nominal	kW	2.50	3.40	5.00	5.90
SEER	Nominal		5.80 A+	5.60 A+	5.80 A+	5.60 A+
Power input cooling	Nominal	kW	0.550	0.890	1.600	2.050
Heating capacity	Nominal	kW	3.20	4.50	5.60	7.00
SCOP	Nominal		4.00 A+	3.80 A	4.10 A+	
Power input heating	Nominal	kW	0.800	1.420	1.860	2.450
Indoor Unit			CS-E9PB4EA	CS-E12PB4EA	CS-E18RB4EAW	CS-E21RB4EAW
Power source		V	230			
Recommended fuse		A	16			
Connection		mm ²	4 x 1.5 to 2.5			
Air volume	Cool / Heat	m ³ /h	630 / 648	630 / 648	690 / 708	744 / 876
Sound pressure level ³⁾	Cooling (Hi / Lo / Q-Lo)	dB(A)	34 / 26 / 23	34 / 26 / 23	37 / 28 / 25	42 / 33 / 30
	Heating (Hi / Lo / Q-Lo)	dB(A)	35 / 28 / 25	35 / 28 / 25	38 / 29 / 26	43 / 34 / 31
Dimensions (H x W x D)	Indoor	mm	260 x 575 x 575			
	Panel	mm	51 x 700 x 700			
Net weight	Indoor / Panel	kg	18 / 2.5			
Outdoor Unit			CU-E9PB4EA	CU-E12PB4EA	CU-E18RBEA	CU-E21RBEA
Sound pressure level ³⁾	Cool / Heat (Hi)	dB(A)	45 / 46	45 / 47	47 / 48	49 / 50
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 pipes	Inch	1/4 / 3/8		1/4 / 1/2	
Piping length range / Elevation diff (in/out)		m	3 ~ 20 / 15		3 ~ 30 / 20	
Pipe length for add gas / Add gas amount		m / g/m	10 / 20			
Operating range	Cooling Min / Max	°C	-10 ~ +43			
	Heating Min / Max	°C	-10 / +24			
Kit Price		£	1,156.00	1,396.00	1,623.00	1,813.00
Indoor Unit Price		£	459.00	659.00	737.00	800.00
Outdoor Unit Price		£	559.00	599.00	748.00	875.00
CZ-BT20E Panel Price		£	138.00	138.00	138.00	138.00



(Optional)



Accessories		Price £	Accessories		Price £
PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control	200.00	CZ-RD52CP	Wired remote control for Cassette and Hide Away	90.00
PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00	CZ-CAPRA1	Interface to ECOi control integration (available in June 2016)	135.00

1) EER and COP classification is at 230V 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 at a position 1 metre in front of the main body and 1.5m 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.

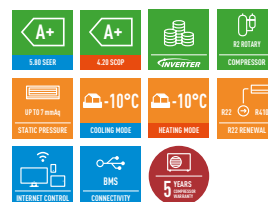
SEER and SCOP: For KIT-E9-PB4EA. SUPER QUIET: For KIT-E9-PB4EA and KIT-E12-PB4EA. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.

Low Static Pressure Hide Away Inverter

			KIT-E9-PD3EA	KIT-E12-QD3EAW	KIT-E18-RD3EA
Cooling capacity	Nominal	kW	2.50	3.40	5.10
SEER	Nominal		5.80 A+	5.60 A	5.80 A+
Power input cooling	Nominal	kW	0.590	0.880	1.600
Heating capacity	Nominal	kW	3.20	4.00	6.10
SCOP	Nominal		4.20 A+	3.80 A	3.90 A
Power input heating	Nominal	kW	0.860	1.130	1.830
Indoor Unit			CS-E9PD3EA	CS-E12QD3EAW	CS-E18RD3EAW
Power source		V	230		
Recommended fuse		A	16		
Connection		mm ²	4 x 1.5 to 2.5		
External static pressure ³⁾	Hi / Lo	Pa	57 / 25		
Air volume	Cool / Heat	m ³ /h	414 / 486	558 / 624	918 / 918
Sound pressure level ⁴⁾	Cool — Heat (Hi / Lo / S-Lo)	dB(A)	33 / 27 / 24 — 35 / 28 / 25	34 / 27 / 24 — 36 / 28 / 25	41 / 30 / 27 — 41 / 32 / 29
Dimensions	H x W x D	mm	235 x 750 x 370		200 x 750 x 640
Net weight		kg	17	19	19
Outdoor Unit			CU-E9PD3EA	CU-E12QD3EA	CU-E18RBEA
Sound pressure level ⁴⁾	Cool / Heat (Hi)	dB(A)	47 / 47	47 / 48	47 / 48
Dimensions ⁵⁾	H x W x D	mm	622 x 824 x 299	695 x 875 x 320	
Net weight		kg	36	45	47
Piping connections	Liquid / Gas pipes	Inch	1/4 / 3/8		1/4 / 1/2
Piping length range / Elevation diff (in/out)		m	3 ~ 20 / 15		3 ~ 30 / 20
Pipe length for add gas / Add gas amount		m	7.5 / 20		10 / 20
Operating range	Cool — Heat Min / Max	°C	-10 ~ +43 — -10 / +24		
Kit Price		£	1,199.00	1,275.00	1,582.00
Indoor Unit Price		£	679.00	717.00	834.00
Outdoor Unit Price		£	520.00	558.00	748.00



(Optional)



Accessories		Price £	Accessories		Price £
PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control	200.00	CZ-RD52CP	Wired remote control for Cassette and Hide Away	Included
PAW-IR-WIFI-1	IR Wifi interface for Internet control	200.00	CZ-CAPRA1	Interface to ECOi control integration (available in June 2016)	135.00

1) EER and COP classification is at 230V 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 at a position of 1.5m below the unit with 1m 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.

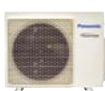
SEER and SCOP: For KIT-E9-PD3EA. INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



UP TO 5
INDOOR UNITS
WITH A SINGLE
OUTDOOR UNIT

Free Multi System

Free Multi System

Possible outdoor/indoor units combinations	System Capacity (Min-Max)	Indoor Unit capacity	Etherea 	Wall Mounted TZ and RE 	Floor Console 	Low Static Pressure Hide Away 	4 Way 60x60 Cassette 
CU-2E12SBE (2 Rooms) 	3.2kW - 5.7kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW	CS-E9GFEW CS-E12GFEW	CS-E9PD3EA CS-E12D03EAW ²	CS-E9PB4EA CS-E12PB4EA ²
CU-2E15SBE (2 Rooms) 	3.2kW - 5.7kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW	CS-E9GFEW CS-E12GFEW	CS-E9PD3EA CS-E12D03EAW ²	CS-E9PB4EA CS-E12PB4EA ²
CU-2E18SBE (2 Rooms) 	3.2kW - 7.5kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW	CS-E9GFEW CS-E12GFEW	CS-E9PD3EA CS-E12D03EAW ²	CS-E9PB4EA CS-E12PB4EA ²
CU-3E18PBE (3 Rooms) 	4.5kW - 9.0kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW 15 - 4.0kW 18 - 5.0kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M CS-Z15SKEW-M ² CS-XZ18SKEW-M ² / CS-Z18SKEW-M ²	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW CS-TZ18SKEW / CS-RE18RKEW	CS-E9GFEW CS-E12GFEW CS-E18GFEW ²	CS-E9PD3EA CS-E12D03EAW ² CS-E18RD3EAW	CS-E9PB4EA CS-E12PB4EA ² CS-E18RB4EAW
CU-3E23SBE (3 Rooms) 	4.5kW - 11.0kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW 15 - 4.0kW 18 - 5.0kW 21 - 6.8kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M CS-Z15SKEW-M ² CS-XZ18SKEW-M ² / CS-Z18SKEW-M ² CS-E21QKEW	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW CS-TZ18SKEW / CS-RE18RKEW	CS-E9GFEW CS-E12GFEW CS-E18GFEW ²	CS-E9PD3EA CS-E12D03EAW ² CS-E18RD3EAW	CS-E9PB4EA CS-E12PB4EA ² CS-E18RB4EAW CS-E21RB4EAW
CU-4E23PBE (4 Rooms) 	4.5kW - 11.0kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW 15 - 4.0kW 18 - 5.0kW 21 - 6.8kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M CS-Z15SKEW-M ² CS-XZ18SKEW-M ² / CS-Z18SKEW-M ² CS-E21QKEW	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW CS-TZ18SKEW / CS-RE18RKEW	CS-E9GFEW CS-E12GFEW CS-E18GFEW ²	CS-E9PD3EA CS-E12D03EAW ² CS-E18RD3EAW	CS-E9PB4EA CS-E12PB4EA ² CS-E18RB4EAW CS-E21RB4EAW
CU-4E27PBE (4 Rooms) 	4.5kW - 13.6kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW 15 - 4.0kW 18 - 5.0kW 21 - 6.8kW 24 - 7.1kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M CS-Z15SKEW-M ² CS-XZ18SKEW-M ² / CS-Z18SKEW-M ² CS-E21QKEW CS-E24QKEW	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW CS-TZ18SKEW / CS-RE18RKEW CS-TZ24SKEW / CS-RE24RKEW	CS-E9GFEW CS-E12GFEW CS-E18GFEW ²	CS-E9PD3EA CS-E12D03EAW ² CS-E18RD3EAW	CS-E9PB4EA CS-E12PB4EA ² CS-E18RB4EAW CS-E21RB4EAW
CU-5E34PBE (5 Rooms) 	4.5kW - 17.5kW	5 - 1.6kW 7 - 2.0kW 9/10 - 2.5kW ¹ 12 - 3.2kW 15 - 4.0kW 18 - 5.0kW 21 - 6.8kW 24 - 7.1kW	CS-MZ5SKE-M CS-XZ7SKEW-M / CS-Z7SKEW-M CS-XZ9SKEW-M / CS-Z9SKEW-M CS-XZ12SKEW-M / CS-Z12SKEW-M CS-Z15SKEW-M ² CS-XZ18SKEW-M ² / CS-Z18SKEW-M ² CS-E21QKEW CS-E24QKEW	CS-TZ9SKEW / CS-RE9RKEW CS-TZ12SKEW / CS-RE12RKEW CS-TZ18SKEW / CS-RE18RKEW CS-TZ24SKEW / CS-RE24RKEW	CS-E9GFEW CS-E12GFEW CS-E18GFEW ²	CS-E9PD3EA CS-E12D03EAW ² CS-E18RD3EAW	CS-E9PB4EA CS-E12PB4EA ² CS-E18RB4EAW CS-E21RB4EAW

1) 9 - 2.8kW for Floor Console. 2) A C2-MA1P pipe reducer is needed on the E15 and E18, a C2-MA2P pipe expander is needed on the E21.

Free Multi Indoor Units

Etherea			1.6kW	2.0kW	2.5kW	3.2kW	4.0kW	5.0kW	6.0kW	7.1kW
Indoor Unit Silver Plated*			—	CS-XZ7SKEW-M	CS-XZ9SKEW-M	CS-XZ12SKEW-M	—	CS-XZ18SKEW-M	—	—
Indoor Unit White Matt*			CS-MZ5SKE-M	CS-Z7SKEW-M	CS-Z9SKEW-M	CS-Z12SKEW-M	CS-Z15SKEW-M	CS-Z18SKEW-M	CS-E210KEW	CS-E24QKEW
Cooling capacity	Nominal	kW	1.60	2.00	2.50	3.20	4.00	5.00	6.00	7.00
Heating capacity	Nominal	kW	2.60	3.20	3.60	4.50	5.60	6.80	8.50	8.70
Connection		mm ²	4 x 1.5							
Sound pressure level ¹	Cooling (Hi / Lo / S-Lo)	dB(A)	39 / 29 / 23	40 / 26 / 23		44 / 32 / 26	44 / 32 / 26	46 / 33 / 30		49 / 38 / 35
	Heating (Hi / Lo / S-Lo)	dB(A)	39 / 29 / 23	40 / 26 / 23		44 / 32 / 26	44 / 33 / 32	46 / 35 / 32		48 / 38 / 35
Dimensions / Net weight	H x W x D	mm / kg	295 x 870 x 255 / 9						290 x 1,070 x 255 / 12	
Piping connections	Liquid pipe / Gas pipe	Inch	1/4 / 3/8				1/4 / 1/2		1/4 / 5/8	
Indoor Unit Silver Plated Price		€	—	259.00	314.00	358.00	—	583.00	—	—
Indoor Unit White Matt Price		€	223.00	238.00	292.00	325.00	339.00	447.00	532.00	616.00

* Available in June 2016.

Wall Mounted TZ / RE			2.5kW	3.2kW	5.0kW	7.1kW
Indoor Unit TZ			CS-TZ9SKEW*	CS-TZ12SKEW*	CS-TZ18SKEW*	CS-TZ24SKEW**
Indoor Unit RE			CS-RE9RKEW	CS-RE12RKEW	CS-RE18RKEW	CS-RE24RKEW
Cooling capacity	Nominal	kW	2.50	3.20	5.00	7.00
Heating capacity	Nominal	kW	3.60	4.50	6.80	8.70
Connection			4 x 1.5			
Sound pressure level ¹	Cooling (Hi / Lo / S-Lo)	dB(A)	40 / 26 / 20	42 / 30 / 20	44 / 37 / 34	47 / 38 / 35
	Heating (Hi / Lo / S-Lo)	dB(A)	40 / 27 / 24	42 / 33 / 25	44 / 37 / 34	47 / 38 / 35
Dimensions / Net weight	TZ H x W x D	mm / kg	290 x 870 x 214 / 9			290 x 1,070 x 235 / 12
	RE H x W x D	mm / kg	290 x 870 x 204 / 9			290 x 1,070 x 240 / 12
Piping connections	Liquid pipe / Gas pipe	Inch	1/4 / 3/8		1/4 / 1/2	1/4 / 5/8
Indoor Unit TZ			£	261.00	289.00	401.00
Indoor Unit RE			£	219.00	243.00	337.00

* Available in April 2016. ** Available in May 2016.

			Floor Console			Low Static Pressure Hide Away		
			2.8kW	3.2kW	5.0kW	2.5kW	3.2kW	5.0kW
Indoor			CS-E9GFEW	CS-E12GFEW	CS-E18GFEW	CS-E9PD3EA	CS-E120D3EAW	CS-E18RD3EAW
Cooling capacity	Nominal	kW	2.80	3.20	5.00	2.50	3.40	5.10
Heating capacity	Nominal	kW	4.00	4.50	6.80	3.20	4.00	6.10
Connection			4 x 1.5			4 x 1.5 to 2.5		
Sound pressure level ¹	Cooling (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 28 / 24	44 / 36 / 32	33 / 27 / 24	34 / 27 / 24	41 / 30 / 27
	Heating (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 27 / 23	46 / 36 / 32	35 / 28 / 25	36 / 28 / 25	41 / 32 / 29
Dimensions / Net weight	H x W x D	mm / kg	600 x 700 x 210 / 14			235 x 750 x 370 / 17		200 x 750 x 640 / 19
Piping connections	Liquid pipe / Gas pipe	Inch	1/4 / 3/8		1/4 / 1/2	1/4 / 3/8		1/4 / 1/2
Indoor Unit Price			£	599.00	648.00	777.00	679.00	717.00
			£				717.00	834.00

4 Way 60x60 Cassette			2.5kW	3.2kW	5.0kW	6.0kW
Indoor / Panel			CS-E9PB4EA / CZ-BT20E	CS-E12PB4EA / CZ-BT20E	CS-E18RB4EAW / CZ-BT20E	CS-E21RB4EAW / CZ-BT20E
Cooling capacity	Nominal	kW	2.50	3.40	5.00	5.90
Heating capacity	Nominal	kW	3.20	4.50	5.60	7.00
Connection			4 x 1.5 to 2.5			
Sound pressure level ¹	Cooling (Hi / Lo / S-Lo)	dB(A)	34 / 26 / 23		37 / 28 / 25	42 / 33 / 30
	Heating (Hi / Lo / S-Lo)	dB(A)	35 / 28 / 25		38 / 29 / 26	43 / 34 / 31
Dimensions (H x W x D) /	Indoor	mm / kg	260 x 575 x 575 / 18			
Net weight	Panel	mm / kg	51 x 700 x 700 / 2.5			
Piping connections	Liquid pipe / Gas pipe	Inch	1/4 / 3/8		1/4 / 1/2	
Indoor Unit Price			£	459.00	737.00	800.00
Panel Price			£	138.00	138.00	138.00

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.

Free Multi Outdoor Units

Outdoor Unit			3.2 to 5.7kW	3.2 to 5.7kW	3.2 to 7.5kW	4.5 to 9.0kW	4.5 to 11.0kW	4.5 to 11.0kW	4.5 to 13.6kW	4.5 to 17.5kW	
Unit			CU-2E12SBE*	CU-2E15SBE*	CU-2E18SBE*	CU-3E18PBE	CU-3E23SBE*	CU-4E23PBE	CU-4E27PBE	CU-5E34PBE	
Cooling capacity	Nominal	kW	3.60	4.50	5.20	5.20	6.80	6.80	8.00	10.00	
SEER	Nominal			6.50 A++		5.60 A+	7.00 A++	5.60 A+	7.00 A++	6.50 A++	
Heating capacity	Nominal	kW	4.40 (1.10 - 5.60)	5.40	5.60	6.80	8.50	8.50	9.40	12.00	
SCOP	Nominal			4.00 A+		3.80 A	4.00 A+	4.00 A+	4.00 A+	4.00 A+	
Current	Cool / Heat	A	3.75 / 4.20	5.75 / 5.20	7.10 / 5.35	5.30 / 6.70	8.40 / 9.60	7.50 / 8.80	9.40 / 9.80	13.20 / 13.40	
Power source			230								
Recommended fuse			16				20		25		
Recommended power cable section			2.5				2.5		3.5		
Sound pressure level ³⁾	Cool / Heat (Hi)	dB(A)	47 / 49		49 / 51	46 / 47	50 / 51		51 / 52	53 / 54	
Dimensions ⁴⁾	H x W x D	mm	619 x 824 x 299			795 x 875 x 320		795 x 875 x 320	999 x 940 x 340	999 x 940 x 340	
Net weight		kg	39			71		72	80	81	
Piping connections		Liquid / Gas pipes	1/4 / 3/8								
Elevation difference (in/out) Max		m	10			15					
Piping length total		m	3 ~ 30			3 ~ 50	~ 60		~ 80		
Piping length to one unit		m	3 ~ 20			3 ~ 25					
Pipe length for additional gas / Additional gas amount		m / g/m	20 / 15			30 / 20				45 / 20	
Operating range		Cool — Heat Min / Max °C	-10 / +46 — -15 ~ +24								
Outdoor Unit Price			£	854.00	970.00	1,102.00	1,329.00	1,511.00	1,693.00	2,126.00	2,497.00

1) EER and COP classification is at 230V 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 or 95 mm for piping port. Minimum quantity of connection: 2 indoor units.* Available in March 2016.

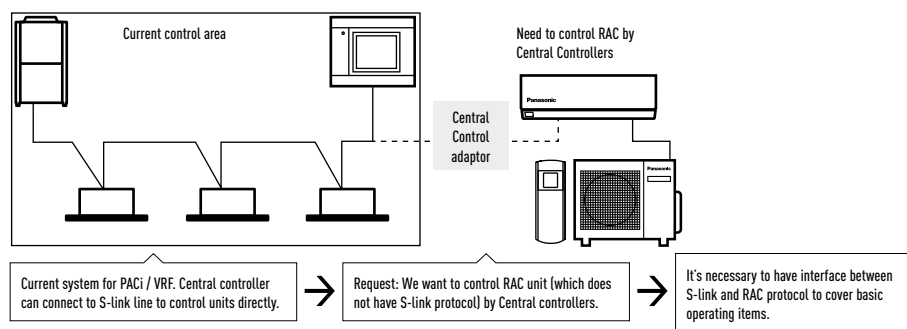


Control and Connectivity

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 from anywhere in the world thanks to the internet applications Panasonic has created for you.

New Domestic integration to P-Line - CZ-CAPRA1

Can connect all ranges to P-Line. Full control is now possible.



Integrates any unit in big system control

- PKEA Server room integration
- Small offices with Domestic indoors
- Tender for refurbishment (old system Domestic and VRF in one installation)

Basic operation items		External input	
ON/OFF	✓	ON/OFF control signal	✓
Mode select	✓	Abnormal stop signal	✓
Temperature setting	✓	VRF remote control connection	—
Fan speed	✓	Prohibit, Mode change	—
Flap setting	✓	External output for Relay ¹⁾	—
Remote control prohibit	✓	Operation status (ON/OFF)	✓
Demand control	—	Alarm status output	✓
Econavi ON/OFF	✓	External heater control output	—

1) Because current CN-CNT connector can not provide the power for external output relay, additional power input for external relay is necessary.

Centralized Control Systems



64 Indoor Units

Intelligent Controller / Web Server



256 Indoor Units

P-AIMS



1.024 Indoor Units

Panasonic AC Smart Cloud



Easy connectivity

CN-CNT easy to access. Previous Etherea indoor unit had to be dismantled to reach connector.



Can easier connect:

- Wifi accessory
- KNX
- Modbus
- New CZ-CAPRA1 to integrate to PACi control

Accessories Interfaces		Price £
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 (TZ, UZ, 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	200.00
 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	300.00
 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	300.00
 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	300.00
 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.	450.00
 PAW-AC-DIO	Dry contact ON/OFF Interface. Panasonic has developed for hotels applications a dry contact PCB which works with Etherea, TZ, UZ 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	150.00
 CZ-CAPRA1	NEW Domestic with CZ-CNT port integration to PACi and ECOi (available in June 2016)	135.00
PA-AC-WIFI-1	Interface for IntesisHome for Etherea, Mini cassettes and mini concealed ducts models	200.00
PAW-AC-HEAT-1	Heating only PCB for Etherea, 4-Way 60x60 cassette and Low static pressure hide away	105.00

Individual Controls		Price £
 CZ-RD514C	Wired remote control for wall type for Etherea, RE, UE and PE models	102.00
 CZ-RD52CP	Wired remote control for wall type for Mini cassettes and mini concealed ducts	90.00
 CZ-BT20E	Panel Mini Cassette	138.00



PACi

Panasonic Commercial air to air

ENERGY SAVING



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.



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!



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

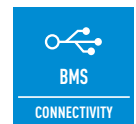
HIGH CONNECTIVITY



The new Cloud system from Panasonic allows you to have complete control of all your installations. In a simple click, all your units from several locations, receive status updates in real-time of all your installations, preventing breakdowns and optimizing costs.



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. Optional part.



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.

HIGH PERFORMANCE



The air conditioner works in cooling only mode with an outdoor temperature of -15°C.



The air conditioner works in heat pump mode even when outdoor temperatures are as low as -20°C or -15°C.



DC Fan: Save and precise.



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. We guarantee the outdoor unit compressors in the entire range for five years. Only for PRO Partners.

Commercial Range Highlights



Big PACi Hide Away 20-25kW

New big capacity ducts with DC fans.
High efficiency and only from 38dB(A) operation.

ECONAVI



Econavi

Econavi for PACi is more than just a sensor. It also analyse occupancy and activity level adjusting operation for improve comfort and reduce energy. Compatible with any PACi and ECOi.

SEASONAL
EFFICIENCY
SEER — SCOP

A++ A+



Elite TOP features

Outstanding performance at low temperatures, high energy efficiency, power consumption in remote control display.



Server room solutions

Choose the best solution to ensure any server room needs. Designed for high durability and adverse weather conditions its server room ad hoc control assure permanent operation and failure alarms communications.



Complete AHU Solution

Demand control 0-10V, box IP65 case, cold draft prevention, monitoring status digital output, remote control built-in.

KNX

Modbus®

BACnet™



Control and connectivity

Control your units from anywhere with the Wifi adapter or Integrate to any BMS protocol: KNX, Modbus or BACnet. With new Modbus interface to control 4 indoors without additional gateway.



R22 replacement

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

Range of Commercial units

Wall Mounted for professional applications	2.8kW	3.2kW	4.5kW	5.0kW
Wall Mounted PKEA*	 CS-E9PKEA	 CS-E12PKEA	 CS-E15PKEA	 CS-E18PKEA

* PKEA indoor units are only compatible with PKEA Outdoor Units.

Indoor Units PACi Standard And Elite	3.6kW	4.5kW	5.0kW	6.0kW
Wall PACi Inverter+	 S-36PK1E5A	 S-45PK1E5A	 S-50PK1E5A	 S-60PK1E5A
4 Way 60x60 Cassette PACi Inverter+	 S-36PY2E5A	 S-45PY2E5A	 S-50PY2E5A	
4 Way 90x90 Cassette PACi Inverter+	 S-36PU1E5A	 S-45PU1E5A	 S-50PU1E5A	 S-60PU1E5A
Low Static Pressure Hide Away PACi Inverter+	 S-36PN1E5A	 S-45PN1E5A	 S-50PN1E5A	 S-60PN1E5A
High Static Pressure Hide Away PACi Inverter+	 S-36PF1E5A	 S-45PF1E5A	 S-50PF1E5A	 S-60PF1E5A
Ceiling PACi Inverter+	 S-36PT2E5A	 S-45PT2E5A	 S-50PT2E5A	 S-60PT2E5A
High Static Pressure Hide Away 20.0 - 25.0kW PACi Inverter+				
Air Curtain with DX Coil Jet-Flow				
Air Curtain with DX Coil Standard				

* The indoor units from 3.6 to 5.0kW are only available only for Twin, Triple and Double-Twin combinations.

Outdoor Units PACi Standard and Elite			5.0kW	6.0kW
PACi Standard				 U-60PEY1E5 ¹
PACi Elite			 U-50PE1E5 ¹	 U-60PE1E5 ¹

¹ Single Phase ¹¹ Three Phase

Air Handling Unit

2 types of AHU Kit: Advanced and Standard.
Up to 28kW

28.0kW



CZ-280PAH1
PAW-280PAH2 // PAW-280PAH2L

(Common use for all outdoor units. Only 1 by 1 connection is allowed.)

7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW
 S-71PK1E5A	 S-100PK1E5A (9.5kW)				
 S-71PU1E5A	 S-100PU1E5A	 S-125PU1E5A	 S-140PU1E5A		
 S-71PN1E5A	 S-100PN1E5A	 S-125PN1E5A	 S-140PN1E5A		
 S-71PF1E5A	 S-100PF1E5A	 S-125PF1E5A	 S-140PF1E5A		
 S-71PT2E5A	 S-100PT2E5A	 S-125PT2E5A	 S-140PT2E5A		
				 S-200PE2E5	 S-250PE2E5
	 PAW-10PAIRC-MJ (9.2kW)		 PAW-15PAIRC-MJ (17.5kW)	 PAW-20PAIRC-MJ (23.1kW)	
	 PAW-10PAIRC-MS (9.2kW)		 PAW-20PAIRC-MS (17.5kW)		

7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW
 U-71PEY1E5	 U-100PEY1E5 // U-100PEY1E8	 U-125PEY1E5 // U-125PEY1E8	 U-140PEY1E8		
 U-71PE1E5A // U-71PE1E8A	 U-100PE1E5A // U-100PE1E8A	 U-125PE1E5A // U-125PE1E8A	 U-140PE1E5A // U-140PE1E8A	 U-200PE1E8	 U-250PE1E8



PACi, compact and extremely efficient

Here are some of your new air conditioner's major features.

Panasonic has developed an impressive range of highly efficient Commercial Air Conditioners. This range confirms our commitment to the environment. Our Inverter compressors optimise performance and thus reduce energy costs.

PACi Elite. Newly designed next generation

Energy-saving concept. The use of energy saving design for the structure of fans, fan motors, compressors and heat exchangers resulted in high COP value which ranked as one the top class in the industry. In addition, use of highly efficient R410A refrigerant reduces CO₂ emission and lowers operating costs.

PACi Standard. For economy and value

With high quality design and engineering, the PACi Standard is the perfect solution for projects which demand quality on a limited budget. In addition, its compact size and light weight make it ideal for installations with limited space including small commercial and residential applications.



PACi Kits



PACi STANDARD Ceiling Inverter+

STANDARD

A++	A	-10°C	-15°C
6.10 SEER	3.95 SCOP	COOLING MODE	HEATING MODE

ELITE

A++	A	-15°C	-20°C
6.44 SEER	3.88 SCOP	COOLING MODE	HEATING MODE

INVERTER+	R32	1022 REMOVAL	INTERNET CONTROL	BMS CONNECTIVITY	5 YEARS WARRANTY
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			Single Phase				Three Phase		
			6.0kW	7.1kW	10.0kW	12.5kW	10.0kW	12.5kW	14.0kW
KIT			KIT-60PTY2E5-C4	KIT-71PTY2E5-C4	KIT-100PTY2E5-C4	KIT-125PTY2E5-C4	KIT-100PTY2E8-C4	KIT-125PTY2E8-C4	KIT-140PTY2E8-C4
Cooling capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SEER ²⁾	Nominal		6.7 A++	6.1 A++	—	—	6.0 A+	—	—
Heating capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SCOP ⁵⁾	Nominal		4.0 A+	4.0 A+	3.9 A	3.40 ⁴⁾	3.9 A	3.40 ⁴⁾	3.52 ⁴⁾
Indoor Unit			S-60PTZE5A	S-71PTZE5A	S-100PTZE5A	S-125PTZE5A	S-100PTZE5A	S-125PTZE5A	S-140PTZE5A
Air volume	Hi / Med / Lo	m³/h	1,200 / 1,020 / 870	1,260 / 1,080 / 930	1,800 / 1,500 / 1,380	2,040 / 1,680 / 1,440	1,800 / 1,500 / 1,380	2,040 / 1,680 / 1,440	2,100 / 1,740 / 1,500
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	38 / 34 / 30	39 / 35 / 31	42 / 37 / 35	46 / 40 / 36	42 / 37 / 35	46 / 40 / 36	47 / 41 / 37
Dimensions	H x W x D	mm	235 x 1,275 x 690			235 x 1,590 x 690			
Net weight		kg	33			40			
Outdoor Unit			U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8
Power source	V		220 / 230 / 240				380 / 400 / 415		
Recommended fuse	A		20		25	30	16		
Connection	mm²		2.5		4.0	6.0	2.5		
Sound pressure	Cool / Heat (Hi)	dB(A)	46 / 50		54 / 54	56 / 56	54 / 54	56 / 56	54 / 53
Dimensions	H x W x D	mm	569 x 790 x 285			996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1,416 x 940 x 340
Net weight		kg	42		73	85	73	85	98
Piping connections	Liquid / Gas pipes	Inch	3/8 / 5/8						
Piping length range / Max elevation ⁷⁾		m	5 ~ 50 / 30						
Pipe length for add gas		m	20			30			
Add gas amount		g/m	40			50			
Operating range	Cool / Heat Min ~ Max	°C	-10 ~ +43 / -15 ~ +24						
Kit Price	£		1,842.00	2,044.00	2,658.00	3,027.00	2,746.00	3,111.00	3,872.00
Indoor Unit Price	£		836.00	874.00	1,129.00	1,324.00	1,129.00	1,324.00	1,588.00
Outdoor Unit Price	£		902.00	1,066.00	1,425.00	1,599.00	1,513.00	1,683.00	2,180.00
CZ-RTC4 Wired Remote Control Price	£		104.00	104.00	104.00	104.00	104.00	104.00	104.00

Optional Controller
Wired remote control
CZ-RTC5Optional Controller
Wireless remote control
CZ-RWST3N

INTERNET CONTROL: Optional. SEER and SCOP: For KIT-100PTY2E5A-C4 (Standard) and KIT-60PTY2E5A-C4 (Elite). 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners. Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

PACi ELITE Ceiling Inverter+

			Single Phase						Three Phase			
			5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	7.1kW	10.0kW	12.5kW	14.0kW
KIT			KIT-50PT2E5-C4	KIT-60PT2E5-C4	KIT-71PT2E5-C4	KIT-100PT2E5-C4	KIT-125PT2E5-C4	KIT-140PT2E5-C4	KIT-71PT2E8-C4	KIT-100PT2E8-C4	KIT-125PT2E8-C4	KIT-140PT2E8-C4
Cooling capacity	Nominal	kW	5.0	6.0	7.1	10.0	12.5	14.0	7.1	10.0	12.5	14.0
SEER ²⁾	Nominal		6.4 A++	6.8 A++	6.2 A++	6.7 A++	—	—	5.9 A+	6.6 A++	—	—
Heating capacity	Nominal	kW	5.6	7.0	8.0	11.2	14.0	16.0	8.0	11.2	14.0	16.0
SCOP ³⁾	Nominal		4.0 A	4.1 A+	4.0 A+	4.3 A+	3.63 ⁴⁾	3.41 ⁴⁾	4.0 A+	4.3 A+	3.63 ⁴⁾	3.41 ⁴⁾
Indoor Unit			S-50PT2E5A	S-60PT2E5A	S-71PT2E5A	S-100PT2E5A	S-125PT2E5A	S-140PT2E5A	S-71PT2E5A	S-100PT2E5A	S-125PT2E5A	S-140PT2E5A
Air volume	Hi / Med / Lo	m³/h	900 / 750 / 630	1,200 / 1,020 / 870	1,260 / 1,080 / 930	1,800 / 1,500 / 1,380	2,040 / 1,680 / 1,440	2,100 / 1,740 / 1,500	1,260 / 1,080 / 930	1,800 / 1,500 / 1,380	2,040 / 1,680 / 1,440	2,100 / 1,740 / 1,500
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	37 / 33 / 29	38 / 34 / 30	39 / 35 / 31	42 / 37 / 35	46 / 40 / 36	47 / 41 / 37	39 / 35 / 31	42 / 37 / 35	46 / 40 / 36	47 / 41 / 37
Dimensions	H x W x D	mm	235x960x690	235x1,275x690		235x1,590x690			235x1,275x690		235x1,590x690	
Net weight		kg	27	33		40			33		40	
Outdoor Unit			U-50PE1E5	U-60PE1E5A	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
Power source	V	220 / 230 / 240							380 / 400 / 415			
Recommended fuse	A	16	20			25	30	16				
Connection	mm²	2.5				4.0	6.0	2.5				
Sound pressure	Cool / Heat (Hi)	dB(A)	46 / 50	48 / 50		52 / 52	53 / 53	54 / 55	48 / 50	52 / 52	53 / 53	54 / 55
Dimensions	H x W x D	mm	569x790x285	996x940x340		1,416x940x340			996x940x340		1,416x940x340	
Net weight		kg	42	68	69	98			71	98		
Piping connections	Liquid / Gas pipes	Inch	1/4 / 1/2					3/8 / 5/8				
Piping length range		m	5 ~ 40	5 ~ 50			5 ~ 75		5 ~ 50	5 ~ 75		
Elevation difference (in/out) ⁷⁾		m							30			
Pipe length for add gas		m							30			
Add gas amount		g/m	20	50								
Operating range	Cool / Heat Min ~ Max	°C	-15 ~ +46 / -20 ~ +24									
Kit Price	£		2,094.00	2,265.00	2,413.00	3,144.00	3,499.00	4,127.00	2,457.00	3,175.00	3,593.00	4,368.00
Indoor Unit Price	£		767.00	836.00	874.00	1,129.00	1,324.00	1,588.00	874.00	1,129.00	1,324.00	1,588.00
Outdoor Unit Price	£		1,223.00	1,325.00	1,435.00	1,911.00	2,071.00	2,435.00	1,479.00	1,942.00	2,165.00	2,676.00
CZ-RTC4 Wired Remote Control Price	£		104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00

Accessories		Price £
CZ-RWST3N	Wireless remote control	145.00
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption (600 x 95 x 130 mm, 500 kg)	100.00
CZ-RTC5	Optional touch panel controller	208.00

Accessories		Price £
CZ-140DRS1	PACi Drain kit to suit all PACi system other than those covered by CZ-50DRS1	19.00
CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5	12.00

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption(ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) The Sound pressure level of the units shows the value measured at a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

SEASONAL
EFFICIENCY
SEER — SCOP

A++

A+

Solutions for server rooms

High efficiency products for 24/7 applications

Panasonic has developed a complete range of solutions for server rooms which efficiently protect your servers, keeping them at an appropriate temperature even when the outdoor temperature is below -20°C.



WALL MOUNTED PKEA Professional Inverter -20°C

Kit			KIT-E9-PKEA	KIT-E12-PKEA	KIT-E15-PKEA	KIT-E18-PKEA
Cooling capacity	Nominal	kW	2.50	3.50	4.20	5.00
SEER ²⁾	Nominal		7.1 A++	6.7 A++	6.3 A++	6.9 A++
Heating capacity	Nominal	kW	3.40	4.00	5.40	5.80
SCOP ⁵⁾	Nominal		4.4 A+	4.1 A+	3.9 A	4.2 A+
Indoor Unit			CS-E9PKEA	CS-E12PKEA	CS-E15PKEA	CS-E18PKEA
Power source	V		230			
Recommended fuse	A		16			
Connection indoor / outdoor	mm		4 x 1.5			
Air Volume	Cool / Heat	m³/h	798 / 876	816 / 882	846 / 900	1,074 / 1,158
Sound pressure level ³⁾	Cool — Heat (Hi / Lo / S-Lo)	dB(A)	39 / 26 / 23 — 40 / 27 / 24	42 / 29 / 26 — 42 / 33 / 29	43 / 32 / 29 — 43 / 35 / 29	44 / 37 / 34 — 44 / 37 / 34
Dimensions	H x W x D	mm	295 x 870 x 255			
Net weight	kg		10			
Outdoor Unit			CU-E9PKEA	CU-E12PKEA	CU-E15PKEA	CU-E18PKEA
Sound pressure level ⁴⁾	Cool / Heat (Hi)	dB(A)	46 / 47	48 / 50	46 / 46	47 / 47
Dimensions	H x W x D	mm	622 x 824 x 299			
Net weight	kg		36			
Piping connections	Liquid / Gas pipes	Inch	1/4 / 3/8			
Piping length range / Elevation diff (in/out) ⁸⁾	m		3 ~ 15 / 5			
Pipe length for additional gas / Add gas amount	m / g/m		7.5 / 20			
Operating range	Cool — Heat Min / Max	°C	-20 / +43 — -15 ~ +24			
Kit Price	€		965.00	1,107.00	1,260.00	1,400.00
Indoor Unit Price	€		318.00	358.00	420.00	500.00
Outdoor Unit Price	€		647.00	749.00	840.00	900.00

Accessories		Price €
PAW-SERVER-PKEA	PCB for installation in server rooms with security	200.00
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption	100.00

Rating Conditions for cooling capacity at low temperature: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 0°C DB / -10°C WB.

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption (ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) Add 70 mm for piping port. 8) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

SEER and SCOP: For KIT-E9-PKEA.

PACi Kits



STANDARD

ELITE



PACi STANDARD Wall Mounted Inverter+

			Single Phase				Three Phase
			6.0kW	7.1kW	10.0kW	10.0kW	10.0kW
KIT			KIT-60PYK1E5-C4	KIT-71PYK1E5-C4	KIT-100PYK1E5-C4	KIT-100PYK1E8-C4	
Cooling capacity	Nominal	kW	6.0	7.1	9.0	9.0	
SEER ²⁾			5.4 A	5.1 A	5.8 A+	5.7 A+	
Heating capacity	Nominal	kW	6.0	7.1	9.0	9.0	
SCOP ³⁾			3.9 A	3.9 A	3.8 A	3.8 A	
Indoor Unit			S-60PK1E5A	S-71PK1E5A	S-100PK1E5A	S-100PK1E5A	
Air volume	Hi / Med / Lo	m³/h	1,080 / 870 / 690	1,080 / 870 / 690	1,140 / 990 / 780	1,140 / 990 / 780	
Sound pressure level ⁴⁾	Hi / Med / Lo	dB(A)	47 / 44 / 40			49 / 45 / 41	
Dimensions	H x W x D	mm	300 x 1,065 x 230				
Net weight		kg	14.5				
Outdoor Unit			U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-100PEY1E8	
Power source		V	220 / 230 / 240			380 / 400 / 415	
Recommended fuse		A	20			25	
Connection		mm²	2.5			4.0	
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50			54 / 54	
Dimensions	H x W x D	mm	569 x 790 x 285			996 x 940 x 340	
Net weight		kg	42			73	
Piping connections	Liquid / Gas pipes	Inch	3/8 / 5/8				
Piping length range / Max Elevation ⁷⁾		m	5 ~ 50 / 30				
Pipe length for add gas		m	20			30	
Additional gas amount		g/m	40			50	
Operating range	Cool/ Heat Min ~ Max	°C	-10 ~ +43 / -15 ~ +24				
Kit Price		£	1,842.00	2,070.00	2,498.00	2,586.00	
Indoor Unit Price		£	836.00	900.00	969.00	969.00	
Outdoor Unit Price		£	902.00	1,066.00	1,425.00	1,513.00	
CZ-RTC4 Wired Remote Control Price		£	104.00	104.00	104.00	104.00	

Optional Controller
Wired remote control
CZ-RTC5Optional Controller
Wireless remote control
CZ-RWSK2

INTERNET CONTROL: Optional. SEER and SCOP: For KIT-60PYK1E5A-C4 (Standard), KIT-60PYK1E5A (Elite) and KIT-71PYK1E5A (Elite). 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners. Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

PACi ELITE Wall Mounted Inverter+

			Single Phase				Three Phase	
			5.0kW	6.0kW	7.1kW	10.0kW	7.1kW	10.0kW
KIT			KIT-50PK1E5-C4	KIT-60PK1E5-C4	KIT-71PK1E5-C4	KIT-100PK1E5-C4	KIT-71PK1E8-C4	KIT-100PK1E8-C4
Cooling capacity	Nominal	kW	5.0	6.0	7.1	9.5	7.1	9.5
SEER ²⁾			6.0 A+	6.6 A++	7.1	6.2 A++	6.1 A++	6.0 A+
Heating capacity	Nominal	kW	5.6	7.0	8.0	9.5	8.0	9.5
SCOP ³⁾				3.9 A			3.8 A	
Indoor Unit			S-50PK1E5A	S-60PK1E5A	S-71PK1E5A	S-100PK1E5A	S-71PK1E5A	S-100PK1E5A
Air volume	Hi / Med / Lo	m³/h	840 / 720 / 630	1,080 / 870 / 690	1,080 / 870 / 690	1,140 / 990 / 780	1,080 / 870 / 690	1,140 / 990 / 780
Sound pressure level ⁴⁾	Hi / Med / Lo	dB(A)	40 / 36 / 32	47 / 44 / 40		49 / 45 / 41	47 / 44 / 40	49 / 45 / 41
Dimensions	H x W x D	mm	300 x 1,065 x 230			300 x 1,065 x 230		
Net weight		kg	13.0			14.5		
Outdoor Unit			U-50PE1E5	U-60PE1E5A	U-71PE1E5A	U-100PE1E5A	U-71PE1E8A	U-100PE1E8A
Power source		V	220 / 230 / 240				380 / 400 / 415	
Recommended fuse		A	16	20		25	16	
Connection		mm²		2.5		4.0	2.5	
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50	48 / 50		52 / 52	48 / 50	52 / 52
Dimensions	H x W x D	mm	569 x 790 x 285	996 x 940 x 340	996 x 940 x 340	1,416 x 940 x 340	996 x 940 x 340	1,416 x 940 x 340
Net weight		kg	42	68	69	98	71	98
Piping connections	Liquid / Gas pipes	Inch	1/4 / 1/2				3/8 / 5/8	
Piping length range / Max Elevation ⁷⁾		m	5 ~ 40 / 30	5 ~ 50 / 30		5 ~ 75 / 30	5 ~ 50 / 30	5 ~ 75 / 30
Pipe length for add gas		m		30				
Additional gas amount		g/m	20	50				
Operating range	Cool/Heat Min ~ Max	°C	-15 ~ +46 / -20 ~ +24					
Kit Price		£	2,133.00	2,265.00	2,439.00	2,984.00	2,483.00	3,015.00
Indoor Unit Price		£	806.00	836.00	900.00	969.00	900.00	969.00
Outdoor Unit Price		£	1,223.00	1,325.00	1,435.00	1,911.00	1,479.00	1,942.00
CZ-RTC4 Wired Remote Control Price		£	104.00	104.00	104.00	104.00	104.00	104.00

Accessories		Price £	Accessories		Price £
CZ-RTC5	Optional touch panel controller	208.00	PAW-PACR3	Interfaces to run 3 units on Backup and alternative run	1,500.00
CZ-RWSK2	Wireless remote controller receiver on the unit	93.00	CZ-140DRS1	PACi Drain kit to suit all PACi system other than those covered by CZ-50DRS1	19.00
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption (600 x 95 x 130 mm, 500 kg)	100.00	CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5	12.00

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption (ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) The Sound pressure level of the units shows the value measured at a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

PACi Kits



PACi STANDARD 4 Way 60x60 Cassette Inverter+

			3.6kW	4.5kW	5.0kW
Cooling capacity	Nominal	kW	3.6	4.5	5.0
Heating capacity	Nominal	kW	4.2	5.2	5.6
Indoor Unit			S-36PY2E5A ¹⁾	S-45PY2E5A ¹⁾	S-50PY2E5A
Air volume	Cool / Heat	m ³ /h	582 / 594	600 / 618	666 / 666
Moisture removal volume		L/h	2.1	2.5	2.8
Sound pressure level ⁴⁾	Cooling (Hi / Med / Lo)	dB(A)	36 / 32 / 26	38 / 34 / 28	40 / 37 / 33
	Heating (Hi / Med / Lo)	dB(A)	36 / 32 / 26	38 / 34 / 28	40 / 37 / 33
Sound power level	Cooling (Hi)	dB	51 / 47 / 41	53 / 49 / 43	55 / 52 / 48
	Heating (Hi)	dB	51 / 47 / 41	53 / 49 / 43	55 / 52 / 48
Dimensions (H x W x D)	Indoor	mm	288 x 583 x 583	288 x 583 x 583	288 x 583 x 583
	Panel CZ-KPY3A / CZ-KPY3B	mm	31 x 700 x 700 / 31 x 625 x 625	31 x 700 x 700 / 31 x 625 x 625	31 x 700 x 700 / 31 x 625 x 625
Net weight	Indoor (Panel)	kg	18 (2.4)	18 (2.4)	18 (2.4)
Indoor Unit Price			£ 575.00	£ 605.00	£ 637.00
CZ-KPY3A / CZ-KPY3B Panel Price			£ 176.00	£ 176.00	£ 176.00

¹⁾ Only for multi combinations.
Recommended fuse for the indoor 3A.



Optional Controller
Wired remote control
CZ-RTC5



Optional Controller
Wireless remote control
CZ-RWSK2

INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.
Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

ELITE



PACi ELITE 4 Way 60x60 Cassette Inverter+

			5.0kW
Cooling capacity	Nominal (Min - Max)	kW	5.0 (1.5 - 5.6)
SEER ²⁾			5.90
Heating capacity	Nominal (Min - Max)	kW	5.6 (1.5 - 6.3)
SCOP ³⁾			3.80
Indoor Unit			S-50PY2E5A
Air volume	Cooling / Heating	m ³ /h	666 / 666
Moisture removal volume		L/h	2.8
Sound pressure level ⁴⁾	Cooling (Hi / Me / Lo)	dB(A)	40 / 37 / 33
	Heating (Hi / Me / Lo)	dB(A)	40 / 37 / 33
Sound power level	Cooling (Hi)	dB	55 / 52 / 48
	Heating (Hi)	dB	55 / 52 / 48
Dimensions (H x W x D)	Indoor	mm	288 x 583 x 583
	Panel CZ-KPY3A / CZ-KPY3B	mm	31 x 700 x 700 / 31 x 625 x 625
Net weight	Indoor (Panel)	kg	18 (2.4)
Outdoor Unit			U-50PE1E5
Power source		V	220 - 240
Recommended fuse		A	16
Connection		mm ²	2.5
Sound pressure level	Cooling / Heating (Hi)	dB(A)	46 / 50
Sound power level	Cooling / Heating (Hi)	dB	65 / 69
Dimensions	H x W x D	mm	569 x 790 x 285
Net weight		kg	42
Piping connections	Liquid / Gas pipes	Inch	1/4 / 1/2
Refrigerant Loading	R410A	kg	1.65
Piping length range / Elevation diff (in/out) ⁷⁾		m	5 - 40 / 30
Pipe length for additional gas / Add gas amount		m / g/m	30 / 20
Operating range	Cool Min / Max	°C	-15 ~ +46
	Heat Min / Max	°C	-20 ~ +24
Indoor Unit Price			£ 637.00
Outdoor Unit Price			£ 1.223.00
CZ-KPY3A / CZ-KPY3B Panel Price			£ 176.00
CZ-RTC4 Wired Remote Control Price			£ 104.00

Accessories		Price £	Accessories		Price £
CZ-RTC5	Optional touch panel controller	208.00	PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption (600 x 95 x 130 mm, 500 kg)	100.00
CZ-RWSK2	Wireless remote controller receiver on the unit	93.00	CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5	12.00

¹⁾ EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. ²⁾ SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. ³⁾ The annual consumption (ErP) is calculated by formula determined by ErP regulation. ⁴⁾ Heating capacity is calculated including defrost factor correction. ⁵⁾ SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. ⁶⁾ The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. ⁷⁾ When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.



STANDARD

ELITE



PACi STANDARD 4 Way 90x90 Cassette Inverter+

			Single Phase				Three Phase		
			6.0kW	7.1kW	10.0kW	12.5kW	10.0kW	12.5kW	14.0kW
KIT			KIT-60PUY1E5-C4	KIT-71PUY1E5-C4	KIT-100PUY1E5-C4	KIT-125PUY1E5-C4	KIT-100PUY1E8-C4	KIT-125PUY1E8-C4	KIT-140PUY1E8-C4
Cooling capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SEER ²⁾	Nominal		6.8 A++	6.3 A++	6.4 A++	—	6.2 A++	—	—
Heating capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SCOP ⁵⁾	Nominal		4.0 A+	4.0 A+	4.0 A+	—	4.0 A+	—	—
Indoor Unit			S-60PU1E5A	S-71PU1E5A	S-100PU1E5A	S-125PU1E5A	S-100PU1E5A	S-125PU1E5A	S-140PU1E5A
Air volume	Hi / Med / Lo	m³/h	1,260 / 1,020 / 840	1,320 / 1,020 / 840	1,980 / 1,620 / 1,260	2,100 / 1,680 / 1,320	1,980 / 1,620 / 1,260	2,100 / 1,680 / 1,320	2,160 / 1,740 / 1,380
Sound pressure level ⁴⁾	Hi / Med / Lo	dB(A)	36 / 31 / 28	37 / 31 / 28	44 / 38 / 32	45 / 39 / 33	44 / 38 / 32	45 / 39 / 33	46 / 40 / 34
Dimensions (H x W x D)	Indoor	mm / kg	256 x 840 x 840 / 24			319 x 840 x 840 / 27			
Net weight	Panel	mm / kg	33.5 x 950 x 950 / 4						
Outdoor Unit			U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8
Power source	V		220 / 230 / 240				380 / 400 / 415		
Recommended fuse	A		20		25	30	16		
Connection	mm²		2.5		4.0	6.0	2.5		
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50	50 / 52	54 / 54	56 / 56	54 / 54	56 / 56	54 / 53
Dimensions	H x W x D	mm	569 x 790 x 285		996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1,416 x 940 x 340
Net weight	kg		42		73	85	73	85	98
Piping connections	Liquid / Gas pipes	Inch	3/8 / 5/8						
Piping length range / Elevation diff ⁷⁾	m		5 ~ 50 / 30						
Pipe length for additional gas / Add gas amount	m / g/m		20 / 40			30 / 50			
Operating range	Cool/Heat Min ~ Max	°C	-10 ~ +43 / -15 ~ +24						
Kit Price	£		1,802.00	2,075.00	2,485.00	2,831.00	2,573.00	2,915.00	3,538.00
Indoor Unit Price	£		620.00	729.00	780.00	952.00	780.00	952.00	1,078.00
Outdoor Unit Price	£		902.00	1,066.00	1,425.00	1,599.00	1,513.00	1,683.00	2,180.00
CZ-KPU21 Panel Price	£		176.00	176.00	176.00	176.00	176.00	176.00	176.00
CZ-RTC4 Wired Remote Control Price	£		104.00	104.00	104.00	104.00	104.00	104.00	104.00

Optional Controller
Wired remote control
CZ-RTCSOptional Controller
Wireless remote control
CZ-RWSU2N

INTERNET CONTROL: Optional. SEER and SCOP: For KIT-60PUY1E5A (Standard), KIT-60PUY1E5A (Elite) and KIT-71PUY1E5A (Elite). 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners. Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

PACi ELITE 4 Way 90x90 Cassette Inverter+

			Single Phase						Three Phase			
			5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	7.1kW	10.0kW	12.5kW	14.0kW
KIT			KIT-50PU1E5-C4	KIT-60PU1E5-C4	KIT-71PU1E5-C4	KIT-100PU1E5-C4	KIT-125PU1E5-C4	KIT-140PU1E5-C4	KIT-71PU1E8-C4	KIT-100PU1E8-C4	KIT-125PU1E8-C4	KIT-140PU1E8-C4
Cooling capacity	Nominal	kW	5.0	6.0	7.1	10.0	12.5	14.0	7.1	10.0	12.5	14.0
SEER ²⁾	Nominal		6.5 A++	7.4 A++		6.6 A++	—	—	6.8 A++	6.5 A++	—	—
Heating capacity	Nominal	kW	5.6	7.0	8.0	11.2	14.0	16.0	8.0	11.2	14.0	16.0
SCOP ⁵⁾	Nominal		3.8 A	4.1 A+		4.2 A+	—	—	4.0 A+	4.2 A+	—	—
Indoor Unit			S-50PU1E5A	S-60PU1E5A	S-71PU1E5A	S-100PU1E5A	S-125PU1E5A	S-140PU1E5A	S-71PU1E5A	S-100PU1E5A	S-125PU1E5A	S-140PU1E5A
Air volume	Hi / Med / Lo	m³/h	960 / 810 / 720	1,260 / 1,020 / 840	1,320 / 1,020 / 840	1,980 / 1,620 / 1,260	2,100 / 1,680 / 1,320	2,160 / 1,740 / 1,380	1,320 / 1,020 / 840	1,980 / 1,620 / 1,260	2,100 / 1,680 / 1,320	2,160 / 1,740 / 1,380
Sound pressure level ⁴⁾	Hi / Med / Lo	dB(A)	32 / 29 / 27	36 / 31 / 28	37 / 31 / 28	44 / 38 / 32	45 / 39 / 33	46 / 40 / 34	37 / 31 / 28	44 / 38 / 32	45 / 39 / 33	46 / 40 / 34
Dimensions (H x W x D)	Indoor	mm / kg	256x840x840 / 23	256x840x840 / 24		319x840x840 / 27			256x840x840 / 24	319x840x840 / 27		
Net weight	Panel	mm / kg	33.5x950x950 / 4									
Outdoor Unit			U-50PE1E5	U-60PE1E5A	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
Power source	V		220 / 230 / 240						380 / 400 / 415			
Recommended fuse	A		16	20		25	30	16				
Connection	mm²		2.5		4.0		6.0	2.5				
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50	48 / 50		52 / 52	53 / 53	54 / 55	48 / 50	52 / 52	53 / 53	54 / 55
Dimensions	H x W x D	mm	569x790x285	996x940x340	996x940x340	1,416x940x340		996x940x340		1,416x940x340		
Net weight	kg		42	68	69	98			71	98		
Piping connections	Liquid / Gas pipes	Inch	1/4 / 1/2	3/8 / 5/8								
Piping length range / Max Elevation ⁷⁾	m		5 ~ 40 / 30	5 ~ 50 / 30		5 ~ 75 / 30			5 ~ 50 / 30	5 ~ 75 / 30		
Pipe length for add gas / Add gas amount	m / g/m		30 / 20	30 / 50								
Operating range	Cool/Heat Min - Max	°C	-15 ~ +46 / -20 ~ +24									
Kit Price	£		2,036.00	2,225.00	2,444.00	2,971.00	3,303.00	3,793.00	2,488.00	3,002.00	3,397.00	4,034.00
Indoor Unit Price	£		533.00	620.00	729.00	780.00	952.00	1,078.00	729.00	780.00	952.00	1,078.00
Outdoor Unit Price	£		1,223.00	1,325.00	1,435.00	1,911.00	2,071.00	2,435.00	1,479.00	1,942.00	2,165.00	2,676.00
CZ-KPU21 Panel Price	£		176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00
CZ-RTC4 Wired Remote Control Price	£		104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00

Accessories			Price £	Accessories			Price £
CZ-RTCS	Optional touch panel controller		208.00	PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption (600 x 95 x 130 mm, 500 kg)		100.00
CZ-RWSU2N	Wireless remote controller		145.00	CZ-140DRS1	PACi Drain kit to suit all PACi system other than those covered by CZ-50DRS1		19.00
				CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5		12.00

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+c(EER50)+d(EER75)+e(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption(ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

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)
Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.

PACi Kits



PACi STANDARD Low Static Pressure Hide Away Inverter+

STANDARD



ELITE



			Single Phase				Three Phase		
			6.0kW	7.1kW	10.0kW	12.5kW	10.0kW	12.5kW	14.0kW
KIT			KIT-60PNY1E5-C4	KIT-71PNY1E5-C4	KIT-100PNY1E5-C4	KIT-125PNY1E5-C4	KIT-100PNY1E8-C4	KIT-125PNY1E8-C4	KIT-140PNY1E8-C4
Cooling capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SEER ²⁾	Nominal		4.7 B	5.0 B	5.3 A	—	5.2 A	—	—
Heating capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SCOP ⁵⁾	Nominal		3.8 A	3.8 A	3.8 A	—	3.8 A	—	—
Indoor Unit			S-60PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A	S-100PN1E5A	S-125PN1E5A	S-140PN1E5A
External static pressure ⁶⁾	Nom (Min - Max)	Pa	50 (10 - 80)						
Air volume	Cool / Heat	m³/h	1,320 / 1,320		2,160 / 2,160	2,280 / 2,280	2,160 / 2,160	2,280 / 2,280	2,400 / 2,400
Sound pressure level ⁷⁴⁾	Hi / Med / Lo	dB(A)	43 / 41 / 36		44 / 42 / 37	45 / 43 / 38	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39
Dimensions	H x W x D	mm	250 x 1,000 x 650			250 x 1,200 x 650			
Net weight		kg	32			41			
Outdoor Unit			U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8
Power source		V	220 / 230 / 240				380 / 400 / 415		
Recommended fuse		A	20		25	30	16		
Connection		mm²	2.5		4.0	6.0	2.5		
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50	50 / 52	54 / 54	56 / 56	54 / 54	56 / 56	54 / 53
Dimensions	H x W x D	mm	569 x 790 x 285		996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1,416 x 940 x 340
Net weight		kg	42		73	85	73	85	98
Piping connections	Liquid / Gas pipes	Inch	3/8 / 5/8						
Piping length range / Elevation diff ⁹⁾		m	5 ~ 50 / 30						
Pipe length for add gas / Add gas amount		m / g/m	20 / 40			30 / 50			
Operating range	Cool/Heat Min ~ Max	°C	-10 ~ +43 / -15 ~ +24						
Kit Price		€	1,712.00	2,101.00	2,504.00	2,873.00	2,592.00	2,957.00	3,475.00
Indoor Unit Price		€	706.00	931.00	975.00	1,170.00	975.00	1,170.00	1,191.00
Outdoor Unit Price		€	902.00	1,066.00	1,425.00	1,599.00	1,513.00	1,683.00	2,180.00
CZ-RTC4 Wired Remote Control Price		€	104.00	104.00	104.00	104.00	104.00	104.00	104.00

Optional Controller
Wired remote control
CZ-RTC5Optional Controller
Wireless remote control
CZ-RWSC3 + CZ-RWSC3

INTERNET CONTROL: Optional. SEER and SCOP: For KIT-100PNY1E5A (Standard) and KIT-100PN1E5A (Elite). 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners. Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

PACi ELITE Low Static Pressure Hide Away Inverter+

			Single Phase						Three Phase			
			5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	7.1kW	10.0kW	12.5kW	14.0kW
KIT			KIT-50PN1E5-C4	KIT-60PN1E5-C4	KIT-71PN1E5-C4	KIT-100PN1E5-C4	KIT-125PN1E5-C4	KIT-140PN1E5-C4	KIT-71PN1E8-C4	KIT-100PN1E8-C4	KIT-125PN1E8-C4	KIT-140PN1E8-C4
Cooling capacity	Nominal	kW	5.0	6.0	7.1	10.0	12.5	14.0	7.1	10.0	12.5	14.0
SEER ²⁾	Nominal		4.6 B	5.5 A	5.5 A	6.0 A+	—	—	5.2 A	5.8 A+	—	—
Heating capacity	Nominal	kW	5.6	7.0	8.0	11.2	14.0	16.0	8.0	11.2	14.0	16.0
SCOP ⁵⁾	Nominal		3.8 A	3.8 A	3.7 A	3.9 A	—	—	3.7 A	3.8 A	—	—
Indoor Unit			S-50PN1E5A	S-60PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A	S-140PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A	S-140PN1E5A
Ext static pressure ⁶⁾	Nom (Min - Max)	Pa	50 (10 - 80)									
Air volume	Cool / Heat	m³/h	960 / 960	1,320 / 1,320		2,160 / 2,160		2,280 / 2,280		2,400 / 2,400		
Sound pressure ⁷⁴⁾	Hi / Med / Lo	dB(A)	41 / 39 / 35	43 / 41 / 36		44 / 42 / 37		45 / 43 / 38		46 / 44 / 39		
Dim ⁸⁾ / Net weight	H x W x D	mm / kg	250x780x650 / 29	250x1,000x650 / 32		250x1,200x650 / 41		250x1,000x650 / 32		250x1,200x650 / 41		
Outdoor Unit			U-50PE1E5	U-60PE1E5A	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
Power source		V	220 / 230 / 240						380 / 400 / 415			
Recommended fuse		A	16	20		25		30		16		
Connection		mm²	2.5		4.0		6.0		2.5			
Sound pressure	Cool / Heat (Hi)	dB(A)	46 / 50	48 / 50	48 / 50	52 / 52	53 / 53	54 / 55	48 / 50	52 / 52	53 / 53	54 / 55
Dim / Net weight	H x W x D	mm / kg	569x790x285 / 42	996x940x340 / 68	996x940x340 / 69	1,416x940x340 / 98			996x940x340 / 71	1,416x940x340 / 98		
Piping connect	Liquid / Gas pipes	Inch	1/4 / 1/2		3/8 / 5/8							
Piping length range / Elevation diff ⁹⁾		m	5 ~ 40 / 30		5 ~ 50 / 30		5 ~ 75 / 30		5 ~ 50 / 30		5 ~ 75 / 30	
Pipe length for add gas / Add gas amount		m / g/m	30 / 20		30 / 50							
Operating range	Cool/Heat Min ~ Max	°C	-15 ~ +46 / -20 ~ +24									
Kit Price		£	1,953.00	2,135.00	2,470.00	2,990.00	3,345.00	3,730.00	2,514.00	3,021.00	3,439.00	3,971.00
Indoor Unit Price		£	626.00	706.00	931.00	975.00	1,170.00	1,191.00	931.00	975.00	1,170.00	1,191.00
Outdoor Unit Price		£	1,223.00	1,325.00	1,435.00	1,911.00	2,071.00	2,435.00	1,479.00	1,942.00	2,165.00	2,676.00
CZ-RTC4 Wired Remote Control Price		£	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00

Accessories		Price £
CZ-RTC5	Optional touch panel controller	208.00
CZ-RWSC2 + CZ-RWSC3	Wireless remote controller and receiver	168.00

Accessories		Price £
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption (600x95x130mm, 500kg)	100.00
CZ-140DRS1	PACi Drain kit to suit all PACi system other than those covered by CZ-50DRS1	19.00
CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5	12.00

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption(ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) Medium External static pressure setting from factory. 7) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 8) Add 100 mm for piping port. 9) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.



STANDARD

ELITE



PACi STANDARD High Static Pressure Hide Away Inverter+

			Single Phase				Three Phase		
			6.0kW	7.1kW	10.0kW	12.5kW	10.0kW	12.5kW	14.0kW
KIT			KIT-60PFY1E5-C4	KIT-71PFY1E5-C4	KIT-100PFY1E5-C4	KIT-125PFY1E5-C4	KIT-100PFY1E8-C4	KIT-125PFY1E8-C4	KIT-140PFY1E8-C4
Cooling capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SEER ²⁾	Nominal		5.4 	5.3 	5.4 	—	5.2 	—	—
Heating capacity	Nominal	kW	6.0	7.1	10.0	12.5	10.0	12.5	14.0
SCOP ⁵⁾	Nominal			3.8 		—	3.8 	—	—
Indoor Unit			S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	70 (10 - 150)			100 (10 - 150)			
Air volume	Hi / Med / Lo	m³/h	1,260 / 1,140 / 900			1,920 / 1,560 / 1,260	2,040 / 1,740 / 1,380	1,920 / 1,560 / 1,260	2,040 / 1,740 / 1,380
Sound pressure level ⁷⁾	Hi / Med / Lo	dB(A)	35 / 32 / 26			38 / 34 / 31	39 / 35 / 32	38 / 34 / 31	39 / 35 / 32
Dimensions	H x W x D	mm	290 x 1,000 x 700			290 x 1,400 x 700			
Net weight		kg	33			45			
Outdoor Unit			U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8
Power source		V	220 / 230 / 240						380 / 400 / 415
Recommended fuse		A	20			25	30	16	
Connection		mm²	2.5			4.0	6.0	2.5	
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50	50 / 52	54 / 54	56 / 56	54 / 54	56 / 56	54 / 53
Dimensions	H x W x D	mm	569 x 790 x 285			996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1,416 x 940 x 340
Net weight		kg	42			73	85	73	85
Piping connections	Liquid / Gas pipes	Inch	3/8 / 5/8						
Piping length range / Elevation diff ⁸⁾		m	5 ~ 50 / 30						
Pipe length for additional gas / add gas amount		m / g/m	20 / 40			30 / 50			
Operating range	Cool / Heat Min ~ Max	°C	-10 ~ +43 / -15 ~ +24						
Kit Price		£	1,711.00	2,052.00	2,453.00	2,813.00	2,541.00	2,897.00	3,413.00
Indoor Unit Price		£	705.00	882.00	924.00	1,110.00	924.00	1,110.00	1,129.00
Outdoor Unit Price		£	902.00	1,066.00	1,425.00	1,599.00	1,513.00	1,683.00	2,180.00
C7-RTC4 Wired Remote Control Price		£	104.00	104.00	104.00	104.00	104.00	104.00	104.00

Optional Controller
Wired remote control
CZ-RTC5Optional Controller
Wireless remote control
CZ-RWSK2 + CZ-RWSC3

INTERNET CONTROL: Optional. SEER and SCOP: For KIT-60PFY1E5A (Standard), KIT-100PFY1E5A (Standard) and KIT-71PF1E5A (Elite). 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners. Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

PACi ELITE High Static Pressure Hide Away Inverter+

			Single Phase						Three Phase			
			5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	7.1kW	10.0kW	12.5kW	14.0kW
KIT			KIT-50PF1E5-C4	KIT-60PF1E5-C4	KIT-71PF1E5-C4	KIT-100PF1E5-C4	KIT-125PF1E5-C4	KIT-140PF1E5-C4	KIT-71PF1E8-C4	KIT-100PF1E8-C4	KIT-125PF1E8-C4	KIT-140PF1E8-C4
Cooling capacity	Nominal	kW	5.0	6.0	7.1	10.0	12.5	14.0	7.1	10.0	12.5	14.0
SEER ²⁾	Nominal		5.7 	6.4 	—	5.8 	—	—	6.0 	5.7 	—	—
Heating capacity	Nominal	kW	5.6	7.0	8.0	11.2	14.0	16.0	8.0	11.2	14.0	16.0
SCOP ⁵⁾	Nominal		3.8 	3.9 	4.0 	3.8 	—	—	3.9 	3.8 	—	—
Indoor Unit			S-50PF1E5A	S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A	S-71PF1E8A	S-100PF1E8A	S-125PF1E8A	S-140PF1E8A
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	70 (10 - 150)			100 (10 - 150)			70 (10 - 150)		100 (10 - 150)	
Air volume	Hi / Med / Lo	m³/h	960 / 900 / 720	1,260 / 1,140 / 900		1,920/1,560/1,260	2,040/1,740/1,380	2,160/1,920/1,500	1,260/1,140/900	1,920/1,560/1,260	2,040/1,740/1,380	2,160/1,920/1,500
Sound pressure level ⁷⁾	Hi / Med / Lo	dB(A)	34 / 30 / 26	35 / 32 / 26		38 / 34 / 31	39 / 35 / 32	40 / 36 / 33	35 / 32 / 26	38 / 34 / 31	39 / 35 / 32	40 / 36 / 33
Dimensions	H x W x D	mm	290x800x700 / 28	290x1,000x700		290x1,400x700		290x1,000x700	290x1,400x700			
Net weight		kg	28	33		45		33	45		—	
Outdoor Unit			U-50PE1E5	U-60PE1E5A	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
Power source		V	220 / 230 / 240						380 / 400 / 415			
Recommended fuse		A	16	20		25	30	16				
Connection		mm²	2.5		4.0		6.0	2.5				
Sound pressure level	Cool / Heat (Hi)	dB(A)	46 / 50	48 / 50		52 / 52	53 / 53	54 / 55	48 / 50	52 / 52	53 / 53	54 / 55
Dimensions	H x W x D	mm	569x790x285	996x940x340	996x940x340	1,416x940x340		996x940x340	1,416x940x340			
Net weight		kg	42	68	69	98		71	98			
Piping connections	Liquid / Gas pipes	Inch	1/4 / 1/2	3/8 / 5/8					—			
Piping length range / Elevation diff ⁸⁾		m	5 ~ 40 / 30	5 ~ 50 / 30		5 ~ 75 / 30		5 ~ 50 / 30	5 ~ 75 / 30			
Pipe length for add gas / Add gas amount		m / g/m	30 / 20	30 / 50					—			
Operating range	Cool / Heat Min ~ Max	°C	-15 ~ +46 / -20 ~ +24									
Kit Price		£	1,984.00	2,134.00	2,421.00	2,939.00	3,285.00	3,668.00	2,465.00	2,970.00	3,379.00	3,909.00
Indoor Unit Price		£	657.00	705.00	882.00	924.00	1,110.00	1,129.00	882.00	924.00	1,110.00	1,129.00
Outdoor Unit Price		£	1,223.00	1,325.00	1,435.00	1,911.00	2,071.00	2,435.00	1,479.00	1,942.00	2,165.00	2,676.00
CZ-RTC4 Wired Remote Control Price		£	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00

Accessories		Price £	Accessories		Price £
CZ-RTC5	Optional touch panel controller	208.00	CZ-56DAF2	Air outlet plenum for S-50PF	120.00
CZ-RWSK2 + CZ-RWSC3	Wireless remote controller and receiver	168.00	CZ-90DAF2	Air Outlet Plenum S . .PF1E5A 60 & 71	180.00
CZ-140DRS1	PACi Drain kit to suit all PACi system other than those covered by CZ-50DRS1	19.00	CZ-160DAF2	Air Outlet Plenum S . .PF1E5A 100, 125 & 140	240.00
CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5	12.00	CZ-DUMPA90MF2	Air Inlet Plenum S . .PF1E5A 60 & 71	215.00
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption (600x95x130mm, 500kg)	100.00	CZ-DUMPA160MF2	Air Inlet Plenum S . .PF1E5A 100, 125 & 140	261.00

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption(ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) Medium External static pressure setting from factory. 7) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 4/C006-97 specification. 8) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

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)
Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.



**28%**

ECONAVI

New Wired remote control with Econavi function control

Easy to use, attractive, clear design, with new demand control functions and energy consumption display! This useful feature makes this remote control unique!

The new CZ-RTC5 wired remote control is ideal for integration into the most demanding interior architectures.

New Econavi Sensor

The all new Econavi Sensor detects presence in the room, and quietly adapts the PACi or VRF air conditioning system in order to improve comfort and maximise energy savings.

- Detects human activity and adjusts temperature by 2 degrees (up or down) to optimize comfort and efficiency
- If there is no activity detected for a set time, the Econavi will stop the unit or move to a new temperature previously set
- The Econavi device is installed independently of the indoor unit, and is located in the area best suited for detection

Applications

Saving Energy for Offices: if the air conditioning is left on after the last employee leaves the office, Econavi will automatically react, reducing or stopping the system.

Increased comfort in hotel rooms: when presence is detected in the room, the temperature is automatically adjusted to achieve best comfort.



New Econavi Sensor

Human activity and presence detection

Activity detection		Presence detection	
HIGHER ACTIVITY	LOWER ACTIVITY	After 20 mins absence	After 3 hours absence
Cooling Set Temp. +/-0°C	Cooling Set Temp. +1°C	Cooling Set Temp. +2°C	Cooling Thermo OFF
Heating Set Temp. -1°C	Heating Set Temp. +/-0°C	Heating Set Temp. -2°C	Heating Thermo OFF
Each 2 min		After 3 hours set up can be change to stop or temp shift	
			



Energy saving concept

The use of energy saving designs for the structure of fans, fan motors, compressors and heat exchanges has resulted in a high COP value, ranked as one of the top classed in the industry. In addition, use of highly efficient R410A refrigerant reduces CO₂ emission and lowers operating costs.

1. Compact & highly efficient compressor. Large-capacity inverter compressor has been adopted. The inverter compressor is superior in performance with improved partial-load capacity.
2. Printed circuit board (P-LINK). To improve maintenance, the number of PCBs have been reduced to two.
3. DC fan motor. Considering load and outside temperature, the DC motor is controlled for optimum air volume.
4. New large diagonal (520 mm) air flow fan. The fan has been designed to reduce air turbulence and increase efficiency. As fan diameter has been increased to 520 mm, the air volume has been increased by 12% whilst maintaining a low sound level.
5. High-efficiency heat exchanger. The heat exchanger size and the copper tube sizes in the heat exchanger have been redesigned to increase efficiency.

PACi Kits



PACi High Static Pressure Hide Away 20,0-25,0kW Inverter+

			Three Phase	
			20.0kW	25.0kW
KIT			KIT-200PE2E8-C4	KIT-250PE2E8-C4
Cooling capacity	Nominal	kW	19.5	25.0
Power input cooling	Nominal	kW	6.42	
Heating capacity	Nominal	kW	22.4	28.0
Power input heating	Nominal	kW	6.32	
Indoor Unit			S-200PE2E5	S-250PE2E5
Power source	V / ph / Hz		220 - 230 - 240 / 1 / 50	
External static pressure at shipment (with booster cable)	Pa		140 (60 / 270) ⁴⁾	140 (60 / 270) ⁴⁾
Air volume	Hi / Med / Lo	m ³ /h	3,360 / 3,060 / 2,640	4,320 / 3,780 / 3,180
Sound pressure level ³⁾	Hi / Med / Lo	dB(A)	43 / 41 / 38	47 / 45 / 42
Dimensions / Net weight	H x W x D	mm / kg	479 x 1,453 x 1,205 / 100	479 x 1,453 x 1,205 / 104
Outdoor Unit			U-200PE1E8	U-250PE1E8
Power source	V / ph / Hz		380 / 400 / 415 / 3+N / 50	
Recommended fuse	A		15	20
Sound pressure level ³⁾	Cool / Heat (Hi)	dB(A)	57 / 57	
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	1,526 x 940 x 340 / 118	
Piping connections	Liquid / Gas pipes	Inch	3/8 / 1 (25.4)	1/2 / 1 (25.4)
Piping length range / Elevation diff ⁵⁾		m	5 ~ 100 / 30	
Pipe length for add gas / add gas amount		m / g/m	30 / 40	
Operating range	Cool Min / Max	°C	-15 ~ +46	
	Heat Min / Max	°C	-20 ~ +24	
Kit Price	£		5,924.00	6,388.00
Indoor Unit Price	£		2,520.00	2,669.00
Outdoor Unit Price	£		3,300.00	3,615.00
CZ-RTC4 Wired Remote Control Price	£		104.00	104.00



Optional Controller
Wired remote control
CZ-RTC5



Optional Controller
Wireless remote control
CZ-RWSK2 + CZ-RWSC3

INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.
Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

Accessories	Price £	Accessories	Price £
CZ-RTC5	208.00	CZ-TREMIESPW706	525.00
CZ-RWSK2 + CZ-RWSC3	168.00	CZ-TREMIESPW705	525.00
Optional touch panel controller		Air Outlet Plenum (suitable for rigid + flexible duct) for S-250PE1E8	
Wireless remote controller and receiver		Air Outlet Plenum (suitable for rigid + flexible duct) for S-200PE1E8A	

1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) Heating capacity is calculated including defrost factor correction. 3) The sound pressure Level of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit. 6) Available to select in the set up of the unit.



PACi Single, Twin, Triple and Double-Twin System

With this system, a single outdoor unit can split capacity for up to 4 indoor areas simultaneously. This makes the system particularly apt for common areas. It reduces noise concentration and enables the same temperature to be reached around the room. A mix of indoor units can be installed (wall, cassette, duct, ceiling) in one system.

PACi Standard Single and Twin System from 10,0 to 12,5 kW

Up to 2 indoor units connectable on the same outdoor. Panasonic's PACi units can be installed as single and twin systems. The indoor units can be combined following the selection table. The operation will always be simultaneous. All the indoor units will work with the same settings.

PACi Elite Twin, Triple and Double-Twin System from 7,1 to 14,0 kW

Up to 4 indoor units can be connected to the same outdoor unit. Panasonic's PACi units 71, 100, 125 and 140 can be installed as twin, triple and double-twin systems. The indoor units can be combined as per the selection table. The operation will always be simultaneous. All the indoor units will work with the same settings.

Big PACi Elite Twin, Triple and Double-Twin System from 20,0 to 25,0 kW

Up to 4 indoor units can be connected to the same outdoor unit. Panasonic's PACi units 200 and 250 can be installed as twin, triple and double-twin systems. The indoor units can be combined as per the selection table. The operation will always be simultaneous. All the indoor units will work with the same settings.

Indoor unit capacities

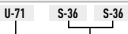
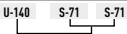
Capacity	Wall	4 Way 60x60 Cassette	4 Way 90x90 Cassette	Low Static Pressure Hide Away	High Static Pressure Hide Away	Ceiling
						
3,6 kW	S-36PK1E5A	S-36PY2E5A	S-36PU1E5A	S-36PN1E5A	S-36PF1E5A	S-36PT2E5A
4,5 kW	S-45PK1E5A	S-45PY2E5A	S-45PU1E5A	S-45PN1E5A	S-45PF1E5A	S-45PT2E5A
5,0 kW	S-50PK1E5A	S-50PY2E5A	S-50PU1E5A	S-50PN1E5A	S-50PF1E5A	S-50PT2E5A
6,0 kW	S-60PK1E5A		S-60PU1E5A	S-60PN1E5A	S-60PF1E5A	S-60PT2E5A
7,1 kW	S-71PK1E5A		S-71PU1E5A	S-71PN1E5A	S-71PF1E5A	S-71PT2E5A
10,0 kW	S-100PK1E5A		S-100PU1E5A	S-100PN1E5A	S-100PF1E5A	S-100PT2E5A
12,5 kW			S-125PU1E5A	S-125PN1E5A	S-125PF1E5A	S-125PT2E5A

Outdoor unit capacities

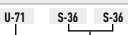
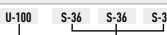
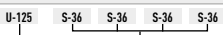
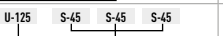
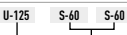
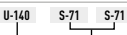
Capacity	PACi Standard Single and Twin System	PACi Elite Twin, Triple and Double-Twin System from 7,1 to 14,0 kW	PACi Elite Twin, Triple and Double-Twin System from 20,0 to 25,0 kW
			
7,1 kW	U-71PEY1E5	U-71PE1E5A // U-71PE1E8A	
10,0 kW	U-100PEY1E5 // U-100PEY1E8		U-100PE1E5A // U-100PE1E8A
12,5 kW	U-125PEY1E5 // U-125PEY1E8		U-125PE1E5A // U-125PE1E8A
14,0 kW	U-140PEY1E8		U-140PE1E5A // U-140PE1E8A
20,0 kW			U-200PE1E8
25,0 kW			U-250PE1E8

U-__1E5 Single Phase // U-__1E8 Three Phase

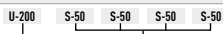
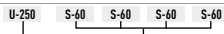
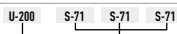
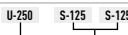
PACi Standard Single/Simultaneous operation system combinations

kW Indoor	Outdoor	7,1	10,0	12,5	14,0
3,6	Twin				
5,0			Twin 		
6,0				Twin 	
7,1	Single ¹				Twin 
10,0			Single ¹ 		
12,5				Single ¹ 	
14,0					Single ¹ 

PACi Elite from 7,1 to 14,0 kW Single/Simultaneous operation system combinations

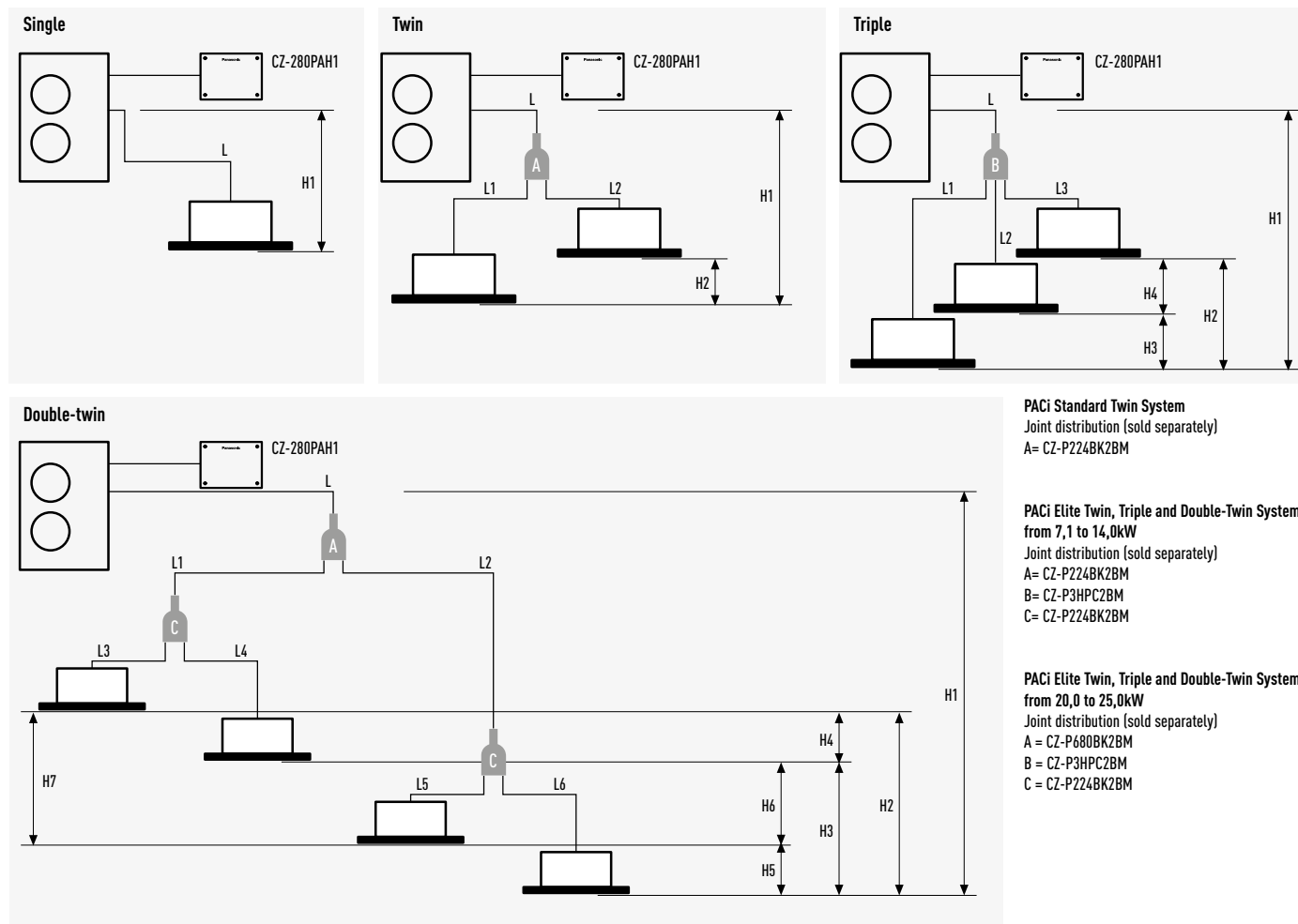
kW Indoor	Outdoor	7,1	10,0	12,5	14,0
3,6	Twin		Triple 	Double-Twin 	
4,5				Triple 	
5,0			Twin 		Triple 
6,0				Twin 	
7,1	Single ¹				Twin 
10,0			Single ¹ 		
12,5				Single ¹ 	
14,0					Single ¹ 

PACi Elite from 20,0 to 25,0 kW Single/Simultaneous operation system combinations

kW Indoor	Outdoor	20,0	25,0
5,0	Double-Twin		
6,0			Double-Twin 
7,1	Triple		
10,0	Twin		
12,5			Twin 
20,0	Single ¹		
25,0			Single ¹ 

1. PACi 1x1 Kit solution.
 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)
 Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.

PACi Single, Twin, Triple and Double-Twin System



Twin System	PACi Standard Single and Twin System			PACi Elite Twin, Triple and Double-Twin System from 7,1 to 25kW				Equivalent lengths and height differences (m) for outdoor unit sizes from 7,1 to 14,0kW	Equivalent lengths and height differences (m) for outdoor unit sizes from 20,0 to 25,0kW
	Indoor Unit combinations (see examples above)	Equivalent lengths and height differences (m) for outdoor unit sizes...		Indoor Unit combinations (see examples above)					
Total pipe length	Single L	Twin L + L1 + L2	≤ 50 m	Single L	Twin L + L1 + L2	Triple L + L1 + L2 + L3	Double-Twin L + L1 + L2 + L3 + L4 + L5 + L6	U-60/U-71: ≤ 50 m U-100/125/140: ≤ 75 m	≤ 100 m
Maximum pipe length from outdoor unit to most distant indoor unit	—	—	—	—	L + L1 or L + L2	L + L1 or L + L2 or L + L3	L + L1 + L3 or L + L1 + L4 or L + L2 + L5 or L + L2 + L6	—	≤ 100 m
Maximum branch pipe length	—	L1 L2	≤ 15	—	L1 or L2	L1 or L2 or L3	L1 + L3 or L1 + L4 or L2 + L5 or L2 + L6	≤ 15 m	≤ 20 m
Maximum branch pipe length differences	—	L1 > L2 L1 - L2	≤ 10	—	L1 > L2: L1 - L2	L1 > L2 > L3: L1 - L2 L2 - L3 L1 - L3	L2 + L6 (Max.) L1 + L3 (Min.): (L2 + L6) - (L1 + L3)	≤ 10 m	≤ 10 m
Maximum pipe length differences after first branch (Double-Twin)	—	—	—	—	—	—	L2 > L1: L2 - L1	≤ 10 m	≤ 10 m
Maximum pipe length differences after second branch (Double-Twin)	—	—	—	—	—	—	L4 > L3: L4 - L3 L6 > L5: L6 - L5	≤ 10 m	≤ 10 m
Height difference (outdoor unit located higher)	H1	H1	≤ 30	H1	H1	H1	H1	≤ 30 m	≤ 30 m
Height difference (outdoor unit located lower)	H1	H1	≤ 15	H1	H1	H1	H1	≤ 15 m	≤ 30 m
Height difference between indoor units	—	H2	≤ 0.5	—	H2	H2 or H3 or H4	H2 or H3 or H4 or H5 or H6	≤ 0.5 m	≤ 0.5 m

Twin System	PACi Standard Single and Twin System				PACi Elite Twin, Triple and Double-Twin System from 7,1 to 14,0kW						PACi Elite Twin, Triple and Double-Twin System from 20,0 to 25,0kW				
	Outdoor Unit main pipe diameter (L)		Indoor Unit connection tube (L1, L2)		Outdoor Unit main pipe diameter (L)	Indoor Unit connection pipe diameter (L1, L2, L3, L4) (mm)					Outdoor Unit main pipe diameter (L) (mm)		Double-Twin distribution pipe (L1, L2) ¹	Indoor Unit connection pipe diameter	
Unit type capacity	100	125	50	60	71 - 140	36	45	50	60	71	200	250	100 - 125	50	60 - 125
Liquid pipe (mm)	Ø 9.52	Ø 12.7	Ø 6.35	Ø 9.52	Ø 9.52	Ø 6.35	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52	Ø 9.52	Ø 12.7	Ø 9.52	Ø 6.35	Ø 9.52
Gas pipe (mm)	Ø 15.88	Ø 15.88	Ø 12.7	Ø 15.88	Ø 15.88	Ø 12.70	Ø 12.70	Ø 12.70	Ø 15.88	Ø 15.88	Ø 25.4	Ø 25.4	Ø 15.88	Ø 12.7	Ø 15.88
Additional gas amount (g/m)	50	50	20	50	50	20	20	20	50	50	40	80	40	20	40

1. Total capacity of indoor unit connected after the branch

Refrigerant charging: For the twin connection, the amount of refrigerant required for pipe length 30 m has been included in this unit at the factory while that required for pipe length 20 m has been included for the Triple / Double-Twin connections.
No Additional gas amount is required for the first 30 m pipe length in the case of the twin connection and for the first 20 m in the case of the Triple / Double-Twin connections. The amount of included refrigerant for each model is listed on NAMA PLATE.

Make Additional gas amounts by adding up pipe length in an order of main (L branch pipe), (L1, L2, L3 wide diameter) and then selecting the amount of refrigerant corresponding to the remaining (after 30 m for the Twin connection and after 20 m for the Triple / Double-Twin connections) liquid side pipe diameter and pipe length from the below table.



Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.

PACi Twin, Triple and Double-Twin System

With this system, a single outdoor unit can split capacity for up to 4 indoor areas simultaneously. This makes the system particularly apt for common areas. It reduces noise concentration and enables the same temperature to be reached around the room. A mix of indoor units can be installed (wall, cassette, duct, ceiling) in one system.

Compatible Indoor Units				3.6kW	4.5kW	5.0kW	6.0kW	7.1kW	10.0kW	12.5kW		
	Capacity for all indoor units	Cooling	kW	3.6	4.5	5.0	6.0	7.1	10.0	12.5		
		Heating	kW	4.2	5.2	5.6	7.0	8.0	11.2	14.0		
	Wall			S-36PK1E5A	S-45PK1E5A	S-50PK1E5A	S-60PK1E5A	S-71PK1E5A	S-100PK1E5A			
	Dimensions	H x W x D	mm	300 x 1,065 x 230								
	Sound pressure level	Hi / Med / Lo	dB(A)	35 / 31 / 27	38 / 34 / 30	40 / 36 / 32	47 / 44 / 40					
	Air volume	Hi / Med / Lo	m³/h	660 / 570 / 450	720 / 630 / 510	840 / 720 / 630	1,080 / 870 / 690	1,080 / 870 / 690	1,140 / 990 / 780			
	Indoor Unit Price		£	770.00	790.00	806.00	836.00	900.00	969.00			
	4 Way 60x60 Cassette Panel			S-36PY2E5A CZ-KPY3A / CZ-KPY3B	S-45PY2E5A CZ-KPY3A / CZ-KPY3B	S-50PY2E5A CZ-KPY3A / CZ-KPY3B						
	Dimensions H x W x D	Indoor	mm	288 x 583 x 583								
		Panel CZ-KPY3A	mm	31 x 700 x 700								
		Panel CZ-KPY3B	mm	31 x 625 x 625								
	Sound pressure level	Hi / Me / Lo	dB(A)	36 / 32 / 26	38 / 34 / 28	40 / 37 / 33						
	Air volume	Hi / Me / Lo	m³/h	582 / 594	600 / 618	666 / 666						
	Indoor Unit Price		£	575.00	605.00	637.00						
	Panel Price		£	176.00 / 176.00	176.00 / 176.00	176.00 / 176.00						
	4 Way 90x90 Cassette Panel			S-36PU1E5A CZ-KPU21	S-45PU1E5A CZ-KPU21	S-50PU1E5A CZ-KPU21	S-60PU1E5A CZ-KPU21	S-71PU1E5A CZ-KPU21	S-100PU1E5A CZ-KPU21	S-125PU1E5A CZ-KPU21		
	Dimensions H x W x D	Indoor	mm	256 x 840 x 840								
		Panel	mm	33.5 x 950 x 950								
	Sound pressure level	Hi / Me / Lo	dB(A)	30 / 28 / 27	31 / 28 / 27	32 / 29 / 27	36 / 31 / 28	37 / 31 / 28	44 / 38 / 32	45 / 39 / 33		
	Air volume	Hi / Me / Lo	m³/h	840 / 780 / 720	900 / 780 / 720	960 / 810 / 720	1,260 / 1,020 / 840	1,320 / 1,020 / 840	1,980 / 1,620 / 1,260	2,100 / 1,680 / 1,320		
	Indoor Unit Price		£	501.00	518.00	533.00	620.00	729.00	780.00	952.00		
	Panel Price		£	176.00	176.00	176.00	176.00	176.00	176.00	176.00		
	Low Static Pressure Hide Away			S-36PN1E5A	S-45PN1E5A	S-50PN1E5A	S-60PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A		
	Dimensions	H x W x D	mm	250 x 780(+100) x 650								
	Sound pressure level	Hi / Me / Lo	dB(A)	40 / 38 / 35	41 / 39 / 35	43 / 41 / 36				44 / 42 / 37	46 / 44 / 39	
	External static pressure	Hi / Me / Lo	Pa	80 / 50 / 10								
	Air volume	Hi / Me / Lo	m³/h	840 / 840	960 / 960	960 / 960	1,320 / 1,320	1,320 / 1,320	2,160 / 2,160	2,280 / 2,280		
	Indoor Unit Price		£	546.00	579.00	626.00	706.00	931.00	975.00	1,170.00		
	Hide Away High Static Pressure			S-36PF1E5A	S-45PF1E5A	S-50PF1E5A	S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A		
	Dimensions	H x W x D	mm	290 x 800 x 700								
	Sound pressure level	Hi / Me / Lo	dB(A)	33 / 29 / 25	34 / 30 / 26	35 / 32 / 26				38 / 34 / 31	39 / 35 / 32	
	External static pressure	Hi / Me / Lo	Pa	150 / 70 / 10							150 / 100 / 10	
	Air volume	Hi / Me / Lo	m³/h	840 / 780 / 600	960 / 900 / 720	1,260 / 1,140 / 900	1,920 / 1,560 / 1,260				2,040 / 1,740 / 1,380	
	Indoor Unit Price		£	573.00	608.00	657.00	705.00	882.00	924.00	1,110.00		
	Ceiling			S-36PT2E5A	S-45PT2E5A	S-50PT2E5A	S-60PT2E5A	S-71PT2E5A	S-100PT2E5A	S-125PT2E5A		
	Dimensions	H x W x D	mm	235 x 960 x 690								
	Sound pressure level	Hi / Me / Lo	dB(A)	35 / 32 / 30	38 / 33 / 30	235 x 1,275 x 690				235 x 1,590 x 690		
	Air volume	Hi / Me / Lo	m³/h	840 / 720 / 630	900 / 750 / 630	1,200 / 1,020 / 870	1,260 / 1,080 / 930	1,800 / 1,500 / 1,380	2,040 / 1,680 / 1,440			
	Indoor Unit Price		£	693.00	729.00	767.00	836.00	874.00	1,129.00	1,324.00		



Compatible Outdoor Units				7.1kW	10.0kW	12.5kW	14.0kW	7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW
Outdoor Unit Single Phase				U-71PE1E5	U-100PE1E5	U-125PE1E5	—	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	—	—
Outdoor Unit Three Phase				—	U-100PE1E8	U-125PE1E8	U-140PE1E8	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A	U-200PE1E8	U-250PE1E8
Cooling capacity	Nominal	kW		7.1	10.0	12.5	14.0	7.1	10.0	12.5	14.0	20.0	25.0
Heating capacity	Nominal	kW		7.1	10.0	12.5	14.0	8.0	11.2	14.0	16.0	21.8	28.0
Power source	Single Phase	V		220 / 230 / 240			—	220 / 240			380 / 415	—	—
	Three Phase	V		—	380 / 400 / 415			380 / 415			—	—	—
Connection		mm²		2.5	4.0	6.0	2.5	2 x 1.5 or 2.5			—	—	—
Sound pressure level	Cool / Heat (Hi)	dB(A)		50 / 52	54 / 54	56 / 56	54 / 53	48 / 50	52 / 52	53 / 53	54 / 55	57 / 57	57 / 58
Dimensions	H x W x D	mm		569x790x285	996x940x340		1,416x940x340	996x940x340	1,416x940x340	1,416x940x340	1,416x940x340	1,526x940x340	1,526x940x340
Net weight		kg		42	73	85	98	69	98	98	98	118	128
Piping connections	Liquid / Gas pipes	Inch		3/8 / 5/8							3/8 / 1	1/2 / 1	1/2 / 1
Refrigerant Loading	R410A	kg		1.7	2.6	3.2	3.4	2.35	3.4	3.4	3.4	5.3	6.5
Piping length range / Elevation diff		m		5 ~ 50 / 30							5 ~ 75 / 30	5 ~ 100 / 30	—
Operating range	Cool / Heat Min ~ Max	°C		-10 ~ +43 / -15 ~ +24							-15 ~ +46 / -20 ~ +24	-15 ~ +43 / -20 ~ +15	—
Outdoor Unit Single Phase Price		£		1,066.00	1,425.00	1,599.00	—	1,435.00	1,911.00	2,071.00	2,435.00	—	—
Outdoor Unit Three Phase Price		£		—	1,513.00	1,683.00	2,180.00	1,479.00	1,942.00	2,165.00	2,676.00	3,300.00	3,615.00

U-...1E5 Single Phase / U-...1E8 Three Phase

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)
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Air Curtain



Air Curtain with DX Coil

HP			4HP	6HP	8HP	4HP	8HP
Air Curtain			PAW-10PAIRC-MJ	PAW-15PAIRC-MJ	PAW-20PAIRC-MJ	PAW-10PAIRC-MS	PAW-20PAIRC-MS
Air Flow type			Jet-Flow			Standard	
Air Flow length (A)		m	1.0	1.5	2.0	1.0	2.0
Air volume		m³/h	1,800 / 1,500 / 1,200	2,700 / 2,300 / 1,900	3,600 / 3,000 / 2,500	1,800 / 1,500 / 1,200	2,700 / 2,300 / 1,900
Cooling capacity nominal¹		kW	9.2	17.5	23.1	9.2	17.5
Heating capacity with air in 20°C, air out 40°C / 35°C / 30°C		kW	11.9 / 8.9 / 5.9	17.9 / 13.4 / 8.9	23.9 / 17.9 / 11.9	11.9 / 8.9 / 5.9	17.9 / 13.4 / 8.9
Max installation height		m	3.5 / 3.1 / 2.7	3.5 / 3.1 / 2.7	3.5 / 3.1 / 2.7	3.0 / 2.7 / 2.4	3.0 / 2.7 / 2.4
Refrigerant			R410A			R410A	
Liquid pipe		Inch	3/8			3/8	
Gas pipe		Inch	5/8			5/8	
Fan			230V / 50Hz / 1 / N / PE			230V / 50Hz / 1 / N / PE	
Fan type			EC			EC	
Currency		A	2.1 / 0.8 / 0.3	2.8 / 1.1 / 0.4	4.2 / 1.6 / 0.6	2.1 / 0.8 / 0.3	4.2 / 1.6 / 0.6
Electrical Consumption		kW	0.44 / 0.17 / 0.06	0.59 / 0.23 / 0.08	0.89 / 0.34 / 0.12	0.44 / 0.17 / 0.06	0.89 / 0.34 / 0.12
Protecting Fuse		A	M16A			M16A	
Noise		dB(A)	40-55	40-56	40-57	40-55	40-57
Dimensions / Weight		mm / kg	1,210 x 260 x 590 / 70	1,710 x 260 x 590 / 100	2,210 x 260 x 590 / 138	1,210 x 260 x 490 / 60	2,210 x 260 x 490 / 128
Outdoor combination with PACi Elite unit 40°C			U-100PE1E5/8	U-140PE1E5/8	U-200PE1E8	U-100PE1E5/8	U-140PE1E5/8
Outdoor combination with PACi Standard unit 40°C			U-100PEY1E5/8	—	—	U-100PEY1E5/8	—
Outdoor combination with PACi Elite unit 35°C			U-71PE1E5/8	U-100PE1E5/8	U-140PE1E5/8	U-71PE1E5/8	U-100PE1E5/8
Outdoor combination with PACi Standard unit 35°C			U-100PEY1E5/8	U-100PEY1E5/8	—	U-100PEY1E5/8	U-100PEY1E5/8
Outdoor combination with PACi Elite unit 30°C			U-50PE1E5	U-100PE1E5/8	U-100PE1E5/8	U-50PE1E5	U-100PE1E5/8
Outdoor combination with PACi Standard unit 30°C			U-60PEY1E5	U-100PEY1E5/8	U-100PEY1E5/8	U-60PEY1E5	U-100PEY1E5/8
Price		£	5,100.00	6,000.00	6,825.00	3,850.00	5,200.00

All combinations under rated conditions: Heating Outdoor +7°C DB/+6°C WB Indoor +20°C DB. In case of lower outdoor temperatures a higher capacity outdoor unit model may be necessary. 1) Rated Conditions Cooling Outdoor +35°C DB Indoor +27°C DB/+19°C WB, Discharge temperature ³ 16°C.

Air Handling Unit Kit



AHU Connection Kit

		Price £
CZ-280PAH1	AHU Kit	780.00
PAW-280PAH2	AHU Kit for 10 to 25kW (IP 65, 0-10V demand control*, Outdoor temperature shift compensation. Cold draft prevention)	1,036.00
PAW-280PAH2L	AHU Kit for 10 to 25kW (IP 65)	1,365.00

* With CZ-CAPBC2.

Accessories

Control Accessories		Price £
CZ-RTC4	Hard Wired PACi Remote Control	104.00
CZ-RTC5	Hard Wired PACi Remote Control	208.00
CZ-RE2C2	Simplified hard wired remote control	124.00
CZ-REL2	Simplified hard wired remote control	175.00
CZ-RWSU2N	Infrared wireless control for 90x90 cassette series MU1	145.00
CZ-RWST2	Infrared wireless control for ceiling series MT1	145.00
CZ-RWST3N	Infrared wireless control for 1 way cassette and ceiling series MT2	145.00
CZ-RWSL2N	Infrared wireless control for 2 way cassette series ML1	145.00
CZ-RWSK2	Infrared wireless control for wall mounted series MK1 (Excludes receiver, Integrated receiver in the indoor unit)	93.00
CZ-RWSC3	Infrared wireless receiver.	75.00
CZ-RWSD2	Infrared wireless control for 1 way cassette series MD1	145.00
CZ-CSRC3	Temperature Remote sensor	93.00
Accessories Interfaces		Price £
PA-RC2-WIFI-1	Interface for Intesishome for PACi	200.00
PAW-RC2-KNX-1i	KNX Interface	300.00
PAW-RC2-MBS-4	NEW Modbus interface to control 4 indoor/groups	TBC
PAW-RC2-MBS-1	Modbus Interface	300.00
PAW-RC2-BAC-1	BacNet Interface	500.00
CZ-CAPRA1	NEW Domestic with CZ-CNT port integration to PACi and ECOi (available in June 2016)	135.00
Accessories Cables		
CZ-T10	All T10 functions	40.00
CZ-T10-PACK25	T10 Connector Cable (Pack of 25)	200.00
PAW-FDC	Operate external EC fan	40.00
PAW-OCT	All Option monitoring signals	40.00
PAW-EXCT	Force Thermo OFF/leakage Detection	40.00
CZ-CAPE2	Option monitoring signals wo. Fan	77.00

Accessories PCB		
PAW-T10	All T10 functions	84.00
PAW-ECF	PCB for fan speed control of external EC Fan	461.00
CZ-CAPBC2	Mini series parallel device capacity control ID units, 0-10 V. Max 1 group and 8 indoor units	155.00
PAW-PACR3	Redundancy of 2 or 3 systems; for PACi and ECOi	1,500.00
PAW-SERVER-PKEA	Redundancy of 2 units PKEA	200.00
Branch Pipes, Header		
CZ-P224BK2BM	PACi Branch pipe	110.00
CZ-P680BK2BM	Branch pipe (from 22,4 to 68kW)	110.00
CZ-P3HPC2BM	PACi Header	180.00
Accessories for Cassettes PU		
CZ-BCU2	Air intake box form main unit	70.00
CZ-ATU2	Air intake box when using air intake plenum CZ-FDU2	200.00
CZ-FDU2	Air intake plenum	290.00
CZ-CFU2	Airflow blanking panel	40.00
Plenums		
CZ-DUMPA56MF2	Air inlet 2 x Ø200 spigots box for S-36PF1E5 to S-50PF1E5	194.00
CZ-DUMPA90MF2	Air inlet 2 x Ø250 spigots box for S-60PF1E5 to S-71PF1E5	215.00
CZ-DUMPA160MF2	Air inlet 4 x Ø200 spigots box for S-100PF1E5 to S-140PF1E5	237.00
CZ-56DAF2	Air outlet 2 x Ø200 spigots box for S-36PF1E5 to S-50PF1E5	120.00
CZ-90DAF2	Air outlet 3 x Ø200 spigots box for S-60PF1E5 to S-71PF1E5	180.00
CZ-160DAF2	Air outlet 4 x Ø200 spigots box for S-100PF1E5 to S-140PF1E5	240.00
CZ-TREMIESPW705	Air Outlet Plenum 1 x Ø450 for S-200PE1E8	525.00
CZ-TREMIESPW706	Air Outlet Plenum 1 x Ø500 for S-250PE1E8, S-200PE2E5 and S-250PE2E5	525.00
Other Accessory		
CZ-140DRS1	PACi Drain kit to suit all PACi system other than those covered by CZ-50DRS1	19.00
CZ-50DRS1	PACi Drain kit to suit U-50PE1E5, U-60PEY1E5 & U-71PEY1E5	12.00
CZ-CENSC1	Econavi energy savings sensor	125.00



PROFESSIONAL

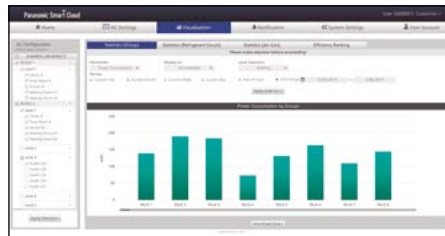
AC SMART CLOUD

Panasonic AC Smart Cloud

With the Panasonic AC Smart Cloud, you can have full climate control for all your businesses and start saving! Centralize control of your shops, restaurants, hotels, apartments..., from wherever you are, 24/7.

It doesn't matter how many sites you have, or where they are.

In a simple click on your smart phone or from your computer, you can view all your units and receive status updates in real-time, preventing breakdowns and optimizing costs.



Control systems for PACi, ECOi and ECO G

A wide variety of control options to meet the requirements of different applications.

Individual Control Systems					Timer Operation	Centralized Control Systems					
Control for hotel application	Wired remote control	Wireless remote control	Quick and easy operation		Daily and weekly program	Operation with various function from center station	Only ON/OFF operation from center station	Simplified load distribution ratio (LDR) for each tenant	BMS System. PC Base	Connection with 3rd Party Controller	
Room Controller	Normal operation with Econavi	Design Wired remote control	Wireless remote control	Simplified remote control	Schedule timer	System control	New System control with Schedule timer	ON/OFF Controller	Intelligent Controller (Touch screen panel)		
PAW-RE2C3-WH PAW-RE2C3-GR PAW-RE2C3-MOD-WH PAW-RE2C3-MOD-GR PAW-RE2C3-LON-WH PAW-RE2C3-LON-GR	CZ-RTC4	CZ-RTC5	CZ-RWSU2N CZ-RWSL2N CZ-RWSC3 CZ-RWST3N CZ-RWSD2 CZ-RWSK2	CZ-RE2C2	CZ-ESWC2	CZ-64ESMC2	CZ-64ESMC3	CZ-ANC2	CZ-256ESMC2 (CZ-CFUNC2)	CZ-CSWKC2 CZ-CSWAC2 CZ-CSWMC2 CZ-CSWGC2 CZ-CSWBC2 CZ-CWEC2	CZ-CAPOC2 CZ-CAPC2 CZ-CAPBC2 CZ-CFUNC2



ECO*i* ECO G

Industrial VRF Systems

ENERGY SAVING



The Inverter range provides greater efficiency, more comfort, 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.



GHP technology offers the best in energy efficiency. ECO G gas VRF is specially designed for buildings where the electricity is restricted or CO₂ emissions must be reduced.



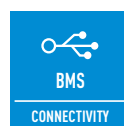
High efficiency system. Panasonic is definitely the most efficient system throughout the years.



The new Cloud system from Panasonic allows you to have complete control of all your installations. In a simple click, all your units from several locations, receive status updates in real-time of all your installations, preventing breakdowns and optimizing costs.



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. Optional part.



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.

HIGH PERFORMANCE



The ECO*i* system works in heating mode at outdoor temperatures down to -25°C (2-Pipe series) or -20°C (3-Pipe series and Mini ECO*i*).



Automatic restart function for power failure. Even when power failure occurs, preset programmed operation can be reactivated once power is resumed.



Self-diagnosing function. By using electronic control valves past warnings are stored and can be verified on the liquid crystal display. This makes it easier to diagnose malfunctions, greatly reducing service labour and therefore costs.



Automatic fan operation. Convenient microprocessor control automatically adjusts fan speed to High, Medium or Low, corresponding to room sensor and maintains comfortable airflow throughout the room.



Air Sweep. The air sweep function moves the flap up and down in the air outlet, directing air in a "sweeping" motion around the room and providing comfort in every corner.



Dry. By intermittent control of compressor and indoor unit's fan, "Dry" gives you comfort. It realizes efficient dehumidification according to room temperature.



Built-in drain pump. Maximum head 50cm (or 75cm for U type) from the bottom of the unit.



Comfortable auto-flap control. When the unit is first turned on, flap position is automatically adjusted in accordance with the cooling or heating operation. This initial flap position can be preset within a certain range, for both cooling and heating. Auto button is included for continuous movement of flap to vary airflow direction.



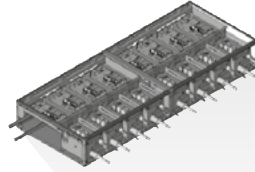
5 Years Warranty. We guarantee the outdoor unit compressors for five years.

VRF Systems Range Highlights



Hydrokit for ECOi

Produces LT hot water it is compatible with both ECOi, heat pump and heat recovery outdoors.



Multi port heat recovery boxes

New 3 boxes with 4, 6 and 8 ports brings to Heat Recovery systems bigger flexibility in design, and lower installation costs.



Pump down

Safer installations with refrigerant under control, meet regulations and increase your building energy class.



Hotel Remote Control

Indoor unit Hotel Remote control which integrates direct connection to: Card switch, lighting, Window contact and blinds.



Professional Climate Cloud

Centralised control of your business premises, from wherever 24/7. Smartly control, maintain, optimise and save.



Advanced indoors

DC fan motor, discharge temperature sensor, quiet operation, fresh air intake.



Outstanding performance

Compressor with high capacity range and high performance even at extreme conditions.



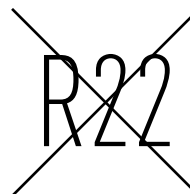
New 8/10HP Mini ECOi

New 8/10HP Mini ECOi more compact.



ECO G

Unique GHP VRF system: Wide range up to 30HP outdoor module, full indoor and controls compatibility, free hot water up to 75°C, and heat recovery range.



R22 replacement

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



ECO i

Best efficiency ECOi series from Panasonic

The ever-evolving Panasonic ECOi 6N series

The ECOi 6N series is designed for energy savings, easy installation, and high efficiency. Always continuing to evolve, Panasonic uses advanced technologies to meet the requirements of diverse situations and contribute to the creation of comfortable living spaces.

Mini ECOi 6 Series

Panasonic's policy of product development continues with the expansion of the Mini ECOi 6 Series, the 2-Pipe heat pump small VRF system specifically designed for the European market.

2-Pipe ECOi 6N Series

The 2-Pipe ECOi 6N series is specifically designed for energy saving, easy installation and high efficiency performance as its main focus.

3-Pipe ECOi MF2 6N Series

ECOi 3-Pipe is one of the most advanced VRF systems available. Not only offering high-efficiency and performance for simultaneous heating and cooling, its sophisticated design makes installation and maintenance much easier.



Mini ECOi 6
Series



2-Pipe ECOi 6N
Series



3-Pipe ECOi MF2
6N Series

COP
4.77*

* At full load

Mini ECOi Outdoor Unit



5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



Mini ECOi High Efficiency

HP			4HP							5HP							6HP							8HP						10HP																		
Model			U-4LE1E5			U-4LE1E8				U-5LE1E5			U-5LE1E8				U-6LE1E5			U-6LE1E8				U-8LE1E8*			U-10LE1E8*																					
Power supply			V	220	230	240	380	400	415	220	230	240	380	400	415	220	230	240	380	400	415	380	400	415	380	400	415																					
				Single Phase / 50Hz			Three Phase / 50Hz				Single Phase / 50Hz			Three Phase / 50Hz				Single Phase / 50Hz			Three Phase / 50Hz				Three Phase / 50Hz			Three Phase / 50Hz																				
Cooling capacity	Nominal	kW	12.1							14.0							15.5							22.4						25.0 / 28.0																		
EER ¹⁾	Nominal		4.30							4.20							3.45							3.80						3.31 / 3.11																		
Running amperes		A	13.9	13.3	12.7	4.9	4.7	4.5	16.3	15.6	14.9	5.7	5.4	5.2	21.5	20.5	19.7	7.5	7.1	6.9																												
Power input cooling	Nominal	kW	2.81							3.33							4.49																															
Heating capacity	Nominal	kW	12.5							16.0							18.0							25.0						28.0																		
COP ¹⁾	Nominal		4.62							4.30							3.95							4.02						3.93																		
Running amperes		A	13.2	12.7	12.1	4.7	4.5	4.3	18.0	17.2	16.5	6.3	6.0	5.8	21.6	20.7	19.8	7.5	7.2	6.9																												
Power input heating	Nominal	kW	2.71							3.72							4.56																															
Starting amperes		A								1																																						
Maximum amperes		A	21.0			8.5				24.5			10.0				28.0			12.0																												
Maximum power input		kW	4.44	4.64	4.84	5.15	5.42	5.62	5.17	5.41	5.64	6.06	6.37	6.61	5.91	6.18	6.45	7.27	7.65	7.94																												
Maximum number of connectable indoor units			6							8							9							13 ²																								
Air volume	Cooling / Heating	m³/min	95														104																															
Sound pressure level	Cooling (Hi / Lo)	dB(A)	50 / 47							51 / 48							52 / 49							64 / 65																								
	Heating (Hi / Lo)	dB(A)	52 / 49							53 / 50							55 / 52																															
Dimensions	H x W x D	mm	1,330 x 940 x 340																												1,500 x 980 x 370																	
Net weight		kg	104				103			104				103			104			103				138																								
Piping connections	Liquid pipe	Inch	3/8																																													
	Gas pipe	Inch	5/8														3/4																															
Refrigerant loading	R410A	kg	3.5																																													
Price		£	3,588.00				3,661.00			4,059.00				4,141.00			4,370.00			4,458.00				5,260.00						6,155.00																		

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

* Available in August 2016. Tentative data.

2-Pipe ECOi 6N Series Outdoor Units



5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



2-Pipe ECOi 6N Series

HP			8HP		10HP		12HP		14HP		16HP		18HP		20HP		
Standard model			U-8ME1E81		U-10ME1E81		U-12ME1E81		U-14ME1E81		U-16ME1E81		U-18ME1E81		U-20ME1E81		
Power supply			400 V / Three Phase / 50 Hz														
Cooling capacity			kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0							
EER ¹⁾	Nominal		4.04	3.60	3.61	3.60	3.36	3.50	3.33								
Operating current			A	8.5	12.2	14.6	17.1	20.7	22.8	26.8							
Power input cooling			kW	5.54	7.78	9.29	11.1	13.4	14.3	16.8							
Heating capacity			kW	25.0	31.5	37.5	45.0	50.0	56.0	63.0							
COP ¹⁾	Nominal		4.56	4.10	4.10	4.21	3.85	3.86	3.82								
Operating current			A	8.4	12.1	14.4	16.5	20.1	23.1	26.3							
Power input heating			kW	5.48	7.68	9.15	10.7	13.0	14.5	16.5							
Starting current			A	1				81	93	101							
External static pressure			Pa	80													
Air volume			m³/h	8,820	9,180	11,400	12,720	12,720	14,640	16,980							
Sound pressure level	Normal mode	dB(A)	56.5	59.0	61.0	62.0	62.0	60.0	63.0								
	Silent mode	dB(A)	53.5	56.0	58.0	59.0	59.0	57.0	60.0								
Dimensions	H x W x D	mm	1,758 x 770 x 930				1,758 x 1,000 x 930		1,758 x 1,540 x 930								
Net weight			kg	234		281	309		421								
Piping connections	Gas pipe	Inch	3/4	7/8	1				1-1/8								
	Liquid pipe	Inch	3/8		1/2				5/8								
	Balance pipe	Inch					1/4										
Refrigerant amount at shipment			kg	6.5	6.8		8.5		9.0								
Price			£	5,976.00	6,415.00	7,688.00	8,661.00	9,359.00	11,181.00	11,748.00							

2-Pipe ECOi 6N Series Outdoor Units



5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



2-Pipe ECOi 6N Series combination from 22 to 40HP

HP		22HP	24HP	26HP	28HP	30HP	32HP	34HP	36HP	38HP	40HP	
Standard model		U-14ME1E81 U-8ME1E81	U-14ME1E81 U-10ME1E81	U-14ME1E81 U-12ME1E81	U-16ME1E81 U-12ME1E81	U-16ME1E81 U-14ME1E81	U-16ME1E81 U-16ME1E81	U-18ME1E81 U-16ME1E81	U-20ME1E81 U-16ME1E81	U-20ME1E81 U-18ME1E81	U-20ME1E81 U-20ME1E81	
Power supply		400 V / Three Phase / 50 Hz										
Cooling capacity		kW	61.5	68.0	73.0	78.5	85.0	90.0	96.0	101.0	107.0	113.0
EER ¹⁾	Nominal	W/W	3.75	3.60	3.60	3.47	3.47	3.35	3.43	3.34	3.44	3.36
Operating current		A	25.2	29.4	31.6	35.2	37.8	41.5	44.0	47.5	49.6	53.6
Power input cooling		kW	16.4	18.9	20.3	22.6	24.5	26.9	28.0	30.2	31.1	33.6
Heating capacity		kW	69.0	76.5	81.5	87.5	95.0	100.0	108.0	113.0	119.0	127.0
COP ¹⁾	Nominal	W/W	4.34	4.09	4.12	3.96	4.03	3.86	3.86	3.83	3.84	3.85
Operating current		A	24.5	29.1	30.8	34.4	36.4	40.0	44.0	46.4	49.4	52.6
Power input heating		kW	15.9	18.7	19.8	22.1	23.6	25.9	28.0	29.5	31.0	33.0
Starting current		A	86	94	98	102	98	102	114	122	123	127
External static pressure		Pa	80									
Air volume		m³/h	21,540	21,900	24,120	24,120	25,440	25,440	27,360	29,700	31,620	33,960
Sound pressure level	Normal mode	dB(A)	63.0	63.5	64.5		65.0		64.0	65.5	65.0	66.0
	Silent mode	dB(A)	60.0	60.5	61.5		62.0		61.0	62.5	62.0	63.0
Dimensions	H x W x D	mm	1,758 x 1,830 x 930				1,758 x 2,060 x 930				1,758 x 3,140 x 930	
Net weight		kg	543		590		618		730		842	
Piping connections	Gas pipe	Inch	1-1/8		1 1/4				730		1-1/2	
	Liquid pipe	Inch	5/8		3/4							
	Balance pipe	Inch										
Refrigerant amount at shipment		kg	15.0	15.3				17.0		17.5		18.0
Price		£	14,637.00	15,076.00	16,349.00	17,047.00	18,020.00	18,718.00	20,540.00	21,107.00	22,929.00	23,496.00

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

2-Pipe ECOi 6N Series combination from 42 to 60HP

HP		42HP	44HP	46HP	48HP	50HP	52HP	54HP	56HP	58HP	60HP
Standard model		U-16ME1E81	U-16ME1E81	U-16ME1E81	U-16ME1E81	U-18ME1E81	U-20ME1E81	U-20ME1E81	U-20ME1E81	U-20ME1E81	U-20ME1E81
		U-14ME1E81	U-16ME1E81	U-16ME1E81	U-16ME1E81	U-16ME1E81	U-16ME1E81	U-18ME1E81	U-18ME1E81	U-20ME1E81	U-20ME1E81
		U-12ME1E81	U-12ME1E81	U-14ME1E81	U-16ME1E81	U-16ME1E81	U-16ME1E81	U-16ME1E81	U-18ME1E81	U-18ME1E81	U-20ME1E81
Power supply		400 V / Three Phase / 50 Hz									
Cooling capacity	kW	118.0	124.0	130.0	135.0	140.0	145.0	151.0	156.0	162.0	168.0
EER ¹⁾	Nominal	3.51	3.43	3.43	3.35	3.41	3.35	3.39	3.44	3.38	3.33
Operating current	A	52.1	56.2	58.5	62.2	64.2	67.7	70.3	72.4	76.4	80.4
Power input cooling	kW	33.6	36.2	37.9	40.3	41.1	43.3	44.5	45.4	47.9	50.4
Heating capacity	kW	132.0	138.0	145.0	150.0	155.0	160.0	169.0	175.0	182.0	189.0
COP ¹⁾	Nominal	4.04	3.92	3.96	3.86	3.86	3.84	3.85	3.85	3.83	3.81
Operating current	A	50.8	54.6	56.5	60.1	62.8	65.2	69.3	72.4	75.8	79.1
Power input heating	kW	32.7	35.2	36.6	38.9	40.2	41.7	43.9	45.4	47.5	49.6
Starting current	A	119	122	119	122	134	142	144	146	149	153
External static pressure	Pa	80									
Air volume	m³/h	36,840		38,160		40,080	42,420	44,340	46,260	48,600	50,940
Sound pressure level	Normal mode	dB(A)	66.5	67.0		66.0	67.0	66.5	66.0	67.0	68.0
	Silent mode	dB(A)	63.5	64.0		63.0	64.0	63.5	63.0	64.0	65.0
Dimensions	H x W x D	mm	1,758 x 2,890 x 930		1,758 x 3,120 x 930		1,758 x 3,660 x 930		1,758 x 4,200 x 930		1,758 x 4,740 x 930
Net weight	kg	899		927		1,039	1,151		1,263		
Piping connections	Gas pipe	Inch	1-1/2								
	Liquid pipe	Inch	3/4								
	Balance pipe	Inch	1/4								
Refrigerant amount at shipment	kg	23.8		25.5		26.0	26.5		27.0		
Price	£	25,708.00	26,406.00	27,379.00	28,077.00	29,899.00	30,466.00	32,288.00	34,110.00	34,677.00	35,244.00

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

2-Pipe ECOi 6N Series High COP Outdoor Units



5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



2-Pipe ECOi 6N Series 10-16HP High COP setting model

HP		10HP	12HP	14HP	16HP
High COP setting model		U-14ME1E81	U-16ME1E81	U-18ME1E81	U-20ME1E81
Power supply		400 V / Three Phase / 50 Hz			
Cooling capacity	kW	28.0	33.5	40.0	45.0
EER ¹⁾	Nominal	4.06	4.07	4.01	3.88
Operating current	A	10.7	12.7	15.4	17.9
Power input cooling	kW	6.90	8.23	9.98	11.6
Heating capacity	kW	31.5	37.5	45.0	50.0
COP ¹⁾	Nominal	4.45	4.45	4.41	4.39
Operating current	A	10.9	13.0	15.8	17.6
Power input heating	kW	7.08	8.43	10.2	11.4
Starting current	A	77	81	92	98
External static pressure	Pa	80			
Air volume	m³/h	12,720		14,640	16,980
Sound pressure level	Normal mode	62.0		60.0	63.0
	Silent mode	59.0		57.0	60.0
Dimensions	H x W x D	1,758 x 1,000 x 930		1,758 x 1,540 x 930	
Net weight	kg	307		423	
Piping connections	Gas pipe	7/8		1	1-1/8
	Liquid pipe	3/8		1/2	
	Balance pipe			1/4	
Refrigerant amount at shipment	kg	8.5		9.0	
Price	£	8,661.00	9,359.00	11,181.00	11,748.00

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

COP
4.54

5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



2-Pipe ECOi 6N Series High COP setting model combination from 18 to 48HP

HP		18HP	20HP	22HP	24HP	26HP	28HP	30HP	32HP	34HP	36HP	38HP	40HP	42HP	44HP	46HP	48HP		
High COP setting model		U-14ME1E81 U-8ME1E81	U-16ME1E81 U-8ME1E81	U-18ME1E81 U-8ME1E81	U-16ME1E81 U-16ME1E81	U-18ME1E81 U-16ME1E81	U-20ME1E81 U-16ME1E81	U-20ME1E81 U-18ME1E81	U-20ME1E81 U-20ME1E81	U-18ME1E81 U-16ME1E81	U-16ME1E81 U-16ME1E81	U-18ME1E81 U-16ME1E81	U-20ME1E81 U-16ME1E81	U-20ME1E81 U-18ME1E81	U-20ME1E81 U-18ME1E81	U-20ME1E81 U-20ME1E81	U-20ME1E81 U-20ME1E81		
Power supply		400 V / Three Phase / 50 Hz																	
Cooling capacity	kW	50.0	56.0	61.5	68.0	73.0	78.5	85.0	90.0	96.0	101.0	107.0	113.0	118.0	124.0	130.0	135.0		
EER ¹⁾	Nominal	4.07	4.06	3.97	4.07	4.01	3.96	3.94	3.88	4.09	4.07	4.08	4.04	3.96	3.97	3.92	3.88		
Operating current	A	18.9	21.2	23.9	25.8	28.1	30.6	33.4	35.9	36.2	38.3	40.5	43.3	46.1	48.3	51.4	53.8		
Power input cooling	kW	12.3	13.8	15.5	16.7	18.2	19.8	21.6	23.2	23.5	24.8	26.2	28.0	29.8	31.2	33.2	34.8		
Heating capacity	kW	56.0	63.0	69.0	76.5	81.5	87.5	95.0	100.0	108.0	113.0	119.0	127.0	132.0	138.0	145.0	150.0		
COP ¹⁾	Nominal	4.52	4.50	4.39	4.45	4.38	4.42	4.40	4.41	4.54	4.45	4.44	4.47	4.40	4.42	4.41	4.40		
Operating current	A	19.1	21.5	24.2	26.6	28.7	30.6	33.4	35.1	36.7	39.2	41.4	43.9	46.4	48.3	50.9	52.8		
Power input heating	kW	12.4	14.0	15.7	17.2	18.6	19.8	21.6	22.7	23.8	25.4	26.8	28.4	30.0	31.2	32.9	34.1		
Starting current	A	86	90	101	94	105	111	114	116	113	107	118	124	127	130	131	134		
External static pressure		Pa																	
Air volume		m³/h		21,540	23,460	25,440	27,360	29,700	31,620	33,960	36,180	38,160	40,080	42,420	44,340	46,260	48,600	50,940	
Sound pressure level	Normal mode	dB(A)		63.0	61.5	65.0	64.0	65.5	65.0	66.0	64.5	66.5	66.0	67.0	66.5	66.0	67.0	67.5	
	Silent mode	dB(A)		60.0	58.5	62.0	61.0	62.5	62.0	63.0	61.5	63.5	63.0	64.0	63.5	63.0	64.0	64.5	
Dimensions	H x W x D	mm		1,758 x 1,830 x 930	1,758 x 2,370 x 930	1,758 x 2,060 x 930	1,780 x 2,600 x 930	1,758 x 3,140 x 930	1,758 x 3,430 x 930	1,758 x 3,120 x 930	1,758 x 3,660 x 930	1,758 x 4,200 x 930	1,758 x 4,740 x 930	1,758 x 5,280 x 930	1,758 x 5,820 x 930	1,758 x 6,360 x 930	1,758 x 6,900 x 930	1,758 x 7,440 x 930	
	Net weight	kg		537	653	614	730	846	960	921	1,037	1,153	1,269	1,385	1,501	1,617	1,733	1,849	
Piping connections	Gas pipe	Inch		1-1/8				1 1/4				3/4				1-1/2			
	Liquid pipe	Inch		5/8															
	Balance pipe	Inch										1/4							
Refrigerant amount at shipment		kg		15.0	15.5	17.0	17.5	18.0	24.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5	
Price		€		14,637.00	15,335.00	17,157.00	18,718.00	20,540.00	21,107.00	22,929.00	23,496.00	26,516.00	28,077.00	29,899.00	30,466.00	32,288.00	34,110.00	34,677.00	35,244.00

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

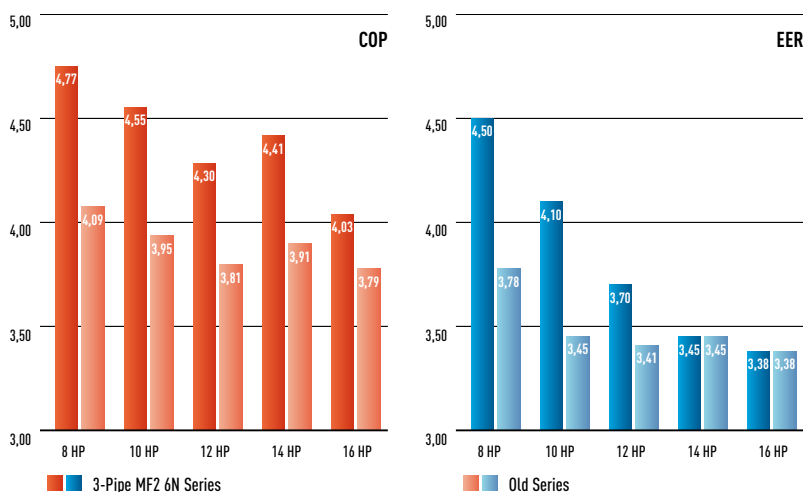
3-Pipe ECOi MF2 6N Series

Simultaneous heating and cooling VRF system

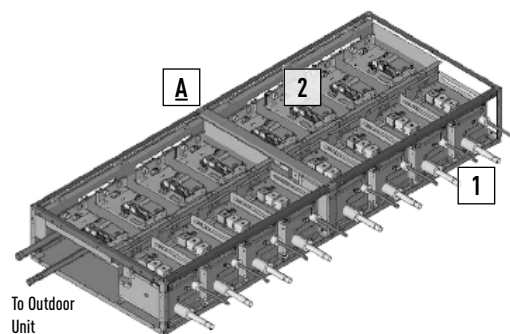
The New Panasonic 3-Pipe MF2 series offers the best solution for the most demanding customers.

- The new 3-Pipe units have only one chassis size, with a very small footprint (only 0,93 m²)
- 1 body for all sizes: 1.758 x 1.000 x 930mm, for 8, 10, 12, 14 and 16HP
- Maximum capacity size as 48HP by 3 unit combinations (16HP x 3 = 48HP)
- Up to 52 indoor units connectable
- Maximum capacity ratio of 150%

Market-leading COP (at full load), standard efficiency

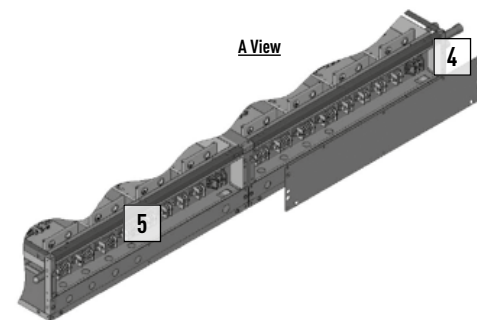


3-Pipe control box kit / Multiple connection type



To Outdoor Unit

A View



1. 8 connection port type (indoor unit side)
2. 3-Pipe control PCB included
3. Interface relay terminal included (to be mounted on indoor unit side)
4. Power supply terminal block
5. Control line wire terminal block

3-Pipe ECOi MF2 6N Series Outdoor Units



COP
4,77

Solenoid valve kit			Price €	3-Pipe control box kit			Price €
KIT-P56HR3	KIT-P56HR3	3-Pipe control Solenoid valve kit (up to 5,6kW)	472.00	CZ-P456HR3	4 ports 3 pipe box (up to 5,6kW)		2,175.00
CZ-P56HR3	CZ-P56HR3	Solenoid valve kit (up to 5,6kW)	395.00	CZ-P656HR3	6 ports 3 pipe box (up to 5,6kW)		3,325.00
CZ-CAPE2	CZ-CAPE2	3-Pipe control PCB	77.00	CZ-P856HR3	8 ports 3 pipe box (up to 5,6kW)		4,485.00
KIT-P160HR3	KIT-P160HR3	3-Pipe control Solenoid valve kit (from 5,6 to 10,6kW)	539.00	CZ-P4160HR3	4 ports 3 pipe box (up to 16,0kW)		2,425.00
CZ-P160HR3	CZ-P160HR3	Solenoid valve kit (up to 16,0kW)	462.00				
CZ-CAPE2	CZ-CAPE2	3-Pipe control PCB	77.00				
CZ-CAPEK2	CZ-CAPEK2	3-Pipe control PCB for wall mounted					

5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



3-Pipe ECOi MF2 6N Series 8-16HP

HP		8HP	10HP	12HP	14HP	16HP
Standard model		U-8MF2E8	U-10MF2E8	U-12MF2E8	U-14MF2E8	U-16MF2E8
Power supply		380 / 400 / 415 V - Three Phase / 50 Hz				
Cooling capacity	kW	22.4	28.0	33.5	40.0	45.0
EER ¹⁾	Nominal	4.50	4.10	3.70	3.45	3.38
Running current	380 / 400 / 415 V	8.60 / 8.20 / 8.00	11.3 / 10.8 / 10.6	15.1 / 14.5 / 14.1	19.2 / 18.4 / 17.9	22.0 / 21.1 / 20.6
Power input	kW	4.98	6.83	9.05	11.00	13.00
Heating capacity	kW	25.0	31.5	37.5	45.0	50.0
COP ¹⁾	Nominal	4.77	4.55	4.30	4.41	4.03
Running current	380 / 400 / 415 V	8.95 / 8.50 / 8.30	11.6 / 11.0 / 10.7	14.7 / 14.1 / 13.8	17.0 / 16.4 / 15.9	20.7 / 19.9 / 19.4
Power input	kW	5.24	6.92	8.72	10.2	12.4
Air volume	m ³ /min	158	178	212		
Sound pressure level	High / Low	57.0 / 54.0	59.0 / 56.0	61.0 / 58.0	62.0 / 59.0	62.0 / 59.0
Dimensions / Net weight	H x W x D	1,758 x 1,000 x 930 / 269		1,758 x 1,000 x 930 / 314		1,758 x 1,000 x 930 / 322
Piping connections	Suction pipe	Inch 3/4	7/8	1		1-1/8
	Discharge pipe	Inch 5/8		3/4	7/8	
	Liquid pipe	Inch 3/8			1/2	
	Balance pipe	Inch 1/4				
Refrigerant amount at shipment	kg	8.3	8.5	8.8	9.3	
Price	€	6,621.00	7,075.00	8,466.00	9,281.00	10,614.00

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

3-Pipe ECOi MF2 6N Series Outdoor Units



150%
CAPACITY RATIO

Solenoid valve kit			Price €	3-Pipe control box kit			Price €
KIT-P56HR3	KIT-P56HR3	3-Pipe control Solenoid valve kit (up to 5,6kW)	472.00	CZ-P456HR3	4 ports 3 pipe box (up to 5,6kW)		2,175.00
	CZ-P56HR3	Solenoid valve kit (up to 5,6kW)	395.00		6 ports 3 pipe box (up to 5,6kW)		3,325.00
	CZ-CAPE2	3-Pipe control PCB	77.00		8 ports 3 pipe box (up to 5,6kW)		4,485.00
KIT-P160HR3	KIT-P160HR3	3-Pipe control Solenoid valve kit (from 5,6 to 10,6kW)	539.00	CZ-P4160HR3	4 ports 3 pipe box (up to 16,0kW)		2,425.00
	CZ-P160HR3	Solenoid valve kit (up to 16,0kW)	462.00				
	CZ-CAPE2	3-Pipe control PCB	77.00				
CZ-CAPEK2			85.00				

5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



3-Pipe ECOi MF2 6N Series combination from 18 to 48HP

HP			18HP	20HP	22HP	24HP	26HP	28HP	30HP	32HP	34HP	36HP	38HP	40HP	42HP	44HP	46HP	48HP	
Standard model			U-8MF2E8	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-12MF2E8	U-14MF2E8	U-14MF2E8	U-14MF2E8	U-16MF2E8	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-14MF2E8	U-14MF2E8	U-14MF2E8	U-16MF2E8
			U-10MF2E8	U-12MF2E8	U-14MF2E8	U-16MF2E8	U-14MF2E8	U-14MF2E8	U-14MF2E8	U-16MF2E8	U-16MF2E8	U-14MF2E8	U-14MF2E8	U-14MF2E8	U-16MF2E8	U-14MF2E8	U-16MF2E8	U-16MF2E8	U-16MF2E8
Power supply			380 / 400 / 415 V - Three Phase / 50 Hz																
Cooling capacity		kW	50.4	56.0	61.5	68.0	73.0	78.5	85.0	90.0	96.0	101.0	107.0	113.0	118.0	124.0	130.0	135.0	
EER ¹⁾	Nominal		4.27	3.97	3.80	3.68	3.58	3.49	3.41	3.38	3.74	3.66	3.60	3.55	3.48	3.43	3.40	3.38	
Running current	380 V	A	19.7	23.8	27	30.9	33.7	37.2	41.1	43.9	42.9	46.1	49.6	53.1	56	59.6	63.8	65.9	
	400 V	A	18.9	22.9	26	29.7	32.4	35.7	39.5	42.2	41.2	44.3	47.6	51	53.8	57.3	61.3	63.3	
	415 V	A	18.4	22.3	25.3	28.9	31.5	34.8	38.5	41.1	39.7	43.1	46.4	49.7	52.4	55.8	59.7	61.7	
Power input		kW	11.8	14.1	16.2	18.5	20.4	22.5	24.90	26.6	25.7	27.6	29.7	31.8	33.9	36.1	38.2	39.9	
Heating capacity	kW		56.5	63.0	69.0	76.5	81.5	87.5	95.0	100.0	108.0	113.0	119.0	127.0	132.0	138.0	145.0	150.0	
	Nominal		4.63	4.47	4.57	4.20	4.38	4.49	4.20	4.03	4.44	4.52	4.33	4.12	4.46	4.30	4.14	4.03	
Running current	380 V	A	20.4	23.8	25.2	30.4	31.1	32.6	37.7	41.7	41	41.6	46.1	52.2	49.3	53.8	58.8	62.6	
	400 V	A	19.6	22.9	24.2	29.2	29.8	31.3	36.2	40.1	39.4	39.9	44.3	49.6	47.3	51.6	56.5	60.1	
	415 V	A	19.1	22.3	23.6	28.5	29.1	30.5	35.3	39.1	38.4	38.9	43.1	47.8	46.1	50.3	55	58.6	
Power input		kW	12.2	14.1	15.1	18.2	18.6	19.5	22.6	24.8	24.3	25.0	27.5	30.8	29.6	32.1	35.0	37.2	
Air volume		m³/min	336	370			424			582			636						
Sound pressure level	High / Low	dB(A)	61.0 / 58.0	62.5 / 59.5	63.0 / 60.0	64.5 / 61.5		65.0 / 62.0			65.5 / 62.5			67.0 / 64.0					
Dimensions	H x W x D	mm	1,758 x 2,060 x 930																
Net weight		kg	538		591		636		644		905		913		966				
Piping connections	Suction pipe	Inch	1-1/8			1 1/4			1-1/8			1-1/2			1 1/4				
	Discharge pipe	Inch	7/8			1			1-1/8			1 1/4							
	Liquid pipe	Inch	5/8						3/4										
	Balance pipe	Inch				1/4													
Refrigerant amount at shipment		kg	16.8	17.1	17.6		18.1		18.6		26.4		26.9		27.9				
Price		€	13,696.00	15,087.00	15,902.00	17,235.00	17,747.00	18,562.00	19,895.00	21,228.00	24,368.00	25,183.00	26,516.00	27,849.00	27,843.00	29,176.00	30,509.00	31,842.00	

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

3-Pipe ECOi MF2 6N Series High Efficiency Outdoor Units



Solenoid valve kit			Price €	3-Pipe control box kit			Price €
KIT-P56HR3	KIT-P56HR3	3-Pipe control Solenoid valve kit (up to 5,6kW)	472.00	CZ-P456HR3	4 ports 3 pipe box (up to 5,6kW)		2,175.00
	CZ-P56HR3	Solenoid valve kit (up to 5,6kW)	395.00		6 ports 3 pipe box (up to 5,6kW)		3,325.00
	CZ-CAPE2	3-Pipe control PCB	77.00		8 ports 3 pipe box (up to 5,6kW)		4,485.00
KIT-P160HR3	KIT-P160HR3	3-Pipe control Solenoid valve kit (from 5,6 to 10,6kW)	539.00	CZ-P4160HR3	4 ports 3 pipe box (up to 16,0kW)		2,425.00
	CZ-P160HR3	Solenoid valve kit (up to 16,0kW)	462.00				
	CZ-CAPE2	3-Pipe control PCB	77.00				
CZ-CAPEK2			85.00				

5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



3-Pipe ECOi MF2 6N Series High Efficiency combination 16 to 32HP

HP	16HP	24HP	26HP	28HP	30HP	32HP
High Efficiency model	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-8MF2E8
	U-8MF2E8	U-8MF2E8	U-8MF2E8	U-12MF2E8	U-12MF2E8	U-12MF2E8
Power supply 380 / 400 / 415 V - Three Phase / 50 Hz						
Cooling capacity	kW		45,0	68,0	73,0	78,5
EER ¹⁾	Nominal		4,50	4,47	4,32	4,11
Running current	380 / 400 / 415 V	A	17,3 / 16,4 / 16,0	26,2 / 24,9 / 24,3	28,5 / 27,4 / 26,7	32,2 / 31,0 / 30,2
Power input	kW		10,0	15,2	16,9	19,1
Heating capacity	kW		50,0	76,5	81,5	87,5
COP ¹⁾	Nominal		4,76	4,72	4,68	4,56
Running current	380 / 400 / 415 V	A	17,9 / 17,0 / 16,6	27,7 / 26,3 / 25,6	29,4 / 27,9 / 27,5	32,4 / 31,1 / 30,4
Power input	kW		10,5	16,2	17,4	19,2
Air volume	m³/min		316	474	494	528
Sound pressure level	High / Low	dB(A)	60,0 / 57,0	62,0 / 59,0	62,5 / 59,5	63,5 / 60,5
Dimensions (Combination)	H x W x D	mm	1.758 x 2.060 x 930		1.758 x 3.120 x 930	
Net weight	kg		538	807		860
Piping connections	Suction pipe	Inch	1-1/8		1 1/4	
	Discharge pipe	Inch	7/8		1	
	Liquid pipe	Inch	1/2		3/4	
	Balance pipe	Inch			1/4	
Refrigerant amount at shipment	kg		16,6	24,9	25,1	25,4
Price	€		13,242.00	19,863.00	20,317.00	21,708.00

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.



ECO G

Panasonic introducing the gas driven VRF

ECO G and ECO G Multi, S Series

The advanced Gas Driven VRF system offers increased efficiency and performance across the range.

Now more powerful than ever before, it can connect up to 48 indoor units.

Improvements include increased part load performance, reduced gas consumption with a Miller-cycle engine and reduced electrical consumption by using DC fan motors.

ECO G and ECO G Multi

The S Series 2-Pipe not only offers improved performance but also increased flexibility.

ECO G 3 Way

3 Way heat recovery system with simultaneous heating & cooling.



ECO G and ECO G Multi

ECO G 3 Way

ECO G Outdoor Units



Accessories	Price £
CZ-PSK560SP Service kit for U-30GE2E5. Material included: Oil filter (1), Air cleaner element (1), Spark plug (4), V Belt (for compressor) (1), V Belt (for generator) (0), Oil absorption mats (1), Drain filter packing (1)	850.00

5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



ECO G and ECO G Multi

HP		16HP	20HP	25HP	30HP	32HP	36HP*	40HP*	45HP*	50HP
Model		U-16GE2E5	U-20GE2E5	U-25GE2E5	U-30GE2E5	U-16GE2E5 U-16GE2E5	U-16GE2E5 U-20GE2E5	U-20GE2E5 U-20GE2E5	U-20GE2E5 U-25GE2E5	U-25GE2E5 U-25GE2E5
Cooling capacity	kW	45.00	56.00	71.00	85.00	90.00	101.00	112.00	127.00	142.00
Hot water (cooling mode)	kW	15.00	20.00	30.00	30.00	30.00	35.00	40.00	50.00	60.00
Power Input	kW	0.71	1.02	1.33	1.70	1.42	1.73	2.04	2.35	2.66
EER (Calorific Value) ¹ High / Low	W/W	1.48 / 1.64	1.40 / 1.55	1.15 / 1.28	1.22 / 1.35	1.48 / 1.64	1.43 / 1.59	1.40 / 1.55	1.25 / 1.39	1.15 / 1.28
Max COP (inc hot water)		1.97	1.89	1.64	1.65	1.97	1.93	1.89	1.74	1.64
Gas consumption	kW	29.70	39.10	60.40	67.9	59.40	68.80	78.20	99.50	120.80
Heating capacity	STD / Low temperature ²	kW	50.00 / 53.00	63.00 / 67.00	80.00 / 78.00	95.00 / 90.00	100.00 / 106.00	113.00 / 120.00	126.00 / 134.00	143.00 / 145.00
Power Input	kW	0.60	0.64	0.83	1.45	1.20	1.24	1.28	1.47	1.66
COP (Calorific Value) ¹ High / Low	W/W	1.51 / 1.68	1.46 / 1.62	1.48 / 1.64	1.37 / 1.52	1.51 / 1.68	1.48 / 1.64	1.46 / 1.62	1.47 / 1.63	1.48 / 1.64
Gas consumption	STD / Low temperature ²	kW	32.50 / 41.50	42.50 / 56.40	53.20 / 62.30	68.10 / 78.00	65.00 / 83.00	75.00 / 97.90	85.00 / 112.80	95.70 / 118.70
COP	Average		1.50	1.43	1.32	1.29	1.50	1.46	1.43	1.36
Starter amperes	A	30								
Sound pressure level	dB(A)	57	58	62	63	60	61		63	65
Dimensions	H x W x D	mm			2,273 x 1,650 x 1,000 (+80)	2,273 x 2,026 x 1,000 (+80)	2,273 x 1,650+100+1,650 x 1,000 (+80)			
Net weight	kg	755	780	810	840	755 + 775	755 + 780	780 + 780	780 + 810	810 + 810
Pipe Connections	Gas	Inch	1 1/8			1 1/4			1 1/2	
	Liquid	Inch	1/2	5/8			3/4			
	Fuel gas					R3/4 (bolt thread)				
	Exhaust drain port	mm				25 rubber hose				
Indoor/outdoor capacity ratio		50-200 %			50-170 %		50-130 %			
Number of connections indoor		24			32		48			
Price	£	25,860.00	29,473.00	31,489.00	35,190.00	51,720.00	55,333.00	58,946.00	60,962.00	62,978.00

Heating (low temp.) Indoor 20°C DB / 15°C WB or less. Heating (low temp.) Outdoor 2°C DB / 1°C WB. * In these combinations, GEP2E5 is able to connect to a W-multi system Specifications subject to change without notice instead of a GE2E5.

ECO G Outdoor Units



Solenoid valve kit	Price £	3-Pipe control box kit	Price £
KIT-P56HR3 KIT-P56HR3 3-Pipe control Solenoid valve kit (up to 5,6kW)	472.00	CZ-P456HR3 4 ports 3 pipe box (up to 5,6kW)	2,175.00
CZ-P56HR3 Solenoid valve kit (up to 5,6kW)	395.00	CZ-P656HR3 6 ports 3 pipe box (up to 5,6kW)	3,325.00
CZ-CAPE2 3-Pipe control PCB	77.00	CZ-P856HR3 8 ports 3 pipe box (up to 5,6kW)	4,485.00
KIT-P160HR3 KIT-P160HR3 3-Pipe control Solenoid valve kit (from 5,6 to 10,6kW)	539.00	CZ-P4160HR3 4 ports 3 pipe box (up to 16,0kW)	2,425.00
CZ-P160HR3 Solenoid valve kit (up to 16,0kW)	462.00	Accessories	
CZ-CAPE2 3-Pipe control PCB	77.00	CZ-PSK560SP Service kit for U-16GF2E5, U-20GF2E5 and U-25GF2E5.	850.00
CZ-CAPEK2 3-Pipe control PCB for wall mounted	85.00	Material included: Oil filter (1), Air cleaner element (1), Spark plug (4), V BELT (for compressor) (1), V Belt (for generator) (0), Oil absorption mats (1), Drain filter packing (1)	



ECO G 3 Way

HP		16HP	20HP	25HP
Model		U-16GF2E5	U-20GF2E5	U-25GF2E5
Cooling capacity	kW	45.00	56.00	71.00
Power input cooling	kW	0.71	1.02	1.33
EER (Calorific Value) ¹ High / Low	W/W	1.48 / 1.64	1.40 / 1.55	1.15 / 1.28
Cooling gas consumption	kW	29.7	39.1	60.4
Heating capacity	STD	kW	63.00	80.00
	Low temperature ²	kW	67.00	78.00
Power input heating	kW	0.60	0.64	0.83
COP (Calorific Value) ¹ High / Low	W/W	1.51 / 1.68	1.46 / 1.62	1.48 / 1.64
Gas consumption	STD	kW	42.5	53.2
	Low temperature ²	kW	56.4	62.3
COP	Average		1.43	1.32
Starter amperes	A	30		
Operation sound	dB(A)	57	58	62
Dimensions	H x W x D	mm		
Net weight	kg	775		805
Pipe Connections	Gas	Inch	1 1/8	
	Liquid	Inch	3/4	
	Discharge	Inch	7/8	1
	Fuel gas		R3/4	
	Exhaust drain port	mm	25	
Indoor/outdoor capacity ratio		50-200% ³		
Number of connected indoor units		24		
Price	£	27,433.00	30,481.00	33,013.00

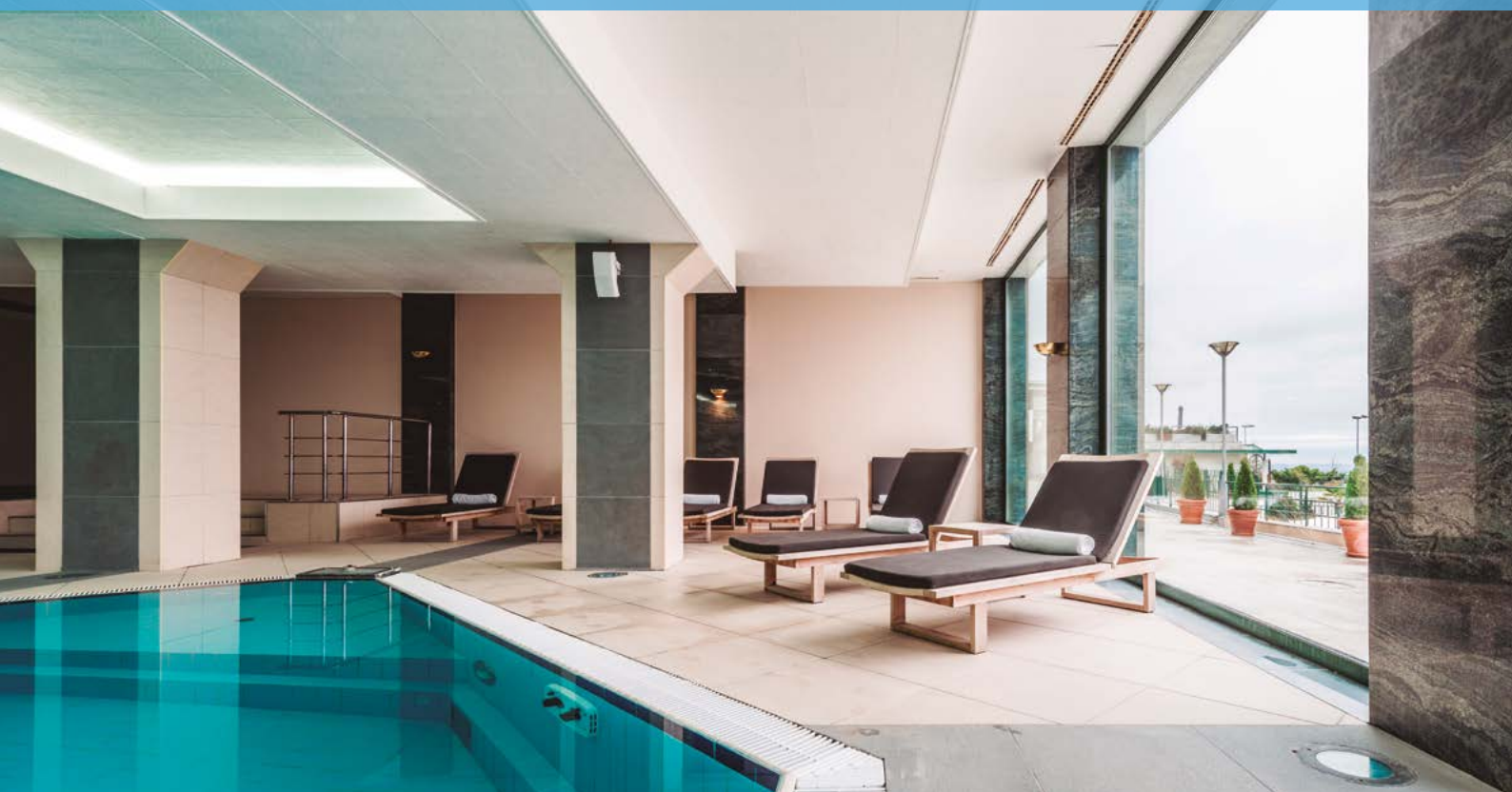
Heating (standard) Outdoor 7°C DB / 6°C WB. Heating (low temp.) Indoor 20°C DB / 15°C WB or less. Heating (low temp.) Outdoor 2°C DB / 1°C WB.

1) Referred to Natural Gas (HCV 37,78 MJ/Nm³ or 55,56 MJ/kg; LCV 34,00 MJ/Nm³ or 50,00 MJ/kg). 2) Low temperature condition: outdoor temperature 2°C. 3) Indoor unit can be connected to up to 16kW model (model size 60).

Cooling and heating capacities in the tables are determined under the test conditions of JIS B 8627. Effective heating requires that the outdoor air intake temperature be at least -20°C DB or -21°C WB.

• Gas consumption is the total (high) calorific value standard. • Outdoor unit operating sound is measured 1 meter from the front and 1.5 meters above the floor (in an anechoic environment). Actual installations may have larger values due to ambient noise and reflections. • Specifications are subject to change without notice.

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)
Specifications subject to change without notice. For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.plc.panasonic.eu.



The Panasonic solution for chilled and hot water production!

ECOi from 28kW to 50kW. Key benefits:

Heating, cooling and DHW / Water connections R2" for 28kW and R2,5" for 50kW / No cascade installation up to 51,3kW / Full line-up of outdoor units which can cover up to 50kW heat demand / Large choice of remote controls and interfaces / 3,25 COP with water at 45°C and outdoor temperature of +7°C

Water Heat Exchanger



5 YEARS COMPRESSOR
WARRANTY: Only for
PRO Partners.



ECOi 2-Pipe with Water Heat Exchanger for chilled and hot water production

Hydrokit with A class pump*			PAW-250WX2E5N	PAW-500WX2E5N
Hydrokit without pump			PAW-250WX2E5N2	PAW-500WX2E5N2
Nominal cooling capacity at 35°C, water outlet 7°C			25.0	50.0
Nominal heating capacity			28.0	56.0
COP at +7°C with heating water temperature at 45°C			2.97	3.10
Heating Energy Efficiency class at 35°C			A++	A++
Dimensions / Net weight	H x W x D	mm / kg	1,010 x 570 x 960 / 120	1,010 x 570 x 960 / 145
Capacity of integrated electric heater			Not equipped	
Input power			0.01 + (min, 0.05 / max, 0.13 for water pump)	0.01 + (min, 0.19 / max, 0.31 for water pump)
Maximum current			0.07 + (min, 0.37 / max, 0.95 for water pump)	0.07 + (min, 0.88 / max, 1.37 for water pump)
Outdoor Unit			U-10ME1E8	U-20ME1E8
Sound pressure level			59	63
Dimensions / Net weight	H x W x D	mm / kg	1,758 x 770 x 930 / 234	1,758 x 1,540 x 930 / 421
Piping connections	Liquid pipe — Gas pipe	Inch	3/8 — 7/8	5/8 — 1-1/8
Refrigerant (R410A)			6.8 *Need Additional gas amount at site	9.0 *Need Additional gas amount at site
Pipe length range / Elevation difference (in/out)			170 / 50 (OD above) 35 (OD below)	
Pipe length for nominal capacity			7.5	
Pipe length for additional gas / Additional gas amount (R410A)			0 < / Refer to manual	
Hydrokit with A class pump			8,310.00	8,780.00
Hydrokit without pump Price			7,900.00	8,341.00
Outdoor Unit Price			6,415.00	11,748.00

* PAW-250WX2E5N includes pump with 0-10 Volt Control by default / PAW-500WX2E5N includes pump with 0-10 Volt with optional IF.

1) With accessory low temperature kit -25 — +15°C.

Performance calculation in agreement with Eurovent. Sound pressure measured at 1m from the outdoor unit and at 1.5m height.

Water Heat Exchanger



ECO G with Water Heat Exchanger for chilled and hot water production

Hydrokit with A class pump*			PAW-500WX2E5N	PAW-710WX2E5N
Hydrokit without pump			PAW-500WX2E5N2	PAW-710WX2E5N2
Nominal Cooling Capacity			50	67
Cooling capacity at +35°C, outlet temperature 7°C, inlet temperature 12°C	kW		50	67
EER at +35°C, outlet temperature 7°C, inlet temperature 12°C			1.15	1.05
Nominal Heating Capacity			60.0	80.0
Heating Capacity at +7°C, heating water temperature at 35°C	kW		62.0	82.8
COP at +7°C with heating water temperature at 35°C			1.48	1.34
Heating Energy Efficiency class at 35°C			A	
Dimensions	H x W x D	mm	1,010 x 570 x 960	
Weight		kg	145	180
Capacity of integrated electric heater		kW	Not equipped	
Input Power		kW	0.01 + (min, 0.19 / max, 0.31 for water pump)	0.01 + (min, 0.17 / max, 0.31 for water pump)
Maximum Current		A	0.07 + (min, 0.88 / max, 1.37 for water pump)	0.07 + (min, 0.85 / max, 1.37 for water pump)
Outdoor Unit			U-20GE2E5	U-30GE2E5
Sound pressure		dB(A)	58	63
Dimensions / Weight	H x W x D	mm / kg	2,273 x 1,650 x 1,000 / 780	2,273 x 2,026 x 1,000 / 840
Piping connections	Liquid pipe / Gas pipe	Inch	5/8 / 1-1/8	3/4 / 1 1/4
Pipe length / for nominal capacity	Max.	m	7 / 170	
Elevation difference (in/out)		m	50 (OD above) 35 (OD below)	
Hydrokit with A class pump		£	8,780.00	9,620.00
Hydrokit without pump Price		£	8,341.00	9,140.00
Outdoor Unit Price		£	29,473.00	35,190.00

Performance calculation in agreement with Eurovent. Sound pressure measured at 1m from the outdoor unit and at 1.5m height.

* PAW-500WX2E5N and PAW-710WX2E5N includes pump with 0-10 Volt with optional IF.

Aquarea Air Radiators



AQUAREA
AIR

Aquarea Air Radiators

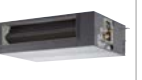
Fan Coils for Heat Pump application		PAW-AAIR-200						PAW-AAIR-700						PAW-AAIR-900					
Total heating capacity	W	138	160	217	470	570	223	360	708	1,032	1,188	273	475	886	1,420	1,703			
Water flow	kg/h	23.7	27.5	37.3	80.8	98.0	38.4	61.9	121.8	177.5	204.3	47.0	81.7	152.4	244.2	292.9			
Water pressure drop	kPa	0.1	0.2	0.4	2.0	2.9	0.1		0.3	0.8	1.0	0.1	0.2	0.5	1.6	2.2			
Air flow	m³/h	28	37	55	113	162	44	84	155	252	320	54	110	248	367	461			
	Speed	Main Fan Off	Super Min	Min	Med	Max	Main Fan Off	Super Min	Min	Med	Max	Main Fan Off	Super Min	Min	Med	Max			
Maximum input power	W	2	5	7	9	13	3	9	14	18	22	3	11	16	20	24			
Sound pressure level	dB(A)	17.6	18.8	24.7	33.2	39.4	18.4	19.6	25.8	34.1	40.2	18.4	22.3	26.2	34.4	42.2			
Inlet water temperature	°C	35						35						35					
Outlet water temperature	°C	30						30						30					
Inlet air temperature	°C	19						19						19					
Outlet air temperature	°C	34.5	32.6	38.9	32.0	30.0	34.9	32.4	33.3	31.8	30.6	34.8	32.5	30.2	31.1	30.6			
Dimensions (H x W x D)	mm	579 x 735 x 129						579 x 935 x 129						579 x 1,135 x 129					
Weight	kg	17						20						23					
3 ways valve included		Yes						Yes						Yes					
Touch screen thermostat		Yes						Yes						Yes					
Price	£	551.00						597.00						715.00					

ECOi and ECO G systems indoor units range

	1.5kW	2.2kW	2.8kW	3.0kW	3.6kW	4.0kW	4.5kW
U1 Type // 4 Way 90x90 Cassette		 S-22MU1E5A	 S-28MU1E5A		 S-36MU1E5A		 S-45MU1E5A
Y2 TYPE // 4 Way 60x60 Cassette	 S-15MY2E5A	 S-22MY2E5A	 S-28MY2E5A		 S-36MY2E5A		 S-45MY2E5A
L1 Type // 2 Way Cassette		 S-22ML1E5	 S-28ML1E5		 S-36ML1E5		 S-45ML1E5
D1 Type // 1 Way Cassette			 S-28MD1E5		 S-36MD1E5		 S-45MD1E5
F2 Type // Variable Static Pressure Hide Away	 S-15MF2E5A	 S-22MF2E5A	 S-28MF2E5A		 S-36MF2E5A		 S-45MF2E5A
M1 Type // Slim Variable Static Pressure Hide Away	 S-15MM1E5A	 S-22MM1E5A	 S-28MM1E5A		 S-36MM1E5A		 S-45MM1E5A
E2 Type // High Static Pressure Hide Away							
Heat Recovery With DX Coil				 PAW-500ZDX2		 PAW-800ZDX2	 PAW-01KZDX2
T2 Type // Ceiling					 S-36MT2E5A		 S-45MT2E5A
K2/K1 Type // Wall Mounted	 S-15MK2E5A	 S-22MK2E5A	 S-28MK2E5A		 S-36MK2E5A		 S-45MK1E5A
P1 Type // Floor Standing		 S-22MP1E5	 S-28MP1E5		 S-36MP1E5		 S-45MP1E5
R1 Type // Concealed Floor Standing		 S-22MR1E5	 S-28MR1E5		 S-36MR1E5		 S-45MR1E5
Hydrokit for ECOi, water at 45°C							

Wide choice of models depending on the indoor requirements.

	16.0kW	28.0kW	56.0kW	84.0kW	112.0kW	140.0kW	168.0kW
AHU Connection Kit 16, 28 and 56kW for ECOi and ECO G	 PAW-160MAH2	 PAW-280MAH2	 PAW-560MAH2	 PAW-280MAH2 + PAW-560MAH2	 PAW-560MAH2 x 2	 PAW-280MAH2 + PAW-560MAH2 x 2	 PAW-560MAH2 x 3

5.6kW	6.0kW	7.3kW	9.0kW	10.6kW	14.0kW	16.0kW	22.4kW	28.0kW
 S-56MU1E5A	 S-60MU1E5A	 S-73MU1E5A	 S-90MU1E5A	 S-106MU1E5A	 S-140MU1E5A	 S-160MU1E5A		
 S-56MY2E5A								
 S-56ML1E5		 S-73ML1E5						
 S-56MD1E5		 S-73MD1E5						
 S-56MF2E5A	 S-60MF2E5A	 S-73MF2E5A	 S-90MF2E5A	 S-106MF2E5A	 S-140MF2E5A	 S-160MF2E5A		
 S-56MM1E5A								
							 S-224ME2E5	 S-280ME2E5
 S-56MT2E5A		 S-73MT2E5A		 S-106MT2E5A	 S-140MT2E5A			
 S-56MK1E5A		 S-73MK1E5A		 S-106MK1E5A				
 S-56MP1E5		 S-71MP1E5						
 S-56MR1E5		 S-71MR1E5						
			 S-80MW1E5		 S-125MW1E5			

	11.4kW	25.0kW	31.5kW	37.5kW
Air Curtain Jet-Flow with DX Coil	 PAW-10EAIRC-MJ	 PAW-15EAIRC-MJ	 PAW-20EAIRC-MJ	 PAW-25EAIRC-MJ
Air Curtain Standard with DX Coil	 PAW-10EAIRC-MS		 PAW-20EAIRC-MS	

VRF Systems Indoor Units



INTERNET CONTROL: Optional.



U1 Type 4 Way 90x90 Cassette

Model		S-22MU1E5A	S-28MU1E5A	S-36MU1E5A	S-45MU1E5A	S-56MU1E5A	S-60MU1E5A	S-73MU1E5A	S-90MU1E5A	S-106MU1E5A	S-140MU1E5A	S-160MU1E5A
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	10.6	14.0	16.0
Power input cooling	W		20			25	35		40	95	100	115
Operating current cooling	A		0.19			0.22	0.31	0.33	0.36	0.71	0.76	0.89
Heating capacity	kW	2.5	3.2	4.2	5.0	6.3	7.1	8.0	10.0	11.4	16.0	18.0
Power input heating	W		20			25	35		40	85	100	105
Operating current heating	A		0.17			0.20	0.30	0.32	0.34	0.65	0.73	0.80
Air volume	Hi / Med / Lo	m³/h	840 / 720 / 660		900 / 780 / 720	960 / 810 / 720	1,260 / 1,020 / 840		1,380 / 1,140 / 900	1,980 / 1,620 / 1,260	2,100 / 1,680 / 1,320	2,160 / 1,740 / 1,380
Sound pressure level	Hi / Med / Lo	dB(A)	30 / 29 / 28		31 / 29 / 28	33 / 30 / 28	36 / 32 / 29	37 / 32 / 29	38 / 35 / 32	44 / 38 / 34	45 / 39 / 35	46 / 40 / 38
Dimensions	H x W x D	mm			256 (+33.5) x 840 (950) x 840 (950)					319 (+33.5) x 840 (950) x 840 (950)		
Net weight		kg		23				24			27	
Pipe connections	Liquid	Inch		1/4					3/8			
	Gas	Inch		1/2					5/8			
Indoor Unit Price	£	796.00	817.00	846.00	903.00	957.00	975.00	993.00	1,078.00	1,142.00	1,323.00	1,478.00
CZ-KPU21 Panel Price	£	176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00



INTERNET CONTROL: Optional.



Y2 Type 4 Way 60x60 Cassette

Model¹		S-15MY2E5A	S-22MY2E5A	S-28MY2E5A	S-36MY2E5A	S-45MY2E5A	S-56MY2E5A
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
Power input cooling	W		35			40	
Operating current cooling	A			0.30		0.32	0.35
Heating capacity	kW	1.7	2.5	3.2	4.2	5.0	6.3
Power input heating	W		30			35	
Operating current heating	A		0.25			0.30	
Air volume	Cooling	m³/h	534 / 492 / 336	546 / 492 / 336	558 / 504 / 336	582 / 522 / 360	600 / 558 / 492
	Heating	m³/h	546 / 504 / 336	558 / 504 / 336	576 / 522 / 336	594 / 546 / 360	618 / 576 / 492
Sound pressure level	Hi / Med / Lo	dB(A)	34 / 31 / 25		35 / 31 / 25	36 / 32 / 26	38 / 34 / 28
Dimensions	H x W x D	mm			288 x 583 x 583		40 / 37 / 34
Net weight		kg			20.4 (18 + 2.4)		
Pipe connections	Liquid	Inch			1/4		
	Gas	Inch			1/2		
Indoor Unit Price	£	710.00	729.00	749.00	768.00	832.00	921.00
CZ-KPY3A (700 x 700mm) Panel Price	£	176.00	176.00	176.00	176.00	176.00	176.00
CZ-KPY3B (625 x 625mm) Panel Price	£	176.00	176.00	176.00	176.00	176.00	176.00



INTERNET CONTROL: Optional.



L1 Type 2 Way Cassette

Model		S-22ML1E5	S-28ML1E5	S-36ML1E5	S-45ML1E5	S-56ML1E5	S-73ML1E5
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.3
Power input cooling	W	90	92	93		97	145
Operating current cooling	A			0.45			0.65
Heating capacity	kW	2.5	3.2	4.2	5.0	6.3	8.0
Power input heating	W	58	60	61	65		109
Operating current heating	A			0.29			0.48
Air volume	Hi / Med / Lo	m³/h	480 / 420 / 360	540 / 480 / 420	580 / 520 / 460	660 / 540 / 480	1,140 / 960 / 840
Sound pressure level	Hi / Med / Lo	dB(A)	30 / 27 / 24	33 / 29 / 26	34 / 31 / 28	35 / 33 / 29	38 / 35 / 33
Dimensions	H x W x D	mm			350(+8) x 840 (1,060) x 600 (680)		350(+8) x 1,140 (1,360) x 600 (680)
Net weight		kg			28.5 (23 + 5.5)		39 (30 + 9)
Pipe connections	Liquid	Inch			1/4		3/8
	Gas	Inch			1/2		5/8
Indoor Unit Price	£	1,009.00	1,031.00	1,091.00	1,260.00	1,292.00	1,339.00
CZ-02KPL2 Panel Price	£	314.00	314.00	314.00	314.00	314.00	—
CZ-03KPL2 (for S-73ML1E5) Panel Price	£	—	—	—	—	—	375.00



D1 Type 1 Way Cassette

Model		S-28MD1E5	S-36MD1E5	S-45MD1E5	S-56MD1E5	S-73MD1E5
Cooling capacity	kW	2.8	3.6	4.5	5.6	7.3
Power input cooling	W		51		60	87
Operating current cooling	A		0.39		0.46	0.70
Heating capacity	kW	3.2	4.2	5.0	6.3	8.0
Power input heating	W		40		48	76
Operating current heating	A		0.35		0.41	0.65
Air volume	Hi / Med / Lo	720 / 600 / 540		720 / 660 / 600	780 / 690 / 600	1,080 / 900 / 780
Sound pressure level	Hi / Med / Lo	36 / 34 / 33		36 / 35 / 34	38 / 36 / 34	45 / 40 / 36
Dimensions	H x W x D	200 (+20) x 1,000 (1,230) x 710 (800)			200 (+20) x 1,000 (1,230) x 710 (800)	
Net weight	kg	26.5 (21 + 5.5)				27.5 (22 + 5.5)
Pipe connections	Liquid	1/4				3/8
	Gas	1/2				5/8
Indoor Unit Price	£	1,097.00	1,161.00	1,207.00	1,236.00	1,375.00
CZ-KPD2 Panel Price	£	331.00	331.00	331.00	331.00	331.00

INTERNET CONTROL- Optional.



F2 Type Variable Static Pressure Hide Away

Model		S-15MF2E5A		S-22MF2E5A		S-28MF2E5A		S-36MF2E5A		S-45MF2E5A		S-56MF2E5A		S-60MF2E5A		S-73MF2E5A		S-90MF2E5A		S-106MF2E5A		S-140MF2E5A		S-160MF2E5A	
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	10.6	14.0	16.0												
Power input cooling	W	70				70	100	120	135	195	215	225													
Operating current cooling	A	0.57				0.74	0.89	0.97	1.30	1.44	1.50														
Heating capacity	kW	1.7	2.5	3.2	4.2	5.0	6.3	7.1	8.0	10.0	11.4	16.0	18.0												
Power input heating	W	70				100	120	135	200	210	225														
Operating current heating	A	0.57				0.74	0.89	0.97	1.34	1.42	1.50														
Air volume ¹	Hi / Med / Lo	840 / 780 / 540				840 / 780 / 600		960 / 900 / 720		1,260 / 1,140 / 900		1,500/1,380/1,140		1,920/1,560/1,260		2,040/1,740/1,380		2,160/1,920/1,500							
External static pressure	Pa	70 (10-150)																							
Sound pressure level ²	Hi / Med / Lo	33 / 29 / 22				34 / 32 / 25				35 / 32 / 26		37 / 34 / 28		38 / 34 / 31		39 / 35 / 32		40 / 36 / 33							
Dimensions	H x W x D	290 x 800 x 700						290 x 1,000 x 700						290 x 1,400 x 700											
Net weight	kg	29						34						46											
Pipe connections	Liquid	1/4												3/8											
	Gas	1/2												5/8											
Price	€	704.00	721.00	738.00	756.00	786.00	872.00	1,006.00	1,032.00	1,046.00	1,190.00	1,271.00	1,392.00												

1) Value referred to standard settings at shipment (H curve 8, M curve 5, L curve 1). 2) Sound pressure without refrigerant flow.



M1 Type Slim Variable Static Pressure Hide Away Concealed Duct

Model		S-15MM1E5A	S-22MM1E5A	S-28MM1E5A	S-36MM1E5A	S-45MM1E5A	S-56MM1E5A
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
Power input cooling	W		36	40	42	49	64
Operating current cooling	A		0.26	0.30	0.31	0.37	0.48
Heating capacity	kW	1.7	2.5	3.2	4.2	5.0	6.3
Power input heating	W		26	30	32	39	54
Operating current heating	A		0.23	0.27	0.28	0.34	0.45
Air volume	Hi / Med / Lo	480 / 420 / 360		510 / 450 / 390	540 / 480 / 420	630 / 570 / 480	750 / 690 / 600
External static pressure	Pa	10 (30)		15 (30)	15 (40)		
Sound pressure level	Hi / Med / Lo ¹	28 / 27 / 25 (30 / 29 / 27)		30 / 29 / 27 (32 / 31 / 29)	32 / 30 / 28 (34 / 32 / 30)	34 / 32 / 30 (36 / 34 / 32)	35 / 33 / 31 (37 / 35 / 32)
Dimensions	H x W x D	200 x 750 x 640					
Net weight	kg	19					
Pipe connections	Liquid	1/4					
	Gas	1/2					
Price	£	683.00	703.00	724.00	755.00	786.00	822.00

1) With booster cable using short circuit connection.

INTERNET CONTROL- Optional.



VRF Systems Indoor Units



KIT for 100% Fresh air function

For 2 Way systems	Price £	For 3 Way systems	Price £
CZ-P160RVK2 (x2) Rap valve kit	942.00	CZ-P160HR3 (x2) 3 way valve kit	924.00
CZ-CAPE2 (x2) 3 way control PCB	154.00	CZ-CAPE2 (x2) 3 way control PCB	154.00
CZ-P680BK2BM Branch pipe (from 22,4 to 68kW)	110.00	CZ-P680BH2BM Branch pipe (from 22,4 to 68kW)	135.00

INTERNET CONTROL: Optional.



E2 Type High Static Pressure Hide Away

		100% Fresh air duct function (by using Kit for 100% Fresh air)		High pressure duct	
Model		S-224ME2E5	S-280ME2E5	S-224ME2E5	S-280ME2E5
Cooling capacity	kW	22.4	28.0	22.4	28.0
Power input cooling	W	290	350	440	715
Operating current cooling	A	1.85	2.20	2.45	3.95
Heating capacity	kW	21.2	26.5	25.0	31.5
Power input heating	W	290	350	440	715
Operating current heating	A	1.85	2.20	2.45	3.95
Air volume	Hi / Med / Lo	m³/h	700 / — / —	2,100 / — / —	3,360 / 3,060 / 2,640
External static pressure	Pa	200	200	140 (60 / 270) ¹	140 (60 / 270) ¹
Sound pressure level ²	Hi / Med / Lo	dB(A)	— / — / 43	— / — / 44	45 / 43 / 41
Dimensions	H x W x D	mm	479 x 1,453 x 1,205	479 x 1,453 x 1,205	49 / 47 / 43
Net weight	kg	102	106	102	106
Pipe connections	Liquid	Inch	3/8	3/8	3/8
	Gas	Inch	7/8	7/8	7/8
Price	£	4,253.00	4,568.00	4,253.00	4,568.00

Rating Conditions for 100% Fresh air duct function: Cooling Outdoor 33°C DB / 28°C WB. Heating Outdoor 0°C DB / -2.9°C WB. 1) Available to select the setting by initial setup. 2) Values with 140Pa setting.

Bioxigen
the best heat of quality

Heat Recovery with DX Coil

Model		PAW-500ZDX2		PAW-800ZDX2		PAW-01KZDX2	
Air volume	Hi / Med / Lo	m³/h	500 / 500 / 360	800 / 800 / 625	1,000 / 780 / 650	1,000 / 780 / 650	1,000 / 780 / 650
External static pressure ¹	Hi / Med / Lo	Pa	85 / 45 / 21	117 / 68 / 18	104 / 69 / 17	104 / 69 / 17	104 / 69 / 17
Maximum current	A	1.1	2.3	2.5	2.5	2.5	2.5
Maximum power input	W	135	300	310	310	310	310
Sound pressure level ²	Hi / Med / Lo	dB(A)	33 / 31 / 27	38 / 36 / 32	39 / 37 / 33	39 / 37 / 33	39 / 37 / 33
Pipe connections	Liquid	Inch	1/4	1/4	1/4	1/4	1/4
	Gas	Inch	1/2	1/2	1/2	1/2	1/2
HEAT RECOVERY		Cooling	Heating	Cooling	Heating	Cooling	Heating
Temperature / Enthalpy efficiency summer mode	%	62.5 / 60	76.5 (76.5) / 62.3 (64.1)	59 / 57	73 (73) / 59 (60.8)	59.5 / 57.5	73.5 (73.5) / 59.5 (61.2)
Saved power summer mode or winter mode	kW	1.7	4.3 (4.8)	2.5	6.5 (7.3)	3.2	8.2 (9.0)
DX COIL		Cooling	Heating	Cooling	Heating	Cooling	Heating
Total / Sensible capacity	kW	3.7 / 2.3	3.9 (4.1)	4.9 / 3.3	5.4 (5.7)	5.6 / 3.8	6.3 (6.7)
Off temperature	°C	14.4	35.4 (34.6)	16.2	32.6 (31.7)	17.0	31.3 (30.3)
Off relative humidity	%	87	11 (11)	83	12 (13)	82	13 (14)
Price	£	3,006.00	3,706.00	3,706.00	3,320.00	3,320.00	3,320.00

Nominal summer conditions: Outside air: 32°C DB, RH 50%. Ambient air: 26°C DB, RH 50%. Nominal winter conditions: Outside air: -5°C (-10°C) DB, RH 80%. Ambient air: 20°C DB, RH 50%. Cooling mode air inlet condition: 28.5°C DB, RH 50%; evaporating temp. 4°C. Heating mode air inlet condition: 13°C DB, RH 40% (11°C DB, RH 45%); condensating temperature 49°C. DB: Dry Bulb; RH: Relative Humidity.

1) Referred to the nominal air flow after filter and plate heat exchanger. 3) Referred to 1.5 meters from inlet in free field condition.



T2 Type Ceiling

Model		S-36MT2E5A	S-45MT2E5A	S-56MT2E5A	S-73MT2E5A	S-106MT2E5A	S-140MT2E5A
Cooling capacity	kW	3.6	4.5	5.6	7.3	10.6	14.0
Power input cooling	W	35	40	55	55	80	100
Operating current cooling	A	0.36	0.38	0.44	0.44	0.67	0.79
Heating capacity	kW	4.2	5.0	6.3	8.0	11.4	16.0
Power input heating	W	35	40	55	55	80	100
Operating current heating	A	0.36	0.38	0.44	0.44	0.67	0.79
Air volume	Hi / Med / Lo	m³/h	840 / 720 / 630	900 / 750 / 630	1,260 / 1,080 / 930	1,800 / 1,500 / 1,380	1,920 / 1,680 / 1,440
Sound pressure level	LL ¹ / Hi / Med / Lo	dB(A)	— / 36 / 32 / 30	— / 37 / 33 / 30	— / 39 / 35 / 33	— / 42 / 37 / 36	— / 46 / 40 / 37
Dimensions	H x W x D	mm	235 x 960 x 690	235 x 960 x 690	235 x 1,275 x 690	235 x 1,590 x 690	235 x 1,590 x 690
Net weight	kg	27	27	33	33	40	40
Pipe connections	Liquid	Inch	1/4	1/4	1/4	3/8	3/8
	Gas	Inch	1/2	1/2	1/2	5/8	5/8
Price	£	1,105.00	1,161.00	1,217.00	1,271.00	1,548.00	1,769.00

1) Sound pressure level with fan only. * Preliminary data.



INTERNET CONTROL: Optional.

**K2/K1 Type Wall Mounted**

Model			S-15MK2E5A	S-22MK2E5A	S-28MK2E5	S-36MK2E5	S-45MK1E5A	S-56MK1E5A	S-73MK1E5A	S-106MK1E5A
Cooling capacity	kW		1.5	2.2	2.8	3.6	4.5	5.6	7.3	10.6
Power input cooling	W			25		30	20	30	57	60
Operating current cooling	A		0.20	0.21	0.23	0.25	0.26	0.35	0.58	0.62
Heating capacity	kW		1.7	2.5	3.2	4.2	5.0	6.3	8.0	11.4
Power input heating	W			25		30	20	30	57	68
Operating current heating	A		0.20	0.21	0.23	0.25	0.26	0.35	0.58	0.70
Air volume	Hi / Med / Lo	m³/h	474 / 444 / 390	540 / 450 / 390	570 / 498 / 390	654 / 540 / 390	720 / 630 / 510	840 / 720 / 630	1,080 / 870 / 690	1,140 / 990 / 780
		m³/h	540 / 462 / 408	552 / 498 / 408	582 / 510 / 408	672 / 570 / 408				
Sound pressure level	Hi / Med / Lo	dB(A)	34 / 32 / 29	36 / 33 / 29	37 / 34 / 29	40 / 36 / 29	38 / 34 / 30	40 / 36 / 32	47 / 44 / 40	49 / 45 / 42
Dimensions	H x W x D	mm	290 x 870 x 214					300 x 1,065 x 230		
Net weight		kg	9					13		14.5
Pipe connections	Liquid	Inch								3/8
	Gas	Inch								5/8
Price	£		512.00	530.00	549.00	577.00	662.00	703.00	834.00	932.00

1) Sound pressure level with fan only.



INTERNET CONTROL: Optional.

**P1 Type Floor Standing**

Model		S-22MP1E5	S-28MP1E5	S-36MP1E5	S-45MP1E5	S-56MP1E5	S-71MP1E5
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
Power input cooling	W	56		85	126		160
Operating current cooling	A	0.25		0.38	0.56		0.72
Heating capacity	kW	2.5	3.2	4.2	5.0	6.3	8.0
Power input heating	W	40		70	91		120
Operating current heating	A	0.18		0.31	0.41		0.54
Air volume	Hi / Med / Lo	m³/h 420 / 360 / 300		540 / 420 / 360	720 / 540 / 480	900 / 780 / 660	1,020 / 840 / 720
Sound pressure level	Hi / Med / Lo	dB(A) 33 / 30 / 28		39 / 35 / 29	38 / 35 / 31		41 / 38 / 35
Dimensions	H x W x D	mm 615 x 1,065 x 230			615 x 1,380 x 230		
Net weight		kg 29			39		
Pipe connections	Liquid	Inch 1/4					3/8
	Gas	Inch 1/2					5/8
Price	£	974.00	993.00	1,033.00	1,150.00	1,173.00	1,212.00



INTERNET CONTROL: Optional.

**R1 Type Concealed Floor Standing**

Model		S-22MR1E5		S-28MR1E5		S-36MR1E5		S-45MR1E5		S-56MR1E5		S-71MR1E5				
Cooling capacity		kW	2.2		2.8		3.6		4.5		5.6		7.1			
Power input cooling		W	56				85		126				160			
Operating current cooling		A	0.25				0.38		0.56				0.72			
Heating capacity		kW	2.5		3.2		4.2		5.0		6.3		8.0			
Power input heating		W	40				70		91				120			
Operating current heating		A	0.18				0.31		0.41				0.54			
Air volume	Hi / Med / Lo	m³/h	420 / 360 / 300				540 / 420 / 360		720 / 540 / 480		900 / 780 / 660		1,020 / 840 / 720			
Sound pressure level	Hi / Med / Lo	dB(A)	33 / 30 / 28				39 / 35 / 29		38 / 35 / 31		39 / 36 / 31		41 / 38 / 35			
Dimensions	H x W x D	mm	616 x 904 x 229						616 x 1,219 x 229							
Net weight		kg	21						28							
Pipe connections	Liquid	Inch							1/4						3/8	
	Gas	Inch							1/2						5/8	
Price		£	905.00		923.00		969.00		1,083.00		1,110.00		1,139.00			

VRF Systems Indoor Units



Hydrokit for ECOi, water at 45°C

Model*				S-80MW1E5		S-125MW1E5	
Power source				230V / Single Phase / 50 Hz			
Cooling capacity		kW	8.0		12.5		
Heating capacity		kW	9.0		14.0		
Maximum temperature		°C	-45 / -65 ¹				
Dimensions		H x W x D	892 x 502 x 353				
Water pipe connector		inch	R1 1/4				
Water pump (built-in)				DC motor (A class)			
Water flow rate		Cooling / Heating	L/min	22.9 / 25.8		35.8 / 40.1	
Pipe connections		Liquid — Gas	Inch	3/8 — 5/8			
				15 ~ 17 mm (inner size)			
Operation range	Cooling	Ambient	°C	+10 / +43			
		Water	°C	+5 / +20			
	Heating	Ambient	°C	-20 / +32			
		Water	°C	+25 / +45			
Connectable system				3-Pipe (heat recovery type) VRF system (system capable up to 48HP)			
Maximum Indoor ratio (connectable hydrokit module capacity ratio)				Total indoor unit + Hydrokit capacity: up to 130% (** ~ ***% vs, total outdoor unit capacity)			
Price		£		2,500.00		3,000.00	

1) Max 45°C by refrigerant circuit (heat pump cycle), over 45°C is provided by electric heater operation. * Tentative Data.

Air Handling Unit Kit



AHU Connection Kit 16, 28 and 56kW for ECOi and GHP

		Price £
PAW-160MAH2	AHU Kit for 16kW (IP 65, 0-10V demand control*, Outdoor temperature shift compensation. Cold draft prevention)	1,456.00
PAW-280MAH2	AHU Kit for 28kW (IP 65, 0-10V demand control*, Outdoor temperature shift compensation. Cold draft prevention)	1,590.00
PAW-560MAH2	AHU Kit for 56kW (IP 65, 0-10V demand control*, Outdoor temperature shift compensation. Cold draft prevention)	1,680.00
PAW-160MAH2L	AHU Kit for 16kW (IP 65)	1,170.00
PAW-280MAH2L	AHU Kit for 28kW (IP 65)	1,294.00
PAW-560MAH2L	AHU Kit for 56kW (IP 65)	1,500.00

* With CZ-CAPBC2.

Air Curtain



Air Curtain with DX Coil

HP			4HP	6HP	8HP	14HP	4HP	8HP
Air Curtain			PAW-10EAIRC-MJ	PAW-15EAIRC-MJ	PAW-20EAIRC-MJ	PAW-25EAIRC-MJ	PAW-10EAIRC-MS	PAW-20EAIRC-MS
Air flow type			Jet-Flow				Standard	
Air Flow Length (A)		m	1.0	1.5	2.0	2.5	1.0	2.0
Air volume	High / Medium / Low	m³/h	1,800 / 1,500 / 1,200	2,700 / 2,300 / 1,900	3,600 / 3,000 / 2,500	4,500 / 3,800 / 3,100	1,800 / 1,500 / 1,200	2,700 / 2,300 / 1,900
Cooling capacity nominal ²		kW	9.2	17.5	23.1	24.4	9.2	17.5
Heating capacity nominal		kW	11.4	25.0	31.5	31.5	11.4	31.5
Heating capacity with air in 20°C, air out 40°C / 35°C / 30°C		kW	11.9 / 8.9 / 5.9	17.9 / 13.4 / 8.9	23.9 / 17.9 / 11.9	29.9 / 22.4 / 14.9	11.9 / 8.9 / 5.9	17.9 / 13.4 / 8.9
Max installation height	Good / Normal / Bad condition	m	3.5 / 3.1 / 2.7				3 / 2.7 / 2.4	
Liquid pipe / Gas pipe		Inch	3/8 / 5/8	3/8 / 3/4	3/8 / 7/8		3/8 / 5/8	3/8 / 7/8
Fan			230V / 50Hz / 1 / N / PE				230V / 50Hz / 1 / N / PE	
Noise		dB(A)	40-55	40-56	40-57	40-58	40-55	40-57
Dimensions Weight	W x H x D	mm / kg	1,210 x 260 x 590 / 70	1,710 x 260 x 590 / 100	2,210 x 260 x 590 / 138	2,710 x 260 x 590 / 160	1,210 x 260 x 490 / 60	2,210 x 260 x 490 / 128
Mini ECOi with air out 40°C			U-4LE1E5/8 ¹	U-6LE1E5/8 ¹	—	—	U-4LE1E5/8 ¹	U-6LE1E5/8 ¹
Mini ECOi with air out 35°C			U-4LE1E5/8 ¹	U-4LE1E5/8 ¹	U-6LE1E5/8 ¹	—	U-4LE1E5/8 ¹	U-4LE1E5/8 ¹
Mini ECOi with air out 30°C			U-4LE1E5/8 ¹	U-4LE1E5/8 ¹	U-4LE1E5/8 ¹	U-5LE1E5/8 ¹	U-4LE1E5/8 ¹	U-4LE1E5/8 ¹
ECOi with air out 40°C			All models	All models	All models	All models without 8HP	All models	All models
ECOi with air out 30°C or 35°C			All models	All models	All models	All models	All models	All models
GHP all temperatures			All models	All models	All models	All models	All models	All models
Price	€		6,279.00	7,980.00	9,500.00	10,450.00	5,700.00	8,740.00
CZ-P160RVK2 ³	€		942.00	942.00	942.00	942.00	942.00	942.00

All combinations under rated conditions: Heating Outdoor +7°C DB/+6°C WB Indoor +20°C DB. In case of lower outdoor temperatures a higher capacity outdoor unit model may be necessary. 1) Or bigger size. 2) Rated Conditions Cooling Outdoor +35°C DB Indoor +27°C DB/+19°C WB, Discharge temperature ³ 16°C.

Energy Recovery Ventilator



FY-250ZDY8



FY-350ZDY8



FY-500ZDY8



FY-800ZDY8



FY-01KZDY8A

Energy Recovery Ventilation System

Rated flow rate		250 m³/h			350 m³/h			500 m³/h			800 m³/h			1.000 m³/h		
Models		FY-250ZDY8			FY-350ZDY8			FY-500ZDY8			FY-800ZDY8			FY-01KZDY8A		
		E-High	High	Low	E-High	High	Low	E-High	High	Low	E-High	High	Low	E-High	High	Low
Power Source		220-240 V - 50 Hz														
Input	W	112 - 128	108 - 123	87 - 96	182 - 190	178 - 185	175 - 168	263 - 289	204 - 225	165 - 185	387 - 418	360 - 378	293 - 295	437 - 464	416 - 432	301 - 311
Air Volume	m³/h	250			350			500			800			1.000		
External Static Pressure	Pa	105	95	45	140	60	45	120	60	35	140	110	55	105	80	75
Noise heat exchange ventilation	dB	30,0 - 31,5	29,5 - 30,5	23,5 - 26,5	32,5 - 33,0	30,5 - 31,0	22,5 - 25,5	36,5 - 37,5	34,5 - 35,5	31,0 - 32,5	37,0 - 37,5	36,5 - 37,0	33,5 - 34,5	37,5 - 38,5	37,0 - 37,5	33,5 - 34,5
Noise normal ventilation	dB	30,0 - 31,5	29,5 - 30,5	23,5 - 26,5	32,5 - 33,0	30,5 - 31,0	22,5 - 25,5	37,5 - 38,5	37,0 - 38,0	31,0 - 32,5	37,0 - 37,5	36,5 - 37,0	33,5 - 34,5	39,5 - 40,5	39,0 - 39,5	35,5 - 36,5
Temp. exchange efficiency heat exchange ventilation	%	75			75			75			75			75		
Dimensions (W x D x H) / Weight	mm / kg	270 x 599 x 882 / 29			317 x 804 x 1.050 / 49			317 x 904 x 1.090 / 57			388 x 884 x 1.322 / 71			388 x 1.134 x 1.322 / 83		
Price	€	840.00			1,060.00			1,306.00			1,835.00			2,182.00		

This noise of the product is the value which was measured at the acoustic room. Actually, in the established condition, that undergo influence by the echoing of the room and so that become bigger than the display numerical value. The input, the current and the exchange efficiency are values at the time of the mentioned air volume. The noise level shall be measured 1.5m below the centre of the unit. The temperature exchange efficiency averages that of when cooling and when heating.

Accessories

Branch Pipes - Heat Pump (2-Pipe)			Price €
CZ-P224BK2BM	Branch pipe (up to 22,4kW)		110.00
CZ-P680BK2BM	Branch pipe (from 22,4 to 68,0kW)		110.00
CZ-P1350BK2BM	Branch pipe (from 68,0 to 135,0kW)		110.00
CZ-P224BK2BM-PACK25	25 x Branch pipe (up to 22,4kW)		1,875.00
CZ-P680BK2BM-PACK25	25 x Branch pipe (from 22,4 to 68,0kW)		2,500.00
CZ-P1350BK2BM-PACK25	25 x Branch pipe (from 68,0 to 135,0kW)		2,700.00
Branch Pipes - Heat Recovery (3 Pipe)			
CZ-P224BH2BM	Branch pipe (up to 22,4kW)		135.00
CZ-P680BH2BM	Branch pipe (from 22,4 to 68,0kW)		135.00
CZ-P1350BH2BM	Branch pipe (from 68,0 to 135,0kW)		135.00
CZ-P224BH2BM-PACK25	25 x Branch pipe (up to 22,4kW)		2,250.00
CZ-P680BH2BM-PACK25	25 x Branch pipe (from 22,4 to 68,0kW)		3,250.00
CZ-P1350BH2BM-PACK25	25 x Branch pipe (from 68 to 135 kW)		3,350.00
Headers			
CZ-P4HP3C2BM	4 way Header for 3 pipe Heat Pump		220.00
CZ-P4HP4C2BM	4 way Header for 2 pipe Heat Pump		180.00
Outdoor Connection Kits			
CZ-P680PH2BM	Outdoor connection Kit for 2 pipe heat pump (up to 68,0kW)		140.00
CZ-P1350PH2BM	Outdoor connection Kit for 2 pipe heat pump (from 68,0 to 135,0kW)		140.00
CZ-P680PJ2BM	Outdoor connection Kit for 3 pipe heat pump (up to 68,0kW)		190.00
CZ-P1350PJ2BM	Outdoor connection Kit for 3 pipe heat pump (from 68,0 to 135,0kW)		190.00
Heat Recovery Box			
KIT-P56HR3	Box recovery kit (up to 5,6kW)		472.00
CZ-P56HR3	Heat recovery box (up to 5,6kW)		395.00
CZ-CAPE2	Heat recovery PCB		77.00
KIT-P160HR3	Box recovery kit (from 5,6kW)		539.00
CZ-P160HR3	Solenoid valve kit (up to 16,0kW)		462.00
CZ-CAPE2	Heat recovery PCB		77.00
3-Pipe control box kit			Price €
CZ-P456HR3	4 ports 3 pipe box (up to 5,6kW)		2,175.00
CZ-P656HR3	6 ports 3 pipe box (up to 5,6kW)		3,325.00
CZ-P856HR3	8 ports 3 pipe box (up to 5,6kW)		4,485.00
CZ-P4160HR3	4 ports 3 pipe box (up to 16,0kW)		2,425.00
Accessories for Cassettes 90x90			
CZ-CFU2	Panel close air flow for the Cassette 90x90 series U1		40.00
CZ-BCU2	Air intake box for the Cassette 90x90 series U1		70.00
CZ-ATU2	Air Intake Box		200.00
CZ-FDU2	Air Intake Plenum		290.00
Accessories for Cassettes 60x60			
CZ-KPY3A	70 x 70 Cassette 60x60 Panel		176.00
CZ-KPY3B	60 x 60 Cassette 60x60 Panel		176.00
Plenums			
CZ-TREMIESPW705	AirOutlet Plenum 1 x Ø450 for S-224ME1E5		525.00
CZ-TREMIESPW706	AirOutlet Plenum 1 x Ø500 for S-280ME1E5, S-224ME2E5 and S-280ME2E5		525.00
Accessories for MF2 units			
CZ-56DAF2	Air outlet 2 x Ø200 spigots box for S-36MF2E5 to S-50MF2E5		120.00
CZ-90DAF2	Air outlet 3 x Ø200 spigots box for S-60MF2E5 to S-90MF2E5		180.00
CZ-160DAF2	Air outlet 4 x Ø200 spigots box for S-100MF2E5 to S-160MF2E5		240.00
CZ-DUMPA56MF2	Air inlet 2 x Ø200 spigots box for S-36MF2E5 to S-50MF2E5		194.00
CZ-DUMPA90MF2	Air inlet 2 x Ø250 spigots box for S-60MF2E5 to S-90MF2E5		215.00
CZ-DUMPA160MF2	Air inlet 4 x Ø200 spigots box for S-100MF2E5 to S-160MF2E5		237.00
Accessories for MK series			
CZ-CAPEK2	Integrated control PCB for the MK1 units to connect the solenoid valve kit		85.00
CZ-P56SVK2	External expansion valve for wall mounted units (from 2.2 to 5.6kW)		155.00
CZ-P160SVK2	External expansion valve for wall mounted units (from 7.3 to 10.6kW)		197.00

Individual Controls			Price €
CZ-RTC4	Standard Wired remote control with Econavi button		104.00
CZ-RTC5	Design wired remote control with Econavi button with Hydrokit control function		208.00
CZ-REZC2	Simplified remote control		124.00
CZ-RELC2	Simplified hard wired remote control		175.00
CZ-RTC2	Standard wired remote control for Floor Standing (MP1) indoor units		104.00
CZ-RWSU2N	Wireless remote control for Cassette 90x90		145.00
CZ-RWSY2	Wireless remote control for Cassette 60x60		130.00
CZ-RWSD2	Wireless remote control for 1 Way Cassette		145.00
CZ-RWST2	Infrared wireless control for Ceiling series MT1		145.00
CZ-RWST3N	Wireless remote control for Ceiling series MT2		145.00
CZ-RWSL2N	Wireless remote control for 2 Way Cassette		145.00
CZ-RWSK2	Wireless remote control for Wall mounted (and CZ-RWSC3)		93.00
CZ-RWSC3	Wireless receiver kit (need CZ-RWSK2 separately)		75.00
CZ-CSRC3	Temperature Remote sensor		93.00
CZ-CENSC1	Econavi energy savings sensor		125.00
Remote Control for Hotels with Dry Contacts			
PAW-RE2C3-WH	Stand-Alone with I/O White frame		240.00
PAW-RE2C3-GR	Stand-Alone with I/O Grey Frame		260.00
PAW-RE2C3-MOD-WH	Modbus RS-485 with I/O White frame		280.00
PAW-RE2C3-MOD-GR	Modbus RS-485 with I/O Grey frame		300.00
PAW-RE2C3-LON-WH	LonWorks TP/FT-10 with I/O White frame		300.00
PAW-RE2C3-LON-GR	LonWorks TP/FT-10 with I/O Grey frame		320.00
Centralised Controls			
CZ-ESWC2	7 day Schedule timer, 8 groups, 64 indoor units		317.00
CZ-64ESMC2	System control, 4 zones, 64 indoor units		665.00
CZ-64ESMC3	NEW System control and Central On/Off (available in June 2016)		665.00
CZ-ANC2	Central On/Off controller, up to 16 groups, 64 indoor units		450.00
CZ-ANC3	NEW Central On/Off controller, up to 16 groups, 64 indoor units (available in December 2016)		TBC
Autonomous Centralised Controls (W/O PC)			
CZ-256ESMC2	Touch screen, web enable controller for up to 256 indoor units		2,800.00
CZ-256ESMC3	NEW Touch screen, web enable controller for up to 256 indoor units (available in February 2017)		TBC
CZ-CWEBC2	Web interface		2,583.00

Accessories

Centralised Controls for PC/ P-AIMS		Price £
CZ-CSWKC2	PAIMS Basic software	3,616.00
CZ-CFUNC2	PAIMS Communication adaptor	1,050.00
CZ-CFUNC3	NEW Communication adaptor (required for connection to P-AIMS)	TBC
CZ-CSWAC2	PAIMS Consumption calculation control	2,066.00
CZ-CSWBC2	PAIMS - BacNet interface	4,132.00
CZ-CSWGC2	PAIMS - Layout display	1,550.00
CZ-CSWWC2	PAIMS - Web application	1,550.00
Other accessories for Centralised		
CZ-CLNC2	Lonworks® Interface controls up to 16 groups and 64 indoor units	1,050
CZ-CAPC2	Adaptor for On/off control of external devices	285.00
CZ-CAPC3	NEW Adaptor for On/off control of external devices (available in December 2016)	TBC
CZ-CAPDC2	Serial parallel device controlling outdoor units, up to 4 units	517.00
CZ-CAPDC3	Demand control kit	132.00
CZ-CAPBC2	Mini series parallel device controlling indoor units, maximum 1 group and 8 indoor units	155.00
CZ-CBPCC2	Additional back up memory for CZ-256ESMC2	186.00
Accessories Cables		
CZ-T10	Cable for all the T10 functions	40.00
CZ-T10-PACK25	T10 Connector Cable (Pack of 25)	200.00
PAW-FDC	Cable to operate external fan	40.00
PAW-OCT	Cable for all Option monitoring signals	40.00
PAW-EXCT	Cable with force Thermo OFF/leakage Detection	40.00
CZ-CAPE2	Option monitoring signals wo. Fan	77.00
PAW-SLTCNT	NEW Silent Connector including cable (outdoor unit to BM software)	40.00
PAW-CHS	Connector (cable) for Cooling / Heating Selection (permanent)	40.00
PAW-MRC	Connector (cable) for Maintenance Remote Controller	40.00

Accessories PCB		Price £
PAW-T10	PCB with T10 dry contacts for window contact, etc	84.00
PAW-ECF	PCB for fan speed control of external EC Fan	461.00
PAW-PACR3	PCB for server room application, control of 3 PACi units, redundancy, backup, etc	1,500.00
CZ-CAPBC2	Mini series parallel device controlling capacity of the indoor units, with 0-10V. Maximum 1 group and 8 indoor units	155.00
Accessories Interfaces		Price £
PA-RC2-WIFI-1	Interface for Intesishome for PACi & ECOi	200.00
PAW-RC2-KNX-1i	KNX Interface	300.00
PAW-RC2-ENO-1i	EnOcean Interface	300.00
PAW-RC2-MBS-4	NEW Modbus interface to control 4 indoor/groups	TBC
PAW-RC2-MBS-1	Modbus Interface	300.00
PAW-AC-KNX-64	KNX Interface for 64 indoor units	2,600.00
PAW-AC-KNX-128	KNX Interface for 64 indoor units	3,380.00
PAW-AC-MBS-64	Modbus Interface for 64 indoor units	2,400.00
PAW-AC-MBS-128	Modbus Interface for 128 indoor units	3,120.00
PAW-TM-MBS-RTU-64	Modbus Interface for 64 indoor units	900.00
PAW-TM-MBS-TCP-128	Modbus Interface for 128 indoor units	1,400.00
PAW-MBS-TCP2RTU	ModBus RTU Slave devices	850.00
PAW-AC-BAC-1	BacNet Interface for 1 unit	500.00
PAW-AC-BAC-64	BacNet Interface for 64 indoor units	2,400.00
PAW-AC-BAC-128	BacNet Interface for indoor units	3,120.00
CZ-CAPRA1	NEW Domestic with CZ-CNT port integration to PACi and ECOi (available in June 2016)	135.00
CZ-CLNC2	Lonworks® Interface controls up to 16 groups and 64 indoor units	1,050.00
R-22 Replacement Kit		Price £
CZ-SLK2	Replacement kit for R-22	310.00

GHP Servicing Kit		Price £
CZ-PSK280J	Gas Servicing Kit (to suit 28kW J Series System)	850.00
CZ-PSK560J	Gas Servicing Kit (to suit 56kW J Series System)	850.00
CZ-PSK280K	Gas Servicing Kit (to suit 28kW K Series System)	850.00
CZ-PSK560K	Gas Servicing Kit (to suit 56kW K Series System)	850.00
CZ-PSK560M	Gas Servicing Kit (to suit 56kW M Series System)	850.00
CZ-PSK560S	Gas Servicing Kit (to suit 56kW S Series System)	850.00
CZ-PSK560SP	Gas Servicing Kit (to suit 56kW SP Series System)	850.00
CZ-PSK850S	Gas Servicing Kit (to suit 85kW S Series System)	850.00
GHP Flue Kit		Price £
CZ-PEX560S	GHP Flue extension kit	450.00



Leak detectors		Price £
PAW-SCLEAKD-W01	White Face Semi Conductor Leak Detector	275.00
PAW-SCLEAKD-S01	Stainless Steel Face Semi Conductor Leak Detector	350.00
PAW-SCLEAKCM-32	32 Channel Leak Detector Repeater Panel	3,500.00
PAW-SCLEAKCM-64	64 Channel Leak Detector Repeater Panel	3,900.00

Pump Down System		Price £
PAW-PUDME1A-1	ECOi 2 Way Pump down for 1 outdoor unit system	5,200.00
PAW-PUDME1A-2	ECOi 2 Way Pump down for 2 outdoor units system	6,700.00
PAW-PUDME1A-3	ECOi 2 Way Pump down for 3 outdoor units system	8,200.00
PAW-PUDMF2A-1	ECOi 3 Way Pump down for 1 outdoor unit system	5,500.00
PAW-PUDMF2A-2	ECOi 3 Way Pump down for 2 outdoor units system	7,000.00
PAW-PUDMF2A-3	ECOi 3 Way Pump down for 3 outdoor units system	8,500.00
PAW-PUDME1A-1R	ECOi 2 Way Pump down for 1 outdoor unit system + Receiver Kit 30L	1,750.00
PAW-PUDME1A-2R	ECOi 2 Way Pump down for 2 outdoor units system + Receiver Kit 30L	6,950.00
PAW-PUDME1A-3R	ECOi 2 Way Pump down for 3 outdoor units system + Receiver Kit 30L	8,450.00
PAW-PUDMF2A-1R	ECOi 3 Way Pump down for 1 outdoor unit system + Receiver Kit 30L	9,950.00
PAW-PUDMF2A-2R	ECOi 3 Way Pump down for 2 outdoor units system + Receiver Kit 30L	7,250.00
PAW-PUDMF2A-3R	ECOi 3 Way Pump down for 3 outdoor units system + Receiver Kit 30L	8,750.00
PAW-PUDRK30L	Receiver Kit 30L	10,250.00

Control systems for PACi, ECOi and ECO G

A wide variety of control options to meet the requirements of different applications.

Individual Control Systems						Timer Operation	Centralized Control Systems					
Control for hotel application	Wired remote control			Wireless remote control	Quick and easy operation	Daily and weekly program	Operation with various function from center station		Only ON/OFF operation from center station	Simplified load distribution ratio (LDR) for each tenant	BMS System. PC Base	Connection with 3rd Party Controller
												
Room Controller PAW-RE2C3-WH PAW-RE2C3-GR PAW-RE2C3-MOD-WH PAW-RE2C3-MOD-GR PAW-RE2C3-LON-WH PAW-RE2C3-LON-GR	Normal operation with Econavi CZ-RTC4	Design Wired remote control CZ-RTC5	Normal operation CZ-RTC2 (Standard wired remote control for Floor Standing (MP1) indoor units)	Wireless remote control CZ-RWSU2N CZ-RWSL2N CZ-RWSC3 CZ-RWST3N CZ-RWSD2 CZ-RWSK2	Simplified remote control CZ-RE2C2	Schedule timer CZ-ESWC2	System control CZ-64ESMC2	New System control with Schedule timer CZ-64ESMC3	ON/OFF Controller CZ-ANC2	Intelligent Controller (Touch screen panel) CZ-256ESMC2 (CZ-CFUNC2)	 CZ-CSWAC2 CZ-CSWWC2 CZ-CSWGC2 CZ-CSWBC2 	 CZ-CAPC2  CZ-CAPBC2 

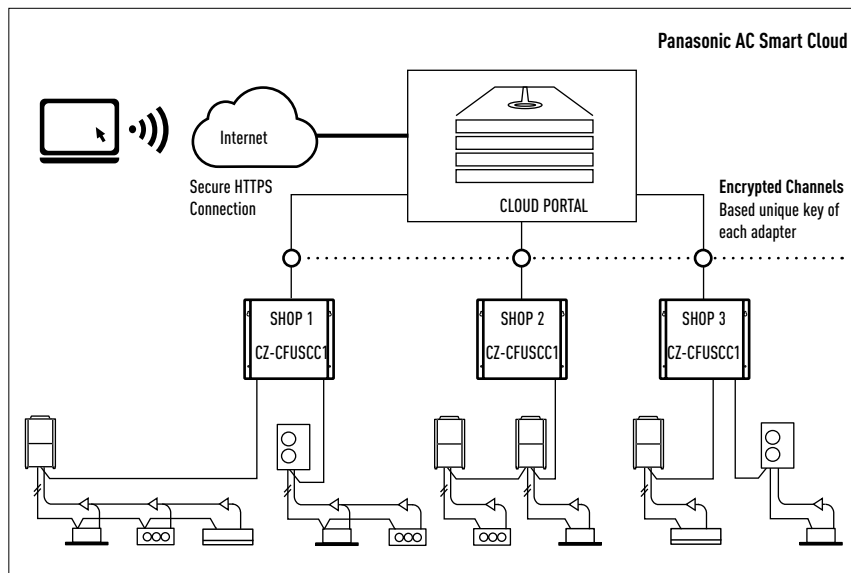


Panasonic AC Smart Cloud

With the Panasonic AC Smart Cloud, you can have full climate control for all your businesses and start saving! Centralize control of your shops, restaurants, hotels, apartments..., from wherever you are, 24/7.

It doesn't matter how many sites you have, or where they are.

In a simple click on your smart phone or from your computer, you can view all your units and receive status updates in real-time, preventing breakdowns and optimizing costs.



Model		Price €
CZ-CFUSCC1	NEW Climate Cloud Adaptor (available in June 2016)	TBC
3G Pack	NEW 3G Communication Pack (Professional Router and SIM Card) (available in September 2016)	TBC



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Panasonic®

To find out how Panasonic cares for you,
log on to: www.aircon.panasonic.co.uk

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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.

