

Price list
2023 / 2024



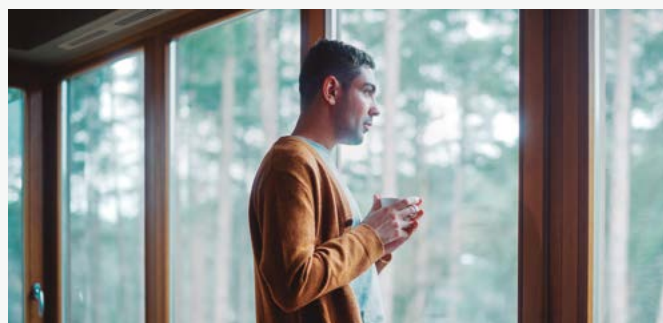
Panasonic environmental vision 2050

To achieve “a better life” and “a sustainable global environment,” Panasonic will work towards creation and more efficient utilisation of energy which exceeds the amount of energy used, aiming for a society with clean energy and a more comfortable lifestyle.



Vitalise the future with air.

These are times of exceptional challenge. If the world is to move forward confidently, it must overcome the serious threats of the new global pandemics and the degrading of the environment. It must find ways large and small to reduce the stresses that affect people's health and the stability of their communities.



Bringing nature's balance indoors.

nanoe™ X, technology with the benefits of hydroxyl radicals. In today's health-conscious world, we care about taking exercise, we care about what we eat and what we touch, we also care about what we breathe – and technology exists to bring good outdoor air, indoors.



100% Panasonic, the DNA of Japanese craftsmanship

Applying advanced technologies that truly make life better, we live by an unparalleled commitment to product quality. Panasonic is building on the Japanese tradition of uncompromising quality control worldwide, developing and manufacturing fine products and delivering them to customers everywhere.



A globally trusted air conditioning brand.

Panasonic – leading the way in Heating and Cooling. With more than 50 years of experience, selling to more than 120 countries around the world, Panasonic is one of the leaders in the heating and cooling sector. With a diverse network of production and R&D facilities, Panasonic delivers innovative products incorporating cutting-edge technologies that set the standard for air conditioners worldwide.

Editorial

Panasonic – leading the way in Heating and Cooling. With 65 years of experience, selling to more than 120 countries around the world, Panasonic is one of the leaders in the heating and cooling sector.

Bringing nature's balance indoors.

nanoe™ X, technology with the benefits of hydroxyl radicals that have the capacity to inhibit pollutants, viruses, and bacteria and deodorise.



Domestic

Panasonic has developed a range of domestic products designed for you and your clients.



New Etherea: a very welcome addition to your home.

The smart, new Etherea comes with the new nanoe™ X (Generator Mark 3) and built-in Wi-Fi which enables advanced smart control and voice assistant, now with an easier and quicker set-up.



Commercial air to air - PACi

The commercial range is continuously being improved to offer the optimal solutions. High performance, silent operation and a wide range of indoor units and connectivity available.



PACi NX Series.

This series for absolute ease of refurbishment. Having 3 wired power and communications makes the replacement old systems with 3 wiring connections simple and easy.



Commercial VRF Systems - ECOi and ECO G

Panasonic provides an extensive range of solutions for medium and large sized buildings, combining the best options to satisfy all needs and site restrictions.



Mini ECOi LZ2 Series R32.

Outstanding efficiency in a compact body and continuous operation even at extreme ambient temperatures.



Ventilation

Panasonic ventilation solutions for maximum savings and easy integration.



Air handling unit connection kit for PACi, ECOi and ECO G.

Air handling unit (AHU) connection kit connects outdoor units to air handling systems. Combines air conditioning and fresh air in just one solution.



Cooling only and heat pumps chillers - ECOi-W

ECOi-W provides the optimal performance in any climatic condition. Meeting customer's needs with fully customisable solution at hotels, offices and industries.



ECOi-W R32 cooling only and heat pumps chillers.

Sustainable chiller solutions with R32 refrigerant to suit a variety of commercial and industrial applications.



Refrigeration

Panasonic CO₂ condensing units - CR Series with natural refrigerant.

Natural refrigerant solution for showcases and cold rooms. Reliable quality - made in Japan.



Refrigeration.

CR Series is an ideal solution for supermarkets, convenience stores and gas stations. Let's choose the sustainable green solution by Panasonic.



Quality Management System Certificate



ISO 9001: 2015
Panasonic Appliances Air-Conditioning
Malaysia. Sdn.Bhd.
Cert. No.: QMS 00413



GB/T 19001-2016/ISO 9001: 2015
Panasonic Appliances Air-Conditioning
(GuangZhou) Co., Ltd.
Registration Number: 01218Q30835R8L

Environmental Management System Certificate



ISO 14001: 2015
Panasonic Appliances Air-Conditioning
Malaysia Sdn.Bhd.
Cert. No.: EMS 00109



GB/T 24001-2016/ISO 14001: 2015
Panasonic Appliances Air-Conditioning
(GuangZhou) Co., Ltd.
Registration Number: 02118E10944R7M

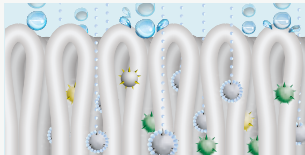
Bringing nature's balance indoors

nanoe™ X, technology with the benefits of hydroxyl radicals.

In today's health-conscious world, we care about taking exercise, we care about what we eat and what we touch, we also care about what we breathe – and technology exists to bring good outdoor air, indoors.



Effective on fabrics and surfaces.



1 | At one billionth of a metre, nanoe™ X is much smaller than steam and can deeply penetrate cloth fabrics to deodorise.

Longer lifespan.



2 | Contained in tiny water particles, nanoe™ X has a long lifespan, which is about 600 seconds, to spread easily around the room.

Huge quantity.



3 | nanoe X Generator Mark 2 produces 9.6 trillion hydroxyl radicals per second. Greater amounts of hydroxyl radicals contained in nanoe™ X lead to higher performance on inhibition of pollutants.

Maintenance-free.

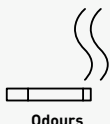


4 | No service and maintenance required. nanoe™ X is a filter free solution that does not require maintenance, as its atomisation electrode is enveloped with water during its generation process and it is made with Titanium.

7 effects of nanoe™ X

* Refer to <https://aircon.panasonic.eu> for more details and validation data.

Deodorises



Odours

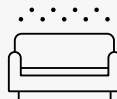
Capacity to inhibit 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



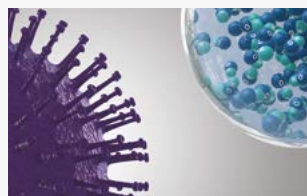
Hazardous substances



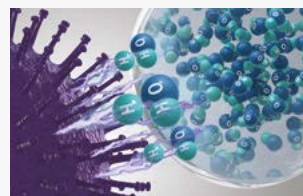
Skin and hair

nanoe™ X technology takes this a step further and brings nature's detergent – hydroxyl radicals – indoors to help create an ideal environment

Thanks to the nanoe™ X properties, several types of pollutants can be inhibited such as certain types of bacteria, viruses, mould, allergens, pollen and certain hazardous substances.



1 | nanoe™ X reliably reaches pollutants.



2 | Hydroxyl radicals denature pollutants' proteins.



3 | Pollutants activity is inhibited.

First nanoe™ device was developed by Panasonic in 2003

Generator: nanoe™

2003

480 billion hydroxyl radicals/sec

Generator: nanoe™ X

Mark 1 - 2016

4.8 trillion hydroxyl radicals/sec

Mark 2 - 2019

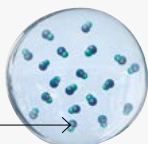
9.6 trillion hydroxyl radicals/sec

NEW Mark 3 - 2022

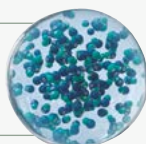
48 trillion hydroxyl radicals/sec

Ion particle structure

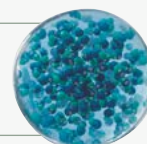
Hydroxyl radicals



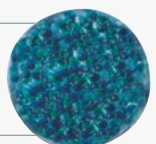
10x times



20x times



100x times



Panasonic software and tools

Panasonic provides bespoke software and tools helping system designers, installers and dealers to very quickly select, design and size systems or create wiring or hydraulic diagrams at the push of a button.

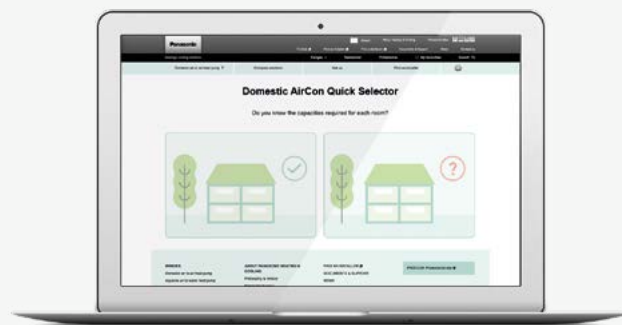
Aquarea Designer - online tool

With Panasonic's online tool, projects can be developed simply and easily. The newly developed tool is optimised to help HVAC professionals easily identify the most appropriate Aquarea air to water heat pump for a particular application.



Domestic AirCon Quick Selector

This user-friendly online tool for our domestic range allows to choose the best split or multi-split system for each project needs and get the specifications of that particular application.



New Panasonic DX PRO Designer

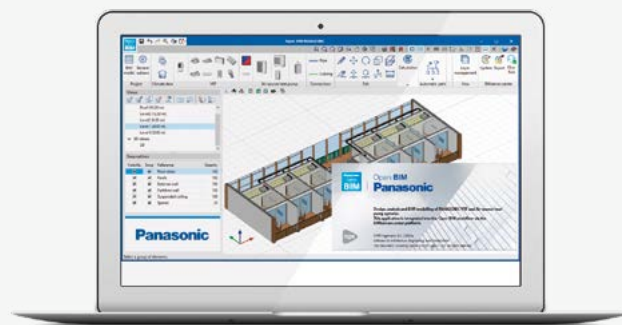
The Panasonic DX PRO Designer will be rebuilt with an improved user experience. The new software runs in the cloud and is always up to date with the latest products. An intuitive interface supports the most complicated designs, allows online sharing and project collaboration with multilingual support.

* Available from Spring 2023.



Open BIM

Design, analysis and BIM modeling of Panasonic VRF and Air to Water heat pump systems. Generates documents, 3D model, schematics and drawings. This application is integrated into the Open BIM workflow via the BIMserver.center platform.



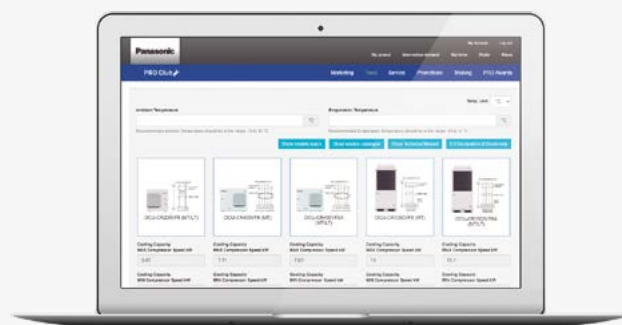
Chiller configurator

This online software solution offers a complete tool to allow the user to accurately calculate the performance at specified conditions, select and configure our range of commercial chillers, heat pumps and fan coils. It also provides a comprehensive report to share with customers and clients alike.



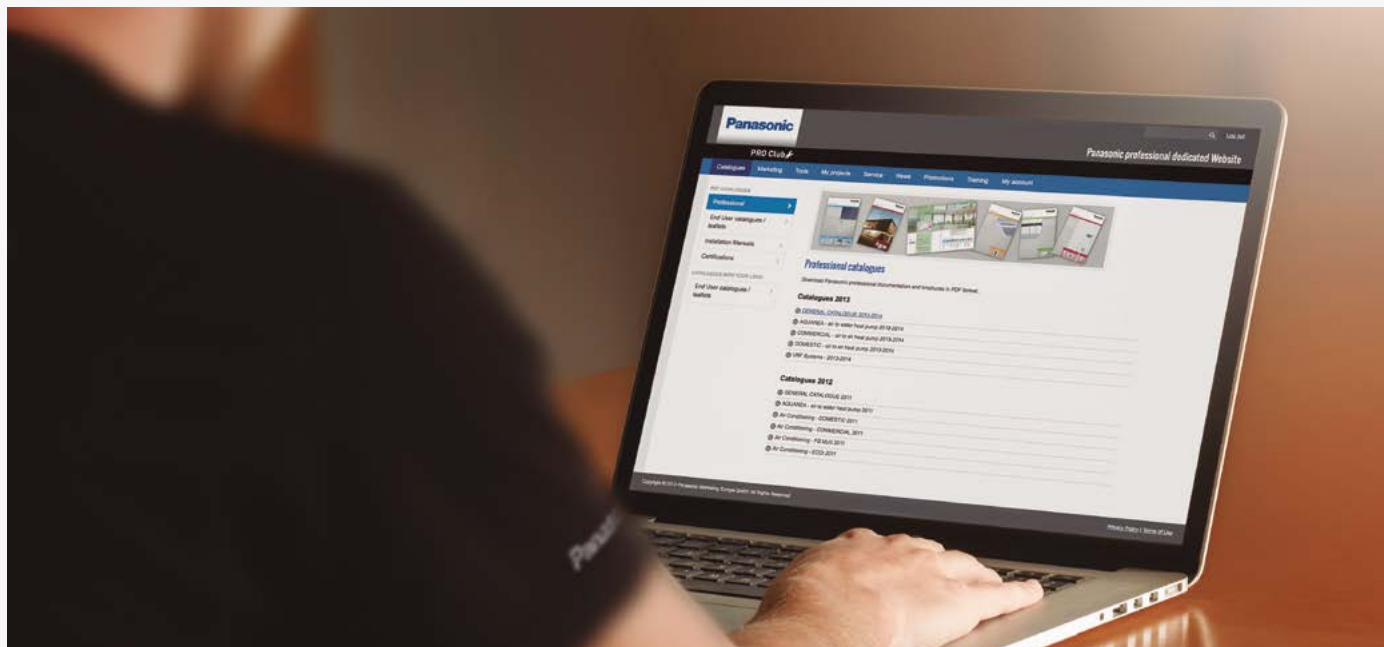
Refrigeration designer

This simple design tool supports engineers, installers, and technicians to make a quick calculation for commercial refrigeration systems.



PRO Club. The professional website of Panasonic

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

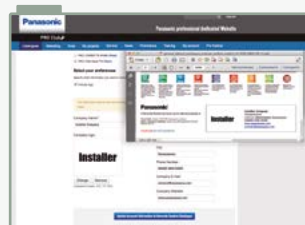


Panasonic PRO Club (www.panasonicproclub.com) is the online tool which makes your life easier! You just have to register and a lot of functionalities are freely available to you, where ever you are, from your computer or smartphone!

- Print catalogues with your logo and contact details
- Access to the extensive library of professional design, selection and calculation tools (Aquarea Designer, VRF software, chiller selector, etc.)
- Get documents of conformity and all other documents you may need
- Download all the service manuals, end user manuals and installation manuals
- Download energy labels in PDF format using the energy label generators
- Download Revit and CAD files and specification texts
- Know what to do with error codes (error code search by error code or unit ref.)
- PRO Academy: register for training
- Download product images in high resolutions, advertisements, deco guidelines
- Get to know special offers and promotions
- Find out about the latest news first



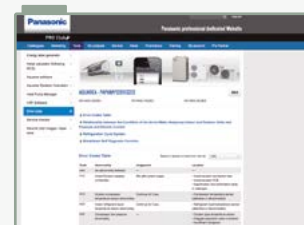
Easy download Panasonic service documentation and brochures



Customise leaflets with your logo and contact details. Save and print the PDF



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



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

Panasonic PRO Club is fully compatible with tablet computer and smartphone.

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



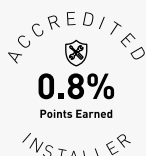
Panasonic PRO Partner scheme

Scheme overview

Designed to support the business development of installers who continually choose the quality and innovation of our professional and residential solutions, the Panasonic PRO Partner scheme offers an extensive range of rewards, from extended warranties to business support of up to £800.

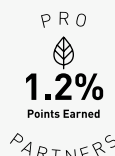
Our commitment to quality extends far beyond our products, which is why we have developed a partner scheme designed to support installers who value our solutions.

The scheme is divided into three exclusive tiers, each offering a unique set of rewards to installers that trust the quality and reliability of Panasonic Heating & Cooling Solutions. Our three options have been meticulously designed to ensure that installers find the scheme that suits their exact business needs.



The accredited installer tier has been developed for installers that have completed a Panasonic accredited training course which is on PRO Club and can be done at any time.

- Warranty up to 5 years, subject to conditions
- Reward points that can be exchanged for clothing, merchandise and more
- Increased business visibility through our installer finder network, listed as an accredited installer



To be eligible for PRO Partner status, installers must be committed to selling Panasonic products and they must complete Panasonic face-to-face training based in one of our UK training centres.

- Extended warranty of up to 7 years, subject to conditions
- Enhanced reward points that can be exchanged for clothing, merchandise and more
- Increased business visibility through our installer finder network, listed as a PRO Partner
- Business support fund



To become an Elite PRO Partner, installers must be true advocates of Panasonic Heating & Cooling Solutions, this includes completion of our face-to-face training courses in one of our UK training centres.

- Extended warranty up to 7 years, subject to conditions
- Enhanced reward points that can be exchanged for clothing, merchandise and more
- Increased business visibility and boosted sales through our installer finder network listed as an Elite PRO Partner
- Enhanced Business support fund

Benefits

The PRO Partner scheme offers a myriad of benefits to enhance business opportunities for ambitious installers that are passionate about our products.



Increased visibility on PRO Club.

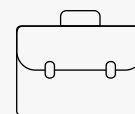
The unique i-Finder feature available with our PRO Partner membership helps to provide exposure for installers. Installers are added to our network of worldclass heating and cooling industry professionals, listed as either accredited installer, PRO Partner or Elite PRO Partner depending on their chosen scheme.



PRO Partner rewards portal.

With each of our exclusive PRO Partner tiers, members can earn points on their installations which can be exchanged for Panasonic branded merchandise, clothing and more.

To begin earning points for installations, members of the PRO Partner Scheme must register their Panasonic unit on our PRO Club platform to begin earning points and subsequent Panasonic rewards.



Business support fund.

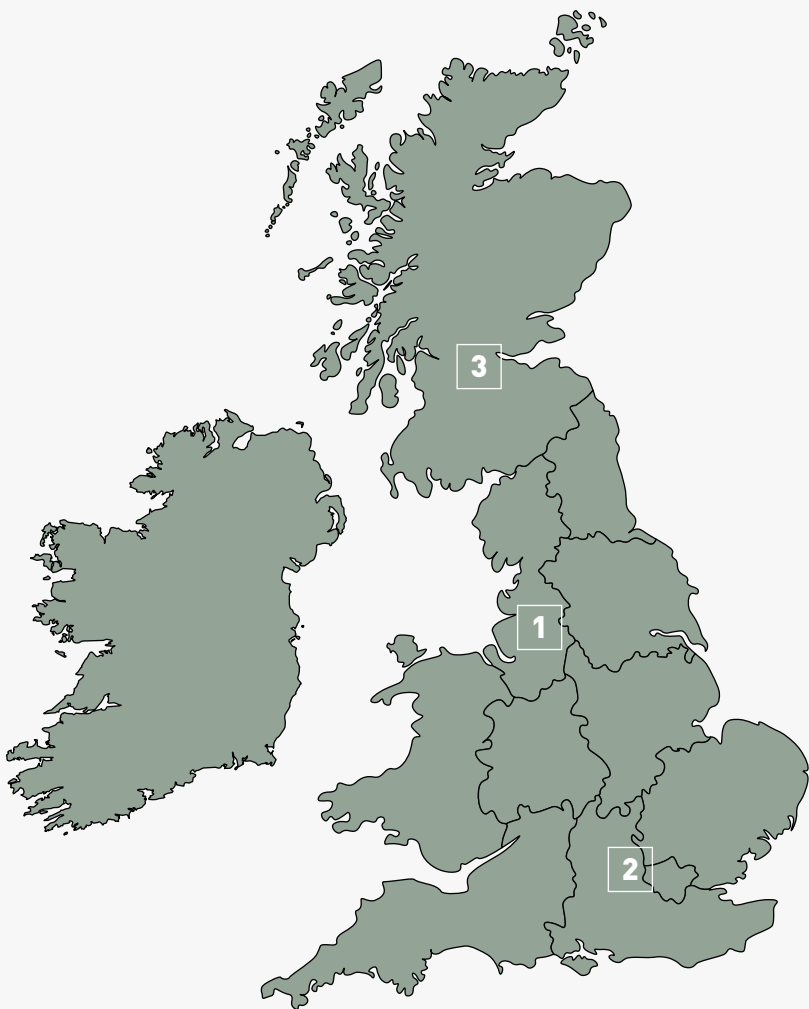
To support installers, and businesses with their business development, the Panasonic PRO Partner scheme offers PRO Partners and Elite PRO Partners an incredible business support package in the form of additional reward points. These contributions are designed to further the growth and success of installers' businesses with personalised sales literature, industry memberships, training courses and beyond.

24hr business support centre

As part of our commitment to support our installers with the PRO Partner scheme, we aim to ensure that the administration is as easy as possible for our installers. Your warranty registrations and points statements will be automatically updated by your scheme administrator if you have one, or alternatively we have introduced a 24hr call centre and e-mail address, which can assist in the submission of commissioning forms, warranty registration and general PRO Partner requests.

Training centres

Please speak to us about on site training courses.



- 1 Bury, Manchester
- 2 Welwyn Garden City, Hertfordshire
- 3 Livingstone, West Lothian

Training can be arranged on site for six engineers or more, or via our bespoke air to water training van. For our PRO and Elite PRO Partners our air to water training van is also available to book for trade fairs and exhibitions (bookings must be made 4 months in advance).

Training Centre	A2W	RAC, PAC and VRF	CO ₂
Bury	✓	✓	
Livingston	✓	✓	✓
Welwyn Garden City	✓	✓	✓

Scan to register for training.

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



Warranty terms and conditions

Please speak to us about on site training courses.



The Standard warranty

3 years parts and labour (A2W exc. Labour).

- The unit should be installed by a competent person
- The installation instructions supplied with the unit must be followed
- Annual maintenance records must be kept



The Extended warranty

5 years parts and labour.

- The unit should be installed by a competent person
- The installation instructions supplied with the unit must be followed
- Annual maintenance records must be kept
- The installer must be an Accredited Installer and must have completed the relevant Panasonic training
- The installer must register the unit on PRO Club (VRF and A2W units require additional commissioning documentation uploading onto PRO Club)



The Extended+ warranty

7 years parts and labour.

- The unit should be installed by a competent person
- The installation instructions supplied with the unit must be followed
- Annual maintenance records must be kept
- The installer must be a current PRO Partner or Elite PRO Partner and must have completed the relevant Panasonic training
- The Installer must register the unit on PRO Club (VRF and A2W units require additional commissioning documentation uploading onto PRO Club)
- A2W units must be installed with a CZ-TAW1B adapter*

* CZ-TAW1B Installation is mandatory on all Air to Water installations for 7 year warranty to be granted. For retrofit installations, the CZ-TAW1B must be installed and the smart cloud service activated. For new build installations, smart cloud activation is not mandatory for the 7 year warranty to be granted.

Where do I register my unit for warranty?

Warranty registration can be completed through the PRO Club platform, or for PRO Partners via the 24 hour support centre via e-mail: propartner.uk@eu.panasonic.com or phone 01189 287 569.



Spare parts ordering - in warranty requests.

- Ring the air to water technical service support line on: 01707 378670 to diagnose the issue and receive a warranty request code
- Receive and complete the in warranty spare parts form as provided by the technical team
- Complete and return the form to the following inbox: uk-aircon-service@eu.panasonic.com
- The spare part request is processed and the item(s) distributed



Our commitment to quality extends far beyond our products, which is why we have developed a partner scheme designed to support installers who love our solutions as much as we do.

To find out more about how you can become a Panasonic PRO Partner and have access to a complete range of benefits including extended warranty, business support and reward points, click on the link below:
www.aircon.panasonic.eu/GB_en/propartner



ETHEREA



Panasonic domestic air to air heat pump

Panasonic has developed a range of products designed for you, better than ever before. Above all, it is also a range for air conditioning professionals, such as yourself, thanks to its broad range of products which are capable of conditioning rooms of all sizes – always with optimal efficiency and incomparable ease of installation.

New Etherea with nanoe™ X technology

- nanoe™ X technology to improve protection 24/7 (Generator Mark 3)
- Sleek and stylish design, in Graphite grey, Silver and Matt white color
- Improved SEER / SCOP to achieve top class energy efficiency
- Built-in Wi-Fi for instant connectivity, now with an easier and quicker set-up
- Compatible with Google Assistant and Amazon Alexa



Wall-mounted TZ super-compact.

- The perfect air conditioner for the smallest spaces in your home (only 779 mm wide)
- nanoe™ X technology to improve protection 24/7
- Built-in Wi-Fi for instant connectivity, now with an easier and quicker set-up
- Compatible with Google Assistant and Amazon Alexa
- High energy savings



Wall-mounted indoor units, designed for simple installation and maintenance.

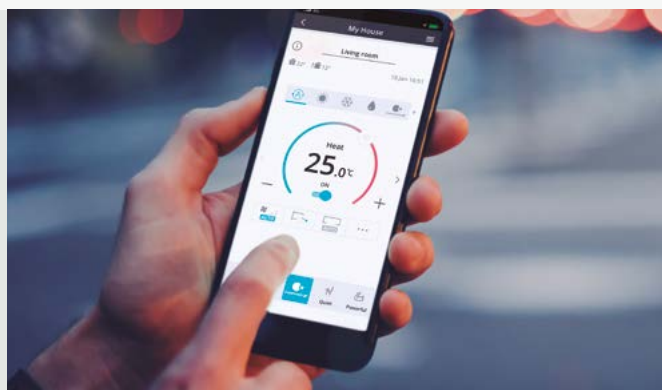
The full range of wall-mounted indoor units has been carefully designed for simple, stress-free installation and ongoing maintenance.



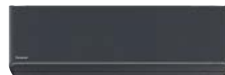
Welcome to the connected world of Panasonic Comfort Cloud App.

Panasonic Comfort Cloud App put total control of your indoor air quality at your fingertips.

- In control of cooling comfort anytime, anywhere
- Easily manage your comfort and air quality
- More comfort with less wasted energy
- Be informed of breakdowns



Page	Single split units	2.0 kW	2.5 kW	3.5 kW	4.2 kW	5.0 kW	6.0 kW	7.1 kW
NEW Wall-mounted Etherea • R32								
P. 14		CS-XZ20ZKEW-H CU-Z20ZKE	CS-XZ25ZKEW-H CU-Z25ZKE	CS-XZ35ZKEW-H CU-Z35ZKE	CS-XZ42ZKEW-H CU-Z42ZKE			
		CS-XZ20ZKEW CU-Z20ZKE	CS-XZ25ZKEW CU-Z25ZKE	CS-XZ35ZKEW CU-Z35ZKE		CS-XZ50ZKEW CU-Z50ZKE		
		CS-Z20ZKEW CU-Z20ZKE	CS-Z25ZKEW CU-Z25ZKE	CS-Z35ZKEW CU-Z35ZKE	CS-Z42ZKEW CU-Z42ZKE	CS-Z50ZKEW CU-Z50ZKE		CS-Z71ZKEW CU-Z71ZKE
NEW Wall-mounted TZ super-compact • R32								
P. 15		CS-TZ20ZKEW CU-TZ20ZKE	CS-TZ25ZKEW CU-TZ25ZKE	CS-TZ35ZKEW CU-TZ35ZKE	CS-TZ42ZKEW CU-TZ42ZKE	CS-TZ50ZKEW CU-TZ50ZKE	CS-TZ60ZKEW CU-TZ60ZKE	CS-TZ71ZKEW CU-TZ71ZKE
NEW Wall-mounted BZ super-compact • R32								
P. 15			CS-BZ25ZKE CU-BZ25ZKE	CS-BZ35ZKE CU-BZ35ZKE		CS-BZ50ZKE CU-BZ50ZKE	CS-BZ60ZKE CU-BZ60ZKE	
Floor console • R32								
P. 16			CS-Z25UFEAW CU-Z25UBEA	CS-Z35UFEAW CU-Z35UBEA		CS-Z50UFEAW CU-Z50UBEA		
Low static pressure hide-away • R32								
P. 17			CS-Z25UD3EAW CU-Z25UBEA	CS-Z35UD3EAW CU-Z35UBEA		CS-Z50UD3EAW CU-Z50UBEA	CS-Z60UD3EAW CU-Z60UBEA	

Page	Free Multi indoors	1.6 kW	2.0 kW	2.5 kW	3.5 kW	4.2 kW	5.0 kW	6.0 kW	7.1 kW
NEW Wall-mounted Etherea									
P. 18			CS-XZ20ZKEW-H	CS-XZ25ZKEW-H	CS-XZ35ZKEW-H	CS-XZ42ZKEW-H			
			CS-XZ20ZKEW	CS-XZ25ZKEW	CS-XZ35ZKEW		CS-XZ50ZKEW		
		CS-MZ16ZKE	CS-Z20ZKEW	CS-Z25ZKEW	CS-Z35ZKEW	CS-Z42ZKEW	CS-Z50ZKEW		CS-Z71ZKEW
NEW Wall-mounted TZ super-compact									
P. 19		CS-MTZ16ZKE	CS-TZ20ZKEW	CS-TZ25ZKEW	CS-TZ35ZKEW	CS-TZ42ZKEW	CS-TZ50ZKEW	CS-TZ60ZKEW	CS-TZ71ZKEW
Floor console									
P. 19			CS-MZ20UFEA	CS-Z25UFEAW	CS-Z35UFEAW		CS-Z50UFEAW		
4 Way 60x60 cassette									
P. 19			S-M20PY3E CZ-KPY4	S-25PY3E CZ-KPY4	S-36PY3E CZ-KPY4		S-50PY3E CZ-KPY4	S-60PY3E CZ-KPY4	
Low static pressure hide-away									
P. 19			CS-MZ20UD3EA	CS-Z25UD3EAW	CS-Z35UD3EAW		CS-Z50UD3EAW	CS-Z60UD3EAW	

Page	Free Multi	3.2 ~ 6.0 kW	3.2 ~ 6.0 kW	3.2 ~ 7.7 kW	4.5 ~ 9.5 kW	4.5 ~ 11.2 kW	4.5 ~ 11.5 kW	4.5 ~ 14.7 kW	4.5 ~ 18.3 kW
P. 18	Outdoor units Free Multi system Z								
		CU-2Z35TBE	CU-2Z41TBE	CU-2Z50TBE	CU-3Z52TBE	CU-3Z68TBE	CU-4Z68TBE	CU-4Z80TBE	CU-5Z90TBE

Page	Multi wall TZ outdoors	3.2 ~ 6.0 kW	3.2 ~ 7.7 kW	4.5 ~ 9.5 kW
P. 20	Outdoor units Multi TZ for wall TZ indoors			
		CU-2TZ41TBE	CU-2TZ50TBE	CU-3TZ52TBE

Single split

NEW Wall-mounted Etherea · R32

nanoe™ X (Generator Mark 3) and inside cleaning.
Built-in Wi-Fi for connectivity via Panasonic Comfort Cloud App.
Operation range down to -20 °C in heating.



Kit (remote controller included)								Indoor unit		Outdoor unit		RRP	
		Nominal capacity				SEER	SCOP	Dimension / Weight		Dimension ¹⁾ / Weight			
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C	A+++ to D	A+++ to D	H x W x D		H x W x D			
		kW	kW	kW	kW			mm / kg		mm / kg		£	
Kit graphite grey													
1ph	2.0 kW	KIT-XZ20-ZKE-H	2.05	2.09/2.07	2.80	2.78/2.38	8.70 A+++	4.80 A++	CS-XZ20ZKEW-H	295 x 870 x 229 / 10	CU-Z20ZKE	542 x 780 x 289 / 27	1,223
	2.5 kW	KIT-XZ25-ZKE-H	2.50	2.58/2.52	3.40	3.20/2.80	9.50 A+++	5.20 A+++	CS-XZ25ZKEW-H	295 x 870 x 229 / 10	CU-Z25ZKE	542 x 780 x 289 / 27	1,341
	3.5 kW	KIT-XZ35-ZKE-H	3.50	3.47/3.28	4.00	3.81/3.20	9.50 A+++	5.20 A+++	CS-XZ35ZKEW-H	295 x 870 x 229 / 11	CU-Z35ZKE	542 x 780 x 289 / 31	1,493
	4.2 kW	KIT-XZ42-ZKE-H	4.20	4.25/4.07	5.30	4.78/4.11	7.10 A++	4.30 A+	CS-XZ42ZKEW-H	295 x 870 x 229 / 10	CU-Z42ZKE	542 x 780 x 289 / 31	1,729
Kit silver													
1ph	2.0 kW	KIT-XZ20-ZKE	2.05	2.09/2.07	2.80	2.78/2.38	8.70 A+++	4.80 A++	CS-XZ20ZKEW	295 x 870 x 229 / 10	CU-Z20ZKE	542 x 780 x 289 / 27	1,185
	2.5 kW	KIT-XZ25-ZKE	2.50	2.58/2.52	3.40	3.20/2.80	9.50 A+++	5.20 A+++	CS-XZ25ZKEW	295 x 870 x 229 / 10	CU-Z25ZKE	542 x 780 x 289 / 27	1,295
	3.5 kW	KIT-XZ35-ZKE	3.50	3.47/3.28	4.00	3.81/3.20	9.50 A+++	5.20 A+++	CS-XZ35ZKEW	295 x 870 x 229 / 11	CU-Z35ZKE	542 x 780 x 289 / 31	1,441
	5.0 kW	KIT-XZ50-ZKE	5.00	4.70/4.07	5.80	5.57/4.80	8.50 A+++	4.80 A++	CS-XZ50ZKEW	295 x 1040 x 244 / 12	CU-Z50ZKE	695 x 875 x 320 / 40	2,068
Kit matt white													
1ph	2.0 kW	KIT-Z20-ZKE	2.05	2.09/2.07	2.80	2.78/2.38	8.70 A+++	4.80 A++	CS-Z20ZKEW	295 x 870 x 229 / 10	CU-Z20ZKE	542 x 780 x 289 / 27	1,156
	2.5 kW	KIT-Z25-ZKE	2.50	2.58/2.52	3.40	3.20/2.80	9.50 A+++	5.20 A+++	CS-Z25ZKEW	295 x 870 x 229 / 10	CU-Z25ZKE	542 x 780 x 289 / 27	1,263
	3.5 kW	KIT-Z35-ZKE	3.50	3.47/3.28	4.00	3.81/3.20	9.50 A+++	5.20 A+++	CS-Z35ZKEW	295 x 870 x 229 / 11	CU-Z35ZKE	542 x 780 x 289 / 31	1,392
	4.2 kW	KIT-Z42-ZKE	4.20	4.25/4.07	5.30	4.78/4.11	7.10 A++	4.30 A+	CS-Z42ZKEW	295 x 870 x 229 / 10	CU-Z42ZKE	542 x 780 x 289 / 31	1,639
	5.0 kW	KIT-Z50-ZKE	5.00	4.70/4.07	5.80	5.57/4.80	8.50 A+++	4.80 A++	CS-Z50ZKEW	295 x 1040 x 244 / 12	CU-Z50ZKE	695 x 875 x 320 / 40	1,898
	7.1 kW	KIT-Z71-ZKE	7.10	6.68/5.52	8.20	7.15/6.31	6.50 A++	4.20 A+	CS-Z71ZKEW	295 x 1040 x 244 / 13	CU-Z71ZKE	695 x 875 x 320 / 45	2,661

Piping information								
Kit	kW	2.0	2.5	3.5	4.2	5.0	7.1	
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	
Pipe length range	m	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 30	3 ~ 30	
Elevation difference (in / out)	m	15	15	15	15	15	20	
Pre-charged pipe length	m	7.5	7.5	7.5	7.5	7.5	10	
Additional gas amount	g/m	10	10	10	10	15	25	

1) Add 70 mm for piping port.

Electrical information (power supply to indoor)								
Single phase								
Kit	kW	2.0	2.5	3.5	4.2	5.0	7.1	
Recommended fuse	A	16	16	16	16	16	20	
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5	

Single split

NEW Wall-mounted TZ super-compact · R32

nanoe™ X technology to improve protection 24/7.

Built-in Wi-Fi for connectivity via Panasonic Comfort Cloud App.

Operation range down to -15 °C in heating.



Kit (remote controller included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER	SCOP		Dimension / Weight H x W x D	Dimension ¹⁾ / Weight H x W x D			
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C	A+++ to D	A+++ to D						
		kW	kW	kW	kW				mm / kg	mm / kg		£	
1ph	2.0 kW	KIT-TZ20-ZKE	2.00	1.87/1.85	2.70	2.50/2.14	7.00 A++	4.60 A++	CS-TZ20ZKEW	290 x 779 x 209 / 8	CU-TZ20ZKE	542 x 780 x 289 / 24	865
	2.5 kW	KIT-TZ25-ZKE	2.50	2.34/2.30	3.30	2.91/2.70	7.10 A++	4.60 A++	CS-TZ25ZKEW	290 x 779 x 209 / 8	CU-TZ25ZKE	542 x 780 x 289 / 25	997
	3.5 kW	KIT-TZ35-ZKE	3.50	3.37/2.95	4.00	3.61/3.30	6.80 A++	4.60 A++	CS-TZ35ZKEW	290 x 779 x 209 / 8	CU-TZ35ZKE	542 x 780 x 289 / 29	1,155
	4.2 kW	KIT-TZ42-ZKE	4.20	3.94/3.17	5.00	4.70/3.90	6.40 A++	4.10 A+	CS-TZ42ZKEW	290 x 779 x 209 / 8	CU-TZ42ZKE	542 x 780 x 289 / 31	1,378
	5.0 kW	KIT-TZ50-ZKE	5.00	4.69/4.31	5.80	5.25/4.62	6.90 A++	4.50 A+	CS-TZ50ZKEW	290 x 779 x 209 / 8	CU-TZ50ZKE	619 x 824 x 299 / 35	1,470
	6.0 kW	KIT-TZ60-ZKE	6.00	5.70/4.65	7.00	5.70/4.90	6.80 A++	4.30 A+	CS-TZ60ZKEW	295 x 1040 x 244 / 12	CU-TZ60ZKE	619 x 824 x 299 / 35	1,818
	7.1 kW	KIT-TZ71-ZKE	7.10	6.68/5.25	8.20	7.15/6.31	6.20 A++	4.10 A+	CS-TZ71ZKEW	295 x 1040 x 244 / 13	CU-TZ71ZKE	695 x 875 x 320 / 45	2,098

Piping information

Kit	kW	2.0	2.5	3.5	4.2	5.0	6.0	7.1
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8
Pipe length range	m	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 20	3 ~ 30	3 ~ 30
Elevation difference (in / out)	m	15	15	15	15	15	15	20
Pre-charged pipe length	m	7.5	7.5	7.5	7.5	10	10	10
Additional gas amount	g/m	10	10	10	10	15	15	25

1) Add 70 mm for piping port.

Electrical information (power supply to indoor)

Single phase								
Kit	kW	2.0	2.5	3.5	4.2	5.0	6.0	7.1
Recommended fuse	A	16	16	16	16	16	20	20
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5	4 x 2.5

NEW Wall-mounted BZ super-compact · R32

Cleaner air with PM2.5 filter.

Optional Wi-Fi control via Panasonic Comfort Cloud App

(CZ-TACG1 required).

Operation range down to -15 °C in heating.



Kit (remote controller included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER	SCOP		Dimension / Weight H x W x D	Dimension ¹⁾ / Weight H x W x D			
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C	A+++ to D	A+++ to D						
		kW	kW	kW	kW								
1ph	2.5 kW	KIT-BZ25-ZKE	2.50	2.29/2.26	3.15	2.50/2.14	6.30 A++	4.20 A+	CS-BZ25ZKE	290 x 779 x 209 / 8	CU-BZ25ZKE	542 x 780 x 289 / 24	736
	3.5 kW	KIT-BZ35-ZKE	3.30	3.08/2.83	3.70	3.05/2.60	6.30 A++	4.20 A+	CS-BZ35ZKE	290 x 779 x 209 / 8	CU-BZ35ZKE	542 x 780 x 289 / 25	833
	5.0 kW	KIT-BZ50-ZKE	5.00	4.59/3.64	5.40	5.25/4.62	6.50 A++	4.20 A+	CS-BZ50ZKE	290 x 779 x 209 / 8	CU-BZ50ZKE	619 x 824 x 299 / 35	1,220
	6.0 kW	KIT-BZ60-ZKE	6.00	5.25/4.36	6.80	5.64/5.10	6.40 A++	4.10 A+	CS-BZ60ZKE	290 x 779 x 209 / 9	CU-BZ60ZKE	695 x 875 x 320 / 40	1,508

Piping information

Kit	kW	2.5	3.5	5.0	6.0
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
Pipe length range	m	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 30
Elevation difference (in / out)	m	15	15	15	15
Pre-charged pipe length	m	7.5	7.5	10	7.5
Additional gas amount	g/m	10	10	15	15

1) Add 70 mm for piping port.

Electrical information (power supply to indoor)

Single phase					
Kit	kW	2.5	3.5	5.0	6.0
Recommended fuse	A	16	16	16	16
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5

Single split

Floor console · R32

nanoe™ X technology to improve protection 24/7.

Optional Wi-Fi control via Panasonic Comfort Cloud App (CZ-TACG1 required).

Operation range down to -15 °C in heating.



Kit (remote controller included)								Indoor unit		Outdoor unit		RRP	
		Nominal capacity				SEER	SCOP	Dimension / Weight		Dimension ¹⁾ / Weight			
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C	A+++ to D	A+++ to D	H xW xD		H xW xD			
		kW	kW	kW	kW			mm / kg		mm / kg		£	
1ph	2.5 kW	KIT-Z25-UFE	2.50	2.36/2.19	3.40	3.45/2.88	7.90 A++	4.60 A++	CS-Z25UFEAW	600 x750 x 207 / 13	CU-Z25UBEA	542 x780 x 289 / 33	1,617
	3.5 kW	KIT-Z35-UFE	3.50	3.30/2.83	4.30	4.13/3.37	8.10 A++	4.60 A++	CS-Z35UFEAW	600 x750 x 207 / 13	CU-Z35UBEA	619 x824 x 299 / 35	1,746
	5.0 kW	KIT-Z50-UFE	5.00	4.72/3.47	5.80	5.68/5.03	6.70 A++	4.30 A+	CS-Z50UFEAW	600 x750 x 207 / 13	CU-Z50UBEA	695 x875 x 320 / 43	2,116

Piping information					
Kit	kW	2.5	3.5	5.0	
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	
Pipe length range	m	3 ~ 20	3 ~ 20	3 ~ 30	
Elevation difference (in / out)	m	15	15	20	
Pre-charged pipe length	m	7.5	7.5	7.5	
Additional gas amount	g/m	10	10	15	

Electrical information (power supply to outdoor)					
Single phase					
Kit	kW	2.5	3.5	5.0	
Recommended fuse	A	16	16	16	
Connection in. / out.	mm²	4 x 1.5	4 x 1.5	4 x 1.5	

1) Add 70 mm for piping port.

Welcome to the connected world of Panasonic Comfort Cloud App.

Whether you are at home, at the office or running a business, Panasonic Comfort Cloud App put total control of your indoor air quality at your fingertips.



- Remote control. Control and monitor your air conditioners anytime, anywhere
- Monitor energy consumption. Check the energy consumption of each individual unit across different time intervals by comparing the energy usage patterns to maximise energy savings
- nanoe™ X: improving protection 24/7*. Switch on nanoe™ X mode with cooling OFF / ON and see the nanoe™ X coverage in your space through a simulation

* Only for units compatible with nanoe™ X function.

Single split

Low static pressure hide-away · R32

Eco mode for 20% energy saving.

Optional Wi-Fi control via Panasonic Comfort Cloud App (CZ-TACG1 required). Drain pump included.

Operation range down to -15 °C in heating.



Kit (remote controller included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER A+++ to D	SCOP A+++ to D		Dimension / Weight H x W x D		Dimension ¹⁾ / Weight H x W x D		
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C								
		kW	kW	kW	kW								
								mm / kg		mm / kg	£		
1ph	2.5 kW	KIT-Z25-UD3	2.50	2.30/2.28	3.20	3.16/2.60	5.90 A+	4.20 A+	CS-Z25UD3EAW	200 x 750 x 640 / 19	CU-Z25UBEAE	542 x 780 x 289 / 33	1,554
	3.5 kW	KIT-Z35-UD3	3.50	3.08/2.76	4.20	3.54/3.00	5.80 A+	4.10 A+	CS-Z35UD3EAW	200 x 750 x 640 / 19	CU-Z35UBEAE	619 x 824 x 299 / 35	1,645
	5.0 kW	KIT-Z50-UD3	5.10	3.63/2.90	6.10	5.06/4.50	5.90 A+	4.10 A+	CS-Z50UD3EAW	200 x 750 x 640 / 19	CU-Z50UBEAE	695 x 875 x 320 / 43	2,121
	6.0 kW	KIT-Z60-UD3	6.00	4.25/3.42	7.00	5.64/5.10	5.60 A+	4.10 A+	CS-Z60UD3EAW	200 x 750 x 640 / 19	CU-Z60UBEAE	695 x 875 x 320 / 43	2,339

Piping information					
Kit	kW	2.5	3.5	5.0	6.0
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
Pipe length range	m	3 ~ 20	3 ~ 20	3 ~ 30	3 ~ 30
Elevation difference (in / out)	m	15	15	20	20
Pre-charged pipe length	m	7.5	7.5	7.5	7.5
Additional gas amount	g/m	10	10	15	15

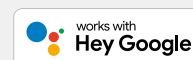
Electrical information (power supply to outdoor)					
Single phase					
Kit	kW	2.5	3.5	5.0	6.0
Recommended fuse	A	16	16	16	16
Connection in. / out.	mm ²	4 x 1.5 ~ 2.5	4 x 1.5 ~ 2.5	4 x 1.5 ~ 2.5	4 x 1.5 ~ 2.5

1) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port.

Voice Control. Words do more than actions.

Control without boundaries and get hands-free help to fully access the features of your air conditioners.

Maximising your cooling comfort is now a breeze with our Network-Enabled air conditioners with Panasonic Comfort Cloud App and Voice Control.



· Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates
· Availability of Voice Assistant services varies depending on country and language

Outdoor units Free Multi system Z

Outdoor units Free Multi system Z · R32

Up to 5 indoor units with a single outdoor unit.

High energy efficiency class A+++ SEER.

Operation range down to -15 °C in heating.



Outdoor unit		Nominal capacity		SEER A+++ to D	SCOP A+++ to D	Dimension ¹⁾ H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
1ph	3.2 ~ 6.0 kW CU-2Z35TBE	3.50	4.20	8.50 A+++	4.60 A++	619 x 824 x 299	39	1,215
	3.2 ~ 6.0 kW CU-2Z41TBE	4.10	4.60	8.50 A+++	4.60 A++	619 x 824 x 299	39	1,380
	3.2 ~ 7.7 kW CU-2Z50TBE	5.00	5.60	8.50 A+++	4.60 A++	619 x 824 x 299	39	1,566
	4.5 ~ 9.5 kW CU-3Z52TBE	5.20	6.80	8.50 A+++	4.20 A+	795 x 875 x 320	71	1,888
	4.5 ~ 11.2 kW CU-3Z68TBE	6.80	8.50	8.00 A++	4.20 A+	795 x 875 x 320	71	2,230
	4.5 ~ 11.5 kW CU-4Z68TBE	6.80	8.50	8.00 A++	4.20 A+	795 x 875 x 320	72	2,497
	4.5 ~ 14.7 kW CU-4Z80TBE	8.00	9.40	7.90 A++	4.70 A++	999 x 940 x 340	80	3,136
	4.5 ~ 18.3 kW CU-5Z90TBE	9.00	10.40	8.50 A+++	4.68 A++	999 x 940 x 340	81	3,612

Piping information									
Outdoor unit	kW	2Z35	2Z41	2Z50	3Z52	3Z68	4Z68	4Z80	5Z90
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
Pipe length range total ²⁾	m	6 ~ 30	6 ~ 30	6 ~ 30	6 ~ 50	6 ~ 60	6 ~ 60	6 ~ 70	6 ~ 80
Pipe length range to one unit	m	3 ~ 20	3 ~ 20	3 ~ 20	3 ~ 25	3 ~ 25	3 ~ 25	3 ~ 25	3 ~ 25
Elevation difference (in / out)	m	10	10	10	15	15	15	15	15
Pre-charged pipe length	m	20	20	20	30	30	30	45	45
Additional gas amount	g/m	15	15	15	20	20	20	20	20

1) Add 70 mm for piping port. 2) Minimum piping length is 3 meters per indoor unit.

Possible outdoor / indoor units combinations

Rooms	Outdoor unit	Indoor capacity connected (Min - Max)	NEW Wall-mounted Etherea								NEW Wall-mounted TZ super-compact								Floor console				4 Way 60x60 cassette						Low static pressure hide-away					
			16	20	25	35	42	50	71	16	20	25	35	42	50	60	71	20	25	35	50	20	25	35	50	60	20	25	35	50	60			
2	CU-2Z35TBE	3.2~6.0 kW	•	•	•	•				•	•	•	•					•	•	•		•	•	•			•	•	•					
	CU-2Z41TBE	3.2~6.0 kW	•	•	•	•				•	•	•	•					•	•	•		•	•	•			•	•	•					
	CU-2Z50TBE	3.2~7.7 kW	•	•	•	•	•	•		•	•	•	•	•	•			•	•	•	•	•	•	•	•		•	•	•	•				
3	CU-3Z52TBE	4.5~9.5 kW	•	•	•	•	•	•		•	•	•	•	•	•						•	•	•	•			•	•	•	•				
	CU-3Z68TBE	4.5~11.2 kW	•	•	•	•	•	•		•	•	•	•	•	•	•					•	•	•	•	•		•	•	•	•	•			
4	CU-4Z68TBE	4.5~11.5 kW	•	•	•	•	•	•		•	•	•	•	•	•	•					•	•	•	•	•		•	•	•	•	•			
	CU-4Z80TBE	4.5~14.7 kW	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•		•	•	•	•	•			
5	CU-5Z90TBE	4.5~18.3 kW	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•		•	•	•	•	•			

Compatible indoor units for multi combinations



NEW Wall-mounted Etherea	Indoor unit graphite grey	Indoor unit silver	Indoor unit matt white	Nominal capacity		Connection in. / out.	Dimension / Net weight H x W x D mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP		
				Cooling kW	Heating kW				Grey £	Silver £	White £
1.6 kW	—	—	CS-MZ16ZKE	1.60	2.60	4 x 1.5	295 x 870 x 229 / 10	1/4 (6.35) / 3/8 (9.52)	—	—	331
2.0 kW	CS-XZ20ZKEW-H	CS-XZ20ZKEW	CS-Z20ZKEW	2.00	3.20	4 x 1.5	295 x 870 x 229 / 10	1/4 (6.35) / 3/8 (9.52)	417	379	350
2.5 kW	CS-XZ25ZKEW-H	CS-XZ25ZKEW	CS-Z25ZKEW	2.50	3.60	4 x 1.5	295 x 870 x 229 / 10	1/4 (6.35) / 3/8 (9.52)	505	459	427
3.5 kW ¹⁾	CS-XZ35ZKEW-H	CS-XZ35ZKEW	CS-Z35ZKEW	3.50	4.50	4 x 1.5	295 x 870 x 229 / 11	1/4 (6.35) / 3/8 (9.52)	575	523	474
4.2 kW ²⁾	CS-XZ42ZKEW-H	—	CS-Z42ZKEW	4.20	5.60	4 x 1.5	295 x 870 x 229 / 10	1/4 (6.35) / 1/2 (12.70)	597	—	507
5.0 kW ³⁾	—	CS-XZ50ZKEW	CS-Z50ZKEW	5.00	6.80	4 x 2.5	295 x 1040 x 244 / 12	1/4 (6.35) / 1/2 (12.70)	—	849	679
7.1 kW	—	—	CS-Z71ZKEW	7.10	8.70	4 x 2.5	295 x 1040 x 244 / 13	1/4 (6.35) / 5/8 (15.88)	—	—	1,038

Compatible indoor units for multi combinations



NEW Wall-mounted TZ super-compact	Indoor unit	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight HxWxD mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling kW	Heating kW				Indoor £	Panel £
1.6 kW	CS-MTZ16ZKE	1.60	2.60	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)	319	
2.0 kW	CS-TZ20ZKEW	2.00	3.20	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)	354	
2.5 kW	CS-TZ25ZKEW	2.50	3.60	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)	395	
3.5 kW ¹⁾	CS-TZ35ZKEW	3.50	4.50	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)	438	
4.2 kW	CS-TZ42ZKEW	4.20	5.60	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 1/2 (12.70)	500	
5.0 kW	CS-TZ50ZKEW	5.00	6.80	4 x 2.5	290 x 779 x 209 / 8	1/4 (6.35) / 1/2 (12.70)	546	
6.0 kW	CS-TZ60ZKEW	6.00	8.50	4 x 2.5	295 x 1040 x 244 / 12	1/4 (6.35) / 1/2 (12.70)	781	
7.1 kW	CS-TZ71ZKEW	7.10	8.70	4 x 2.5	295 x 1040 x 244 / 13	1/4 (6.35) / 5/8 (15.88)	923	



Floor console ⁴⁾	Indoor unit	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight HxWxD mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling kW	Heating kW				Indoor £	Panel £
2.0 kW	CS-MZ20UFEA	2.00	3.20	4 x 1.5	600 x 750 x 207 / 13	1/4 (6.35) / 3/8 (9.52)	694	
2.5 kW	CS-Z25UFEAW	2.50	3.60	4 x 1.5	600 x 750 x 207 / 13	1/4 (6.35) / 3/8 (9.52)	863	
3.5 kW ¹⁾	CS-Z35UFEAW	3.50	4.50	4 x 1.5	600 x 750 x 207 / 13	1/4 (6.35) / 3/8 (9.52)	938	
5.0 kW	CS-Z50UFEAW	5.00	5.30	4 x 1.5	600 x 750 x 207 / 13	1/4 (6.35) / 1/2 (12.70)	1,108	



Panel (sold separately).
CZ-KPY4



Infrared kit option.
CZ-RWS3 + CZ-RWRY3

4 Way 60x60 cassette*	Indoor unit (Panel CZ-KPY4)	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight		Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling kW	Heating kW		Indoor HxWxD mm / kg	Panel HxWxD mm / kg		Indoor £	Panel £
2.0 kW	S-M20PY3E	2.00	3.20	4 x 1.5	243 x 575 x 575 / 15	30 x 625 x 625 / 2.8	1/4 (6.35) / 1/2 (12.70)	612	245
2.5 kW	S-25PY3E	2.50	3.60	4 x 1.5	243 x 575 x 575 / 15	30 x 625 x 625 / 2.8	1/4 (6.35) / 1/2 (12.70)	688	245
3.5 kW ¹⁾	S-36PY3E	3.50	3.60	4 x 1.5	243 x 575 x 575 / 15	30 x 625 x 625 / 2.8	1/4 (6.35) / 1/2 (12.70)	729	245
5.0 kW ³⁾	S-50PY3E	5.00	6.80	4 x 1.5	243 x 575 x 575 / 15	30 x 625 x 625 / 2.8	1/4 (6.35) / 1/2 (12.70)	827	245
6.0 kW	S-60PY3E	6.00	8.50	4 x 1.5	243 x 575 x 575 / 15	30 x 625 x 625 / 2.8	3/8 (9.52) / 5/8 (15.88)	1,010	245

* Compatible with Commercial control and connectivity accessories only. For detailed information go to the control systems section.



Low static pressure hide-away	Indoor unit	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight HxWxD mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling kW	Heating kW				Indoor £	Panel £
2.0 kW	CS-MZ20UD3EA	2.00	3.20	4 x 1.5	200 x 750 x 640 / 19	1/4 (6.35) / 3/8 (9.52)	663	
2.5 kW	CS-Z25UD3EAW	2.50	3.60	4 x 1.5	200 x 750 x 640 / 19	1/4 (6.35) / 3/8 (9.52)	800	
3.5 kW ¹⁾	CS-Z35UD3EAW	3.50	4.50	4 x 1.5	200 x 750 x 640 / 19	1/4 (6.35) / 3/8 (9.52)	837	
5.0 kW ³⁾	CS-Z50UD3EAW	5.00	6.80	4 x 1.5	200 x 750 x 640 / 19	1/4 (6.35) / 1/2 (12.70)	1,113	
6.0 kW	CS-Z60UD3EAW	6.00	8.50	4 x 1.5	200 x 750 x 640 / 19	1/4 (6.35) / 1/2 (12.70)	1,161	

1) Heating capacity in combination with Free Multi outdoor units except with CU-2Z35TBE. In this case, the heating capacity is 4.20 kW. 3) Heating capacity in combination with Free Multi outdoor units except with CU-2Z50TBE. In this case, the heating capacity is 5.00 kW. 3) Heating capacity in combination with Free Multi outdoor units except with CU-2Z35TBE. In this case, the heating capacity is 5.30 kW. 4) Compatible only with 2 ports R32 outdoor CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE. Minimum quantity of connection: 2 indoor units.

Multi wall TZ

Outdoor units Multi TZ · R32

Up to 3 indoor units with a single outdoor unit.

High energy efficiency class A++ SEER.

Operation range down to -15 °C in heating.



Outdoor unit			Nominal capacity		SEER	SCOP	Dimension ¹⁾	Weight	RRP
			Cooling	Heating	A+++ to D	A+++ to D	H x W x D		
			kW	kW			mm	kg	£
1ph	3.2 ~ 6.0 kW	CU-2TZ41TBE	4.10	4.40	7.10 A++	4.30 A+	542 x 780 x 289	35	1,216
	3.2 ~ 7.7 kW	CU-2TZ50TBE	5.00	5.70	7.00 A++	4.20 A+	542 x 780 x 289	35	1,382
	4.5 ~ 9.5 kW	CU-3TZ52TBE	5.20	6.80	7.60 A++	4.20 A+	795 x 875 x 320	71	1,666

Piping information				
Outdoor unit	kW	3.2 ~ 6.0	3.2 ~ 7.7	4.5 ~ 9.5
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
Pipe length range total	m	6 ~ 30	6 ~ 30	6 ~ 50
Pipe length range to one unit	m	3 ~ 20	3 ~ 20	3 ~ 25
Elevation difference (in / out)	m	10	10	15
Pre-charged pipe length	m	20	20	30
Additional gas amount	g/m	15	15	20

Electrical information (power supply to indoor)				
Single phase				
Outdoor unit	kW	3.2 ~ 6.0	3.2 ~ 7.7	4.5 ~ 9.5
Recommended fuse	A	16	16	16
Recommended power cable section	mm ²	2.5	2.5	2.5
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5

1) Add 70 or 95 mm for piping port.

Possible outdoor / indoor units combinations

Rooms	Outdoor unit	Indoor capacity connected (Min - Max)	NEW Wall-mounted TZ super-compact					
			16	20	25	35	42	50
2	CU-2TZ41TBE	3.2 ~ 6.0 kW	✓	✓	✓	✓		
	CU-2TZ50TBE	3.2 ~ 7.7 kW	✓	✓	✓	✓	✓	✓
3	CU-3TZ52TBE	4.5 ~ 9.5 kW	✓	✓	✓	✓	✓	✓

Minimum quantity of connection: 2 indoor units.



Optional wired remote controller.
CZ-RD517C

NEW Wall-mounted TZ super-compact	Indoor unit	Nominal capacity		Connection in. / out.	Dimension / Net weight	Piping diameter		RRP
		Cooling	Heating			Liquid / Gas		
		kW	kW	mm ²	mm / kg	Inch (mm)		£
1.6 kW	CS-MTZ16ZKE	1.60	2.60	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)		319
2.0 kW	CS-TZ20ZKEW	2.00	3.20	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)		354
2.5 kW	CS-TZ25ZKEW	2.50	3.60	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)		395
3.5 kW	CS-TZ35ZKEW	3.50	4.50	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 3/8 (9.52)		438
4.2 kW	CS-TZ42ZKEW	4.20	5.60	4 x 1.5	290 x 779 x 209 / 8	1/4 (6.35) / 1/2 (12.70)		500
5.0 kW	CS-TZ50ZKEW	5.00	6.80	4 x 2.5	290 x 779 x 209 / 8	1/4 (6.35) / 1/2 (12.70)		546



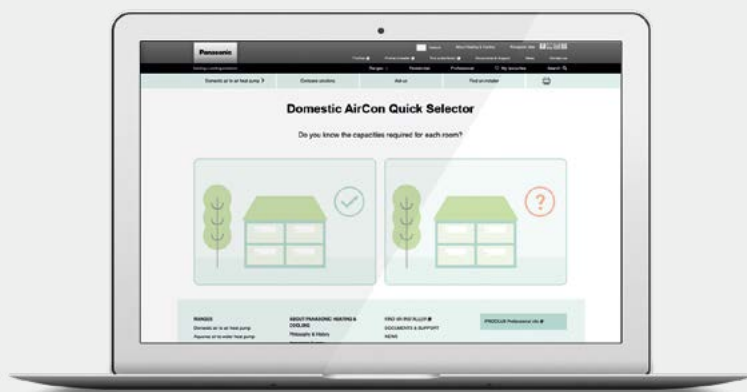
Connectivity			RRP £
	Wi-Fi adapter for smart control via Panasonic Comfort Cloud App.	CZ-TACG1	124
	RAC interface adapter for integration into S-Link, plus external input and alarm/status output.	CZ-CAPRA1	178
	KNX interface. Can be used with all models which have a CN-CNT connector (Intesis).	PAW-AC-KNX-1i	388
	Modbus interface. Can be used with all models which have a CN-CNT connector (Intesis).	PAW-AC-MBS-1	388
	BACnet interface. Can be used with all models which have a CN-CNT connector (Intesis).	PAW-AC-BAC-1	580
	KNX interface. Can be used with all models which have a CN-CNT connector (Airzone).	PAW-AZAC-KNX-1	330
	Modbus interface. Can be used with all models which have a CN-CNT connector (Airzone).	PAW-AZAC-MBS-1	330
	BACnet interface. Can be used with all models which have a CN-CNT connector (Airzone).	PAW-AZAC-BAC-1	546
	This interface can be used with all models which have a CN-RMT connector.	PAW-AC-DIO	195
	Heating only PCB for Etherea and low static pressure hide-away.	PAW-AC-HEAT-1	178
	Control of the Etherea, Flagship and Heatcharge by SMS (need additional SIM card).	PAW-SMSCONTROL	303

Individual controls			RRP £
	Wired remote controller for wall-mounted and floor console.	CZ-RD517C	157
	Infrared remote controller Sky Remote. 2 m cable length of infrared receiver for hide-away.	CZ-RL511D	115
	CONEX wired remote controller (non-wireless) for 4 way 60x60 cassette - PY3, white.	CZ-RTC6W ¹⁾	157
	CONEX wired remote controller (non-wireless) for 4 way 60x60 cassette - PY3, black.	CZ-RTC6	157
Panel			RRP £
	Panel for 4 way 60x60 cassette - PY3.	CZ-KPY4	245
Pipe reducer			RRP £
	Reduces the connection size on the indoor unit from 1/2 to 3/8.	CZ-MA1PA	10
	Increases the connection size on the outdoor unit from 3/8 to 1/2.	CZ-MA2PA	15
	Reduces the connection size on the indoor unit from 5/8 to 1/2.	CZ-MA3PA	17

1) Available in Autumn 2023.

Domestic AirCon Quick Selector.

This user-friendly online tool for our domestic range allows to choose the best split or multi-split system for each project needs and get the specifications of that particular application.



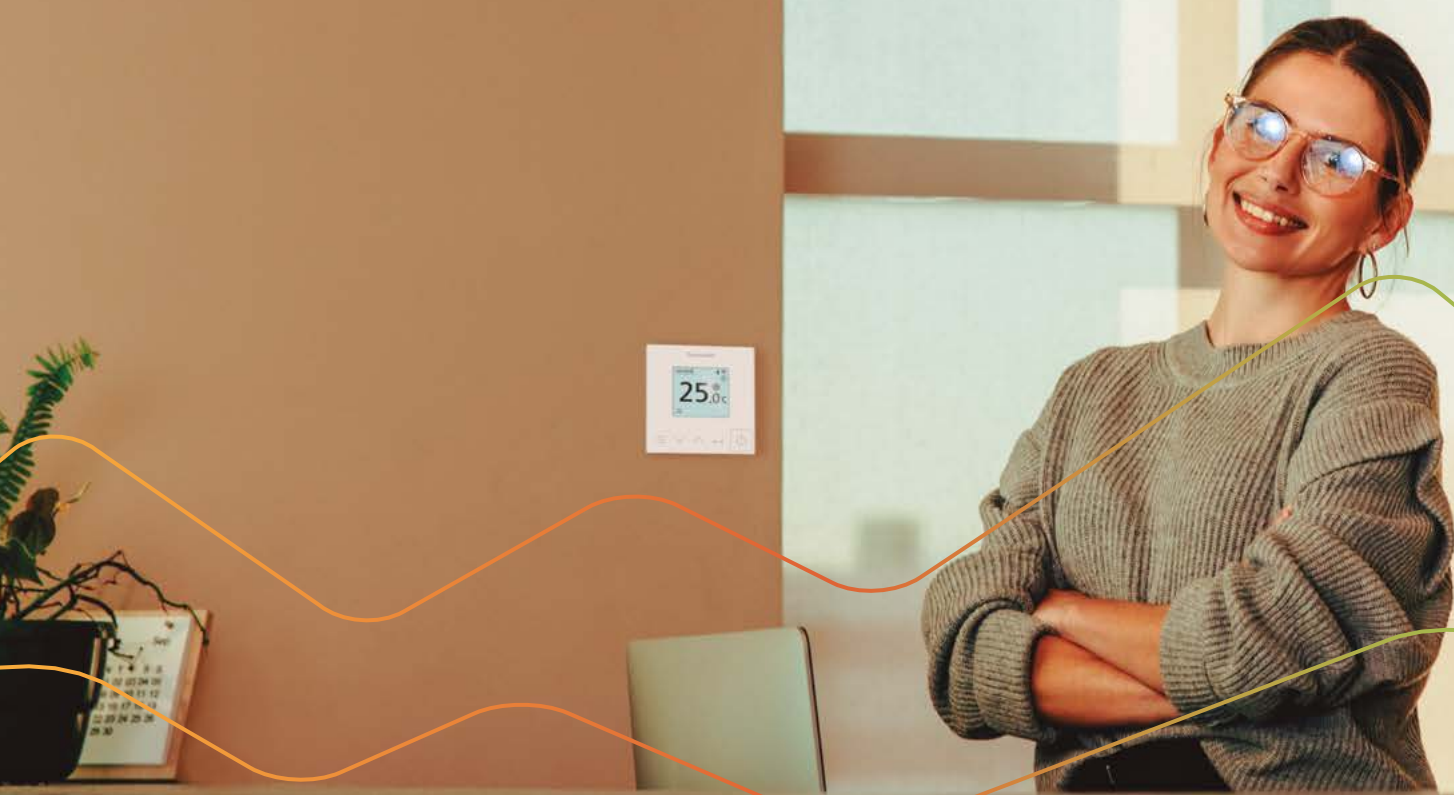
Configure in a few steps your multi split system with our online tool and see the capacity of all possible combinations.



AR Heat Pump Viewer.

Interested to see how a Panasonic air conditioner looks in your home? Try the new Panasonic AR projector, utilising augmented reality!



PACi

Panasonic Commercial air to air

Panasonic has developed an impressive range of highly efficient Commercial Air Conditioners. This range confirms our commitment to the environment, with our highly efficient Inverter compressor technology to optimise performance.

PACi NX Elite PZH4 Series (7.1 - 14 kW).

- Compact single fan design up to 14 kW, will fit in limited installation space
- Highly efficient performance in a compact body
- Extended operation range up to 52 °C in cooling and down to -20 °C in heating
- Long piping allowance maximum 100 m ¹⁾
- Cooling down to -20 °C ²⁾

1) For models 100 ~ 140. 2) For models 100 ~ 140 with pipe length up to 30 m.



A wide range of air to air indoor units with nanoe™ X as a standard.

Better indoor air quality with nanoe™ X.

- nanoe™ X is a filter free solution that does not require maintenance
- 99.9% SARS-CoV-2 inhibition within 2 hours ¹⁾

1) Novel coronavirus [SARS-CoV-2], [Test organization] Texcell (France) [Test subject] Adhered novel coronavirus [SARS-CoV-2] [Test volume] 45 L enclosed box [Test result] Inhibited 99.9% in 2 hours [Test report] 1140-01 A1.



CONEX. Devices and apps.

White version is newly available.

- Intuitive control with stylish design
- Apps available for daily remote control operation via Bluetooth® ¹⁾ or Wi-Fi ²⁾
- Panasonic H&C Diagnosis App for professionals ¹⁾

1) Panasonic H&C Control App and Panasonic H&C Diagnosis App. 2) Panasonic Comfort Cloud App.

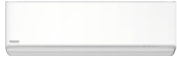
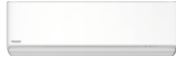
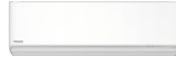
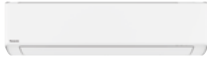
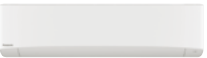


YKEA server room solution.

Perfect solution for smaller server rooms.

- Designed for 24/7 operation
- Operation down to -25 °C ambient
- Aerowings 2.0 technology for enhanced airflow distribution
- High seasonal performance



Page	Indoor units	2.5 kW	3.6 kW	4.5 kW ¹⁾	5.0 kW	6.0 kW
P. 26	Wall-mounted Professional ²⁾	 CS-Z25YKEA	 CS-Z35YKEA	 CS-Z42YKEA	 CS-Z50YKEA	
P. 26	PACi NX wall-mounted		 S-3650PK3E	 S-3650PK3E	 S-3650PK3E	 S-6010PK3E
P. 27	PACi NX 4 way 60x60 cassette	 S-25PY3E	 S-36PY3E	 S-50PY3E	 S-60PY3E	
P. 28	PACi NX 4 way 90x90 cassette		 S-3650PU3E	 S-3650PU3E	 S-3650PU3E	 S-6071PU3E
P. 29	PACi NX ceiling		 S-3650PT3E	 S-3650PT3E	 S-3650PT3E	 S-6071PT3E
P. 30	PACi NX adaptive ducted		 S-3650PF3E	 S-3650PF3E	 S-3650PF3E	 S-6071PF3E
P. 31	High static pressure hide-away 20-25 kW					
Outdoor units		2.5 kW	3.6 kW	5.0 kW	6.0 kW	
PACi NX Standard		 U-25PZ3E5	 U-36PZ3E5	 U-50PZ3E5	 U-60PZ3E5A	
PACi NX Elite			 U-36PZH3E5	 U-50PZH3E5	 U-60PZH3E5	

1) The 4.5 kW indoor capacity options are only available only for twin, triple and double-twin combinations. 2) Not compatible with PACi NX outdoors and accessories. Domestic range sales conditions may apply. Check with your sales representative. 3) These two units are not in PACi NX range but part of Big PACi range.

* U-__E5 Single phase / U-__E8 Three phase.

7.1 kW

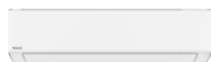
10.0 kW

12.5 kW

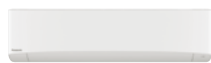
14.0 kW

20.0 kW

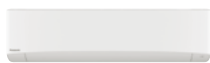
25.0 kW



CS-Z71YKEA



S-6010PK3E



S-6010PK3E



S-6071PU3E



S-1014PU3E



S-1014PU3E



S-1014PU3E



S-6071PT3E



S-1014PT3E



S-1014PT3E



S-1014PT3E



S-6071PF3E



S-1014PF3E



S-1014PF3E



S-1014PF3E



S-200PE3E5B



S-250PE3E5B

7.1 kW

10.0 kW

12.5 kW

14.0 kW

20.0 kW

25.0 kW



U-71PZ3E5A



U-100PZ3E5 / U-100PZ3E8



U-125PZ3E5 / U-125PZ3E8



U-140PZ3E5 / U-140PZ3E8



U-71PZH4E5 / U-71PZH4E8



U-100PZH4E5 / U-100PZH4E8



U-125PZH4E5 / U-125PZH4E8



U-140PZH4E5 / U-140PZH4E8

U-200PZH2E8 ³⁾U-250PZH2E8 ³⁾

Wall-mounted Professional

Wall-mounted Professional -25 °C · R32

Designed for 24h/7d a week operation for server rooms.

High seasonal performance.

Operation range up to 43 °C in cooling and down to -15 °C in heating.



Kit (remote controller included)							Indoor unit		Outdoor unit		RRP		
		Nominal capacity				SEER ¹⁾	SCOP ¹⁾	Dimension / Weight H x W x D	Dimension ²⁾ / Weight H x W x D				
		Cool		Heat									
		UK Total / Sensible		UK Total / at -7 °C									
		kW	kW	kW	kW								
								mm / kg	mm / kg	£			
1ph	2.5 kW	KIT-Z25-YKEA	2.50	2.49/1.90	3.40	3.78/3.05	9.5 A+++	4.6 A++	CS-Z25YKEA	295 x 870 x 229 / 11	CU-Z25YKEA	542 x 780 x 289 / 30	1,227
	3.5 kW	KIT-Z35-YKEA	3.50	3.48/2.66	4.00	4.62/3.40	9.6 A+++	4.6 A++	CS-Z35YKEA	295 x 870 x 229 / 11	CU-Z35YKEA	542 x 780 x 289 / 30	1,406
	4.2 kW	KIT-Z42-YKEA	4.20	4.18/3.19	5.30	5.04/4.11	8.6 A+++	4.5 A+	CS-Z42YKEA	295 x 870 x 229 / 11	CU-Z42YKEA	542 x 780 x 289 / 30	1,683
	5.0 kW	KIT-Z50-YKEA	5.00	4.66/4.25	5.80	5.62/4.80	8.6 A+++	4.6 A++	CS-Z50YKEA	295 x 1040 x 244 / 12	CU-Z50YKEA	695 x 875 x 320 / 40	1,775
	7.1 kW	KIT-Z71-YKEA	7.10	6.55/5.20	8.20	6.94/6.31	6.5 A++	4.1 A+	CS-Z71YKEA	295 x 1040 x 244 / 13	CU-Z71YKEA	695 x 875 x 320 / 45	2,404

Piping information						
Kit	kW	2.5	3.5	4.2	5.0	7.1
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8
Pipe length range	m	3 ~ 20	3 ~ 20	3 ~ 20	3 ~ 30	3 ~ 30
Elevation difference (in / out)	m	15	15	15	15	20
Pre-charged pipe length	m	7.5	7.5	7.5	7.5	10
Additional gas amount	g/m	10	10	10	15	25

Electrical information (power supply to indoor)						
Single phase						
Kit	kW	2.5	3.5	4.2	5.0	7.1
Recommended fuse	A	16	16	16	16	20
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5

1) Energy Label Scale from A+++ to D. 2) Add 70 mm for piping port. * Not compatible with PACi NX outdoors and accessories. Domestic range sales conditions may apply. Check with your sales representative.

PACi NX Series

PACi NX Series Standard wall-mounted - PK3 · R32

Modern design with flat face.

nanoe™ X (Generator Mark 2).

Operation range up to 43 °C in cooling and down to -15 °C in heating.



Kit (CZ-RTC5B remote controller XXX € included)									Indoor unit		Outdoor unit		RRP
			Nominal capacity				SEER ¹⁾	SCOP ¹⁾		Dimension / Weight		Dimension / Weight	
			Cool		Heat					H x W x D		H x W x D	
			UK Total / Sensible		UK Total / at -7 °C								
			kW	kW	kW	kW			mm / kg		mm / kg	£	
1ph	3.6 kW	KIT-36PK3Z5	3.6	3.4/2.4	3.6	4.0/3.2	7.6 A++	4.5 A+	S-3650PK3E	302 x 1120 x 236 / 13	U-36PZ3E5	619 x 824 x 299 / 32	1,805
	5.0 kW	KIT-50PK3Z5	5.0	4.8/3.2	5.0	5.6/4.6	7.4 A++	4.4 A+	S-3650PK3E	302 x 1120 x 236 / 13	U-50PZ3E5	619 x 824 x 299 / 35	2,051
	6.0 kW	KIT-60PK3Z5	6.1	6.0/4.0	6.1	6.3/5.4	7.0 A++	4.7 A++	S-6010PK3E	302 x 1120 x 236 / 14	U-60PZ3E5A	695 x 875 x 320 / 42	2,307
	7.1 kW	KIT-71PK3Z5	7.1	6.7/4.4	7.1	7.1/5.8	5.8 A+	4.4 A+	S-6010PK3E	302 x 1120 x 236 / 14	U-71PZ3E5A	695 x 875 x 320 / 50	2,629
	10.0 kW	KIT-100PK3Z5	9.0	9.0/5.6	9.0	9.7/8.8	6.5 A++	3.9 A	S-6010PK3E	302 x 1120 x 236 / 14	U-100PZ3E5	996 x 980 x 370 / 83	2,945
3ph	10.0 kW	KIT-100PK3Z8	9.0	9.0/5.6	9.0	9.7/8.8	6.5 A++	3.9 A	S-6010PK3E	302 x 1120 x 236 / 14	U-100PZ3E8	996 x 980 x 370 / 83	3,051

Piping information					
Kit	kW	3.6	5.0	6.0	7.1
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8
Pipe length range	m	3 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40
Elevation difference (in / out) ²⁾	m	15/15	15/15	15/30	20/30
Pre-charged pipe length	m	7.5	7.5	30	30
Additional gas amount	g/m	10	15	15	17

Electrical information (power supply to outdoor)							
Single phase							
Kit	kW	3.6	5.0	6.0	7.1	10.0	10.0
Recommended fuse	A	20	20	25	25	35	16
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5	4 x 2.5

1) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{sc} / η_{sh} values is calculated based on EN 14825.
2) Outdoor unit located lower / outdoor unit located higher.

PACi NX Series

PACi NX Series Elite wall-mounted - PK3 · R32

Modern design with flat face.

nanoe™ X (Generator Mark 2).

Operation range up to 52 °C¹⁾ in cooling and down to -20 °C in heating.



nanoeX



New 2023



Kit (CZ-RTC5B remote controller XXX £ included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER ²⁾	SCOP ²⁾		Dimension / Weight H x W x D		Dimension / Weight H x W x D		
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C								
		kW	kW	kW	kW				mm / kg		mm / kg	£	
1ph	3.6 kW KIT-36PK3ZH5	3.6	3.5/2.4	4.0	4.5/3.9	8.4 A++	4.9 A++	S-3650PK3E	302 x 1120 x 236 / 13	U-36PZH3E5	695 x 875 x 320 / 42	2,177	
	5.0 kW KIT-50PK3ZH5	5.0	4.9/3.4	5.6	5.9/5.0	8.0 A++	4.7 A++	S-3650PK3E	302 x 1120 x 236 / 13	U-50PZH3E5	695 x 875 x 320 / 42	2,385	
	6.0 kW KIT-60PK3ZH5	6.1	6.0/4.0	7.0	7.2/6.2	7.2 A++	4.8 A++	S-6010PK3E	302 x 1120 x 236 / 14	U-60PZH3E5	695 x 875 x 320 / 43	2,785	
	7.1 kW KIT-71PK3ZH45	7.1	8.1/5.8	8.0	8.0/6.8	6.8 A++	4.7 A++	S-6010PK3E	302 x 1120 x 236 / 14	U-71PZH4E5	996 x 980 x 370 / 66	3,272	
	10.0 kW KIT-100PK3ZH45	9.5	9.4/6.6	9.5	10.1/8.4	6.4 A++	3.9 A	S-6010PK3E	302 x 1120 x 236 / 14	U-100PZH4E5	996 x 980 x 340 / 84	3,809	
3ph	7.1 kW KIT-71PK3ZH48	7.1	8.1/5.8	8.0	8.0/6.8	6.7 A++	4.7 A++	S-6010PK3E	302 x 1120 x 236 / 14	U-71PZH4E8	996 x 980 x 370 / 66	3,330	
	10.0 kW KIT-100PK3ZH48	9.5	9.4/6.6	9.5	10.1/8.4	6.3 A++	3.9 A	S-6010PK3E	302 x 1120 x 236 / 14	U-100PZH4E8	996 x 980 x 340 / 84	3,849	

Piping information

Kit	kW	3.6	5.0	6.0	7.1	10.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
Pipe length range	m	3~40	3~40	3~40	5~60	5~100 ⁴⁾
Elevation difference (in / out) ³⁾	m	15/30	15/30	15/30	15/30	15/30
Pre-charged pipe length	m	30	30	30	30	30
Additional gas amount	g/m	15	15	15	45	45

Electrical information (power supply to outdoor)

Kit	kW	Single phase				Three phase			
		3.6	5.0	6.0	7.1	10.0	7.1	10.0	
Recommended fuse	A	20	20	25	25	35	16	16	
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5	4 x 2.5	4 x 2.5	4 x 2.5	

1) For models U-***PZH4E5(8). 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 3) Outdoor unit located lower / outdoor unit located higher. 4) Total piping length is 100 m but maximum wiring length is 85 m. Piping length maybe limited depending on the wiring length.

PACi NX Series Standard and Elite 4 way 60x60 cassette - PY3 · R32

nanoe™ X (Generator Mark 2).

Panel (H x W x D / net weight): 30 x 625 x 625 mm / 2.8 kg.



nanoeX



Kit (CZ-RTC5B remote controller XXX £ and CZ-KPY4 panel XXX £ included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER ¹⁾	SCOP ¹⁾		Dimension / Weight H x W x D		Dimension / Weight H x W x D		
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C								
		kW	kW	kW	kW								
									mm / kg		mm / kg	£	
Standard													
1ph	2.5 kW	KIT-25PY3Z5	2.5	2.4 / 1.6	3.2	4.0 / 3.2	6.5 A++	4.6 A++	S-25PY3E	243 x 575 x 575 / 15	U-25PZ3E5	619 x 824 x 299 / 32	1,865
	3.6 kW	KIT-36PY3Z5	3.6	3.4 / 2.3	3.6	4.0 / 3.2	6.7 A++	4.3 A+	S-36PY3E	243 x 575 x 575 / 15	U-36PZ3E5	619 x 824 x 299 / 32	1,963
	5.0 kW	KIT-50PY3Z5	5.0	4.8 / 3.0	5.0	5.6 / 4.6	7.3 A++	4.4 A+	S-50PY3E	243 x 575 x 575 / 15	U-50PZ3E5	619 x 824 x 299 / 35	2,307
	6.0 kW	KIT-60PY3Z5	6.0	5.9 / 3.7	6.0	6.3 / 5.4	6.8 A++	4.2 A+	S-60PY3E	243 x 575 x 575 / 15	U-60PZ3E5A	695 x 875 x 320 / 46	2,500
Elite													
1ph	3.6 kW	KIT-36PY3ZH5	3.6	3.5 / 2.3	4.0	4.5 / 3.9	7.3 A++	4.7 A++	S-36PY3E	243 x 575 x 575 / 15	U-36PZH3E5	695 x 875 x 320 / 42	2,335
	5.0 kW	KIT-50PY3ZH5	5.0	4.9 / 3.1	5.6	5.8 / 5.0	7.0 A++	4.6 A++	S-50PY3E	243 x 575 x 575 / 15	U-50PZH3E5	695 x 875 x 320 / 42	2,641
	6.0 kW	KIT-60PY3ZH5	6.0	5.9 / 3.7	7.0	6.7 / 5.8	6.7 A++	4.3 A+	S-60PY3E	243 x 575 x 575 / 15	U-60PZH3E5	695 x 875 x 320 / 43	2,978

Piping information

		Elite				Standard			
Kit	kW	3.6	5.0	6.0	2.5	3.6	5.0	6.0	
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	
Pipe length range	m	3~40	3~40	3~40	3~15	3~15	3~20	3~40	
Elevation difference (in / out) ²⁾	m	15/30	15/30	15/30	15/15	15/15	15/15	15/30	
Pre-charged pipe length	m	30	30	30	7.5	7.5	7.5	30	
Additional gas amount	g/m	15	15	15	10	10	15	15	

Electrical information (power supply to outdoor)

Kit	kW	Single phase			
		2.5	3.6	5.0	6.0
Recommended fuse	A	16	16	16	16
Connection in. / out.	mm ²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5

1) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 2) Outdoor unit located lower / outdoor unit located higher.

PACi NX Series

PACi NX Series Standard 4 way 90x90 cassette - PU3 · R32

nanoe™ X (Generator Mark 1).

Panel (H x W x D / net weight): 33.5 x 950 x 950 mm / 5 kg.

Advanced Econavi function available (optional panel: CZ-KPU3AW).

Operation range up to 43 °C in cooling and down to -15 °C in heating.



Kit (CZ-RTC5B remote controller XXX £ and CZ-KPU3W panel XXX £ included)								Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / $\eta_{s,c}$ ¹⁾	SCOP / $\eta_{s,h}$ ¹⁾		Dimension / Weight H x W x D mm / kg		Dimension / Weight H x W x D mm / kg	RRP £
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C							
		kW	kW	kW	kW							
1ph	3.6 kW KIT-36PU3Z5	3.6	3.4/2.6	3.6	4.0/3.2	8.1 A++	4.8 A++	S-3650PU3E	256 x 840 x 840 / 19	U-36PZ3E5	619 x 824 x 299 / 32	1,821
	5.0 kW KIT-50PU3Z5	5.0	4.8/3.3	5.0	5.6/4.6	8.0 A++	4.7 A++	S-3650PU3E	256 x 840 x 840 / 19	U-50PZ3E5	619 x 824 x 299 / 35	2,067
	6.0 kW KIT-60PU3Z5	6.0	5.9/4.1	6.0	6.3/5.4	7.8 A++	4.9 A++	S-6071PU3E	256 x 840 x 840 / 20	U-60PZ3E5A	695 x 875 x 320 / 42	2,400
	7.1 kW KIT-71PU3Z5	7.1	6.7/4.4	7.1	7.1/5.8	6.8 A++	4.6 A++	S-6071PU3E	256 x 840 x 840 / 20	U-71PZ3E5A	695 x 875 x 320 / 50	2,722
	10.0 kW KIT-100PU3Z5	10.0	10.7/7.6	10.0	13.0/11.8	6.8 A++	4.4 A+	S-1014PU3E	319 x 840 x 840 / 25	U-100PZ3E5	996 x 980 x 370 / 83	3,136
	12.5 kW KIT-125PU3Z5	12.5	12.6/8.4	12.5	14.7/14.5	267.0%	157.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZ3E5	996 x 980 x 370 / 87	3,469
	14.0 kW KIT-140PU3Z5	14.0	13.9/9.2	14.0	15.4/14.7	257.0%	152.2%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZ3E5	996 x 980 x 370 / 87	4,151
3ph	10.0 kW KIT-100PU3Z8	10.0	10.7/7.6	10.0	13.0/11.8	6.7 A++	4.4 A+	S-1014PU3E	319 x 840 x 840 / 25	U-100PZ3E8	996 x 980 x 370 / 83	3,242
	12.5 kW KIT-125PU3Z8	12.5	12.6/8.4	12.5	14.7/14.5	265.8%	157.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZ3E8	996 x 980 x 370 / 87	3,534
	14.0 kW KIT-140PU3Z8	14.0	13.9/9.2	14.0	15.4/14.7	256.2%	152.2%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZ3E8	996 x 980 x 370 / 87	4,184

Piping information								
Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pipe length range	m	3~15	3~20	3~40	3~40	5~50	5~50	5~50
Elevation difference (in / out) ²⁾	m	15/15	15/15	15/30	20/30	15/30	15/30	15/30
Pre-charged pipe length	m	7.5	7.5	30	30	30	30	30
Additional gas amount	g/m	10	15	15	17	45	45	45

Electrical information (power supply to outdoor)												
Kit	kW	Single phase						Three phase				
		3.6	5.0	6.0	7.1	10.0	12.5	14.0	10.0	12.5	14.0	
Recommended fuse	A	20	20	25	25	35	40	40	16	16	16	
Connection in. / out.	mm ²	4 x 1.5			4 x 2.5			4 x 2.5				

1) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825.

2) Outdoor unit located lower / outdoor unit located higher.

PACi NX Series Elite 4 way 90x90 cassette - PU3 · R32

nanoe™ X (Generator Mark 1).

Panel (H x W x D / net weight): 33.5 x 950 x 950 mm / 5 kg.

Advanced Econavi function available (optional panel: CZ-KPU3AW).

Operation range up to 52 °C ¹⁾ in cooling and down to -20 °C in heating.



Kit (CZ-RTC5B remote controller XXX £ and CZ-KPU3W panel XXX £ included)								Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / $\eta_{s,c}$ ²⁾	SCOP / $\eta_{s,h}$ ²⁾		Dimension / Weight H x W x D mm / kg		Dimension / Weight H x W x D mm / kg	RRP £
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C							
		kW	kW	kW	kW							
1ph	3.6 kW KIT-36PU3ZH5	3.6	3.5/2.6	4.0	4.5/3.9	8.9 A+++	5.1 A+++	S-3650PU3E	256 x 840 x 840 / 19	U-36PZH3E5	695 x 875 x 320 / 42	2,193
	5.0 kW KIT-50PU3ZH5	5.0	4.9/3.4	5.6	5.9/5.1	8.6 A+++	4.9 A++	S-3650PU3E	256 x 840 x 840 / 19	U-50PZH3E5	695 x 875 x 320 / 42	2,401
	6.0 kW KIT-60PU3ZH5	6.0	5.9/4.1	7.0	7.2/6.2	8.0 A++	4.8 A++	S-6071PU3E	256 x 840 x 840 / 20	U-60PZH3E5	695 x 875 x 320 / 43	2,878
	7.1 kW KIT-71PU3ZH45	7.1	8.1/6.2	8.0	8.3/7.4	7.7 A++	4.8 A++	S-6071PU3E	256 x 840 x 840 / 20	U-71PZH4E5	996 x 980 x 370 / 66	3,365
	10.0 kW KIT-100PU3ZH45	10.0	11.2/9.1	11.2	12.7/11.0	7.8 A++	4.9 A++	S-1014PU3E	319 x 840 x 840 / 25	U-100PZH4E5	996 x 980 x 370 / 84	4,000
	12.5 kW KIT-125PU3ZH45	12.5	12.5/9.9	14.0	14.6/12.8	304.3%	186.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZH4E5	996 x 980 x 370 / 86	4,304
	14.0 kW KIT-140PU3ZH45	14.0	14.3/10.9	16.0	16.4/14.4	286.6%	181.2%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZH4E5	996 x 980 x 370 / 86	4,794
3ph	7.1 kW KIT-71PU3ZH48	7.1	8.1/6.2	8.0	8.3/7.4	7.6 A++	4.8 A++	S-6071PU3E	256 x 840 x 840 / 20	U-71PZH4E8	996 x 980 x 370 / 82	3,423
	10.0 kW KIT-100PU3ZH48	10.0	11.2/9.1	11.2	12.7/11.0	7.7 A++	4.9 A++	S-1014PU3E	319 x 840 x 840 / 25	U-100PZH4E8	996 x 980 x 370 / 84	4,040
	12.5 kW KIT-125PU3ZH48	12.5	12.5/9.9	14.0	14.6/12.8	303.3%	186.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZH4E8	996 x 980 x 370 / 84	4,434
	14.0 kW KIT-140PU3ZH48	14.0	14.3/10.9	16.0	16.4/14.4	285.6%	181.1%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZH4E8	996 x 980 x 370 / 84	5,149

Piping information								
Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pipe length range	m	3~40	3~40	3~40	5~60	5~100 ⁴⁾	5~100 ⁴⁾	5~100 ⁴⁾
Elevation difference (in / out) ³⁾	m	15/30	15/30	15/30	15/30	15/30	15/30	15/30
Pre-charged pipe length	m	30	30	30	30	30	30	30
Additional gas amount	g/m	15	15	15	45	45	45	45

Electrical information (power supply to outdoor)												
Kit	kW	Single phase						Three phase				
		3.6	5.0	6.0	7.1	10.0	12.5	14.0	10.0	12.5	14.0	
Recommended fuse	A	20	20	25	25	35	40	40				
Connection in. / out.	mm ²	4 x 1.5			4 x 2.5			4 x 2.5				
Recommended fuse	A	—	—	—	16	16	16	16				
Connection in. / out.	mm ²	—	—	—	4 x 2.5							

1) For models U-***PZH4E5(8). 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 3) Outdoor unit located lower / outdoor unit located higher. 4) Total piping length is 100 m but maximum wiring length is 85 m. Piping length may be limited depending on the wiring length.

PACi NX Series

PACi NX Series Standard ceiling - PT3 · R32

Large and wide air distribution good for big rooms.
nanoe™ X (Generator Mark 2).

Operation range up to 43 °C in cooling and down to -15 °C in heating.



Kit (CZ-RTC5B remote controller XXX £ included)								Indoor unit		Outdoor unit		RRP	
		Nominal capacity				SEER / η _{s,c} ¹¹	SCOP / η _{s,h} ¹¹		Dimension / Weight H x W x D		Dimension / Weight H x W x D		
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C								
		kW	kW	kW	kW			mm / kg		mm / kg		£	
1ph	3.6 kW	KIT-36PT3Z5	3.5	3.3/2.4	3.5	4.0/3.2	7.2 A++	4.4 A+	S-3650PT3E	235x960x690/26	U-36PZ3E5	619x824x299/32	1,904
	5.0 kW	KIT-50PT3Z5	5.0	4.8/3.2	5.0	5.6/4.6	6.7 A++	4.1 A+	S-3650PT3E	235x960x690/26	U-50PZ3E5	619x824x299/35	2,150
	6.0 kW	KIT-60PT3Z5	6.0	5.9/4.0	6.0	6.3/5.4	7.3 A++	4.6 A++	S-6071PT3E	235x1275x690/34	U-60PZ3E5A	695x875x320/42	2,412
	7.1 kW	KIT-71PT3Z5	6.8	6.5/4.3	6.8	7.1/5.8	5.9 A+	4.3 A+	S-6071PT3E	235x1275x690/34	U-71PZ3E5A	695x875x320/50	2,734
	10.0 kW	KIT-100PT3Z5	10.0	10.7/7.1	10.0	13.0/11.8	6.6 A++	4.2 A+	S-1014PT3E	235x1590x690/40	U-100PZ3E5	996x980x370/83	3,352
	12.5 kW	KIT-125PT3Z5	12.5	12.6/8.2	12.5	14.7/14.5	241.7%	147.4%	S-1014PT3E	235x1590x690/40	U-125PZ3E5	996x980x370/87	3,685
3ph	14.0 kW	KIT-140PT3Z5	14.0	13.9/8.9	14.0	15.4/14.7	228.8%	145.3%	S-1014PT3E	235x1590x690/40	U-140PZ3E5	996x980x370/87	4,367
	10.0 kW	KIT-100PT3Z8	10.0	10.7/7.1	10.0	13.0/11.8	6.5 A++	4.2 A+	S-1014PT3E	235x1590x690/40	U-100PZ3E8	996x980x370/83	3,458
	12.5 kW	KIT-125PT3Z8	12.5	12.6/8.2	12.5	14.7/14.5	240.9%	147.4%	S-1014PT3E	235x1590x690/40	U-125PZ3E8	996x980x370/87	3,750
	14.0 kW	KIT-140PT3Z8	14.0	13.9/8.9	14.0	15.4/14.7	228.1%	145.3%	S-1014PT3E	235x1590x690/40	U-140PZ3E8	996x980x370/87	4,400

Piping information

Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pipe length range	m	3~15	3~20	3~40	3~40	5~50	5~50	5~50
Elevation difference (in / out) ²⁾	m	15/15	15/15	15/30	20/30	15/30	15/30	15/30
Pre-charged pipe length	m	7.5	7.5	30	30	30	30	30
Additional gas amount	g/m	10	15	15	17	45	45	45

Electrical information (power supply to outdoor)

Electrical information (power supply to outdoor)												
Kit	kW	Single phase							Three phase			
		3.6	5.0	6.0	7.1	10.0	12.5	14.0	7.1	10.0	12.5	14.0
Recommended fuse	A	20	20	25	25	35	40	40	16	16	16	16
Connection in. / out.	mm ²	4 x 1.5			4 x 2.5				4 x 2.5			

1) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825.
2) Outdoor unit located lower / outdoor unit located higher.

PACi NX Series Elite ceiling - PT3 · R32

Large and wide air distribution good for big rooms.
nanoe™ X (Generator Mark 2).

Operation range up to 52 °C ¹⁾ in cooling and down to -20 °C in heating.



Kit [CZ-RTC5B remote controller XXX £ included]									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / η _{s,c} ²¹	SCOP / η _{s,h} ²¹	Dimension / Weight H x W x D		Dimension / Weight H x W x D			
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C								
		kW	kW	kW	kW			mm / kg		mm / kg		£	
1ph	3.6 kW	KIT-36PT3ZH5	3.5	3.4/2.5	4.0	4.5/3.9	7.7 A++	4.9 A++	S-3650PT3E	235x960x690/26	U-36PZH3E5	695x875x320/42	2,276
	5.0 kW	KIT-50PT3ZH5	5.0	4.9/3.3	5.6	5.8/50	7.4 A++	4.8 A++	S-3650PT3E	235x960x690/26	U-50PZH3E5	695x875x320/42	2,484
	6.0 kW	KIT-60PT3ZH5	6.0	5.9/4.0	7.0	7.2/6.2	7.5 A++	4.8 A++	S-6071PT3E	235x1275x690/34	U-60PZH3E5	695x875x320/43	2,890
	7.1 kW	KIT-71PT3ZH45	6.8	8.1/6.0	8.0	8.0/6.8	7.3 A++	4.7 A++	S-6071PT3E	235x1275x690/34	U-71PZH4E5	996x980x370/66	3,377
	10.0 kW	KIT-100PT3ZH45	9.5	11.2/8.5	11.2	12.3/10.2	7.3 A++	4.5 A+	S-1014PT3E	235x1590x690/40	U-100PZH4E5	996x980x370/84	4,216
	12.5 kW	KIT-125PT3ZH45	12.1	12.5/9.5	14.0	14.2/11.9	278.4%	175.6%	S-1014PT3E	235x1590x690/40	U-125PZH4E5	996x980x370/86	4,520
	14.0 kW	KIT-140PT3ZH45	13.4	14.3/10.3	16.0	15.9/13.3	263.3%	169.3%	S-1014PT3E	235x1590x690/40	U-140PZH4E5	996x980x370/86	5,010
3ph	7.1 kW	KIT-71PT3ZH48	6.8	8.1/6.0	8.0	8.0/6.8	7.2 A++	4.7 A++	S-6071PT3E	235x1275x690/34	U-71PZH4E8	996x980x370/82	3,435
	10.0 kW	KIT-100PT3ZH48	9.5	11.2/8.5	11.2	12.3/10.2	7.2 A++	4.5 A+	S-1014PT3E	235x1590x690/40	U-100PZH4E8	996x980x370/84	4,256
	12.5 kW	KIT-125PT3ZH48	12.1	12.5/9.5	14.0	14.2/11.9	277.3%	175.6%	S-1014PT3E	235x1590x690/40	U-125PZH4E8	996x980x370/84	4,650
	14.0 kW	KIT-140PT3ZH48	13.4	14.3/10.3	16.0	15.9/13.3	262.4%	169.3%	S-1014PT3E	235x1590x690/40	U-140PZH4E8	996x980x370/84	5,365

Piping information

Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pipe length range	m	3~40	3~40	3~40	5~60	5~100 ⁴⁾	5~100 ⁴⁾	5~100 ⁴⁾
Elevation difference (in / out) ³⁾	m	15/30	15/30	15/30	15/30	15/30	15/30	15/30
Pre-charged pipe length	m	30	30	30	30	30	30	30
Additional gas amount	g/m	15	15	15	45	45	45	45

Electrical information (power supply to outdoor)

		Single phase							
Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0	
Recommended fuse	A	20	20	25	25	35	40	40	
Connection in. / out.	mm ²	4 x 1.5			4 x 2.5				
		Three phase							
Recommended fuse	A	—	—	—	16	16	16	16	
Connection in. / out.	mm ²	—			4 x 2.5				

1) For models U-***PZH4E5(8). 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 3) Outdoor unit located lower / outdoor unit located higher. 4) Total piping length is 100 m but maximum wiring length is 85 m. Piping length maybe limited depending on the wiring length.

PACi NX Series

PACi NX Series Standard adaptive ducted unit - PF3 · R32

2 installation possibilities (horizontal / vertical) with high ESP 150 Pa. nanoe™ X (Generator Mark 2).

Operation range up to 43 °C in cooling and down to -15 °C in heating.



Kit (CZ-RTC5B remote controller XXX £ included)								Indoor unit		Outdoor unit		RRP	
		Nominal capacity				SEER / η _{s,c} ¹⁾	SCOP / η _{s,h} ¹⁾	Dimension / Weight H x W x D	Dimension / Weight H x W x D				
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C								
		kW	kW	kW	kW								
							mm / kg		mm / kg	£			
1ph	3.6 kW	KIT-36PF3Z5	3.4	3.2/2.3	3.4	4.0/3.2	6.0 A+	4.0 A+	S-3650PF3E	250x800x730/25	U-36PZ3E5	619x824x299/32	1,914
	5.0 kW	KIT-50PF3Z5	5.0	4.8/3.1	5.0	5.2/4.3	6.5 A++	4.0 A+	S-3650PF3E	250x800x730/25	U-50PZ3E5	619x824x299/35	2,160
	6.0 kW	KIT-60PF3Z5	5.7	5.6/3.7	5.7	6.3/5.4	6.4 A++	4.4 A+	S-6071PF3E	250x1000x730/30	U-60PZ3E5A	695x875x320/42	2,395
	7.1 kW	KIT-71PF3Z5	6.8	6.5/4.2	6.8	7.1/5.8	6.0 A+	4.1 A+	S-6071PF3E	250x1000x730/30	U-71PZ3E5A	695x875x320/50	2,717
	10.0 kW	KIT-100PF3Z5	9.5	10.6/7.3	9.5	12.5/11.3	6.6 A++	3.9 A	S-1014PF3E	250x1400x730/39	U-100PZ3E5	996x980x370/83	3,357
	12.5 kW	KIT-125PF3Z5	12.1	12.6/8.2	12.1	14.7/14.5	257.4%	142.6%	S-1014PF3E	250x1400x730/39	U-125PZ3E5	996x980x370/87	3,690
	14.0 kW	KIT-140PF3Z5	13.4	13.9/9.0	13.4	15.4/14.7	252.2%	140.6%	S-1014PF3E	250x1400x730/39	U-140PZ3E5	996x980x370/87	4,372
3ph	10.0 kW	KIT-100PF3Z8	9.5	10.6/7.3	9.5	12.5/11.3	6.5 A++	3.9 A	S-1014PF3E	250x1400x730/39	U-100PZ3E8	996x980x370/83	3,463
	12.5 kW	KIT-125PF3Z8	12.1	12.6/8.2	12.1	14.7/14.5	256.2%	142.6%	S-1014PF3E	250x1400x730/39	U-125PZ3E8	996x980x370/87	3,755
	14.0 kW	KIT-140PF3Z8	13.4	13.9/9.0	13.4	15.4/14.7	251.4%	140.6%	S-1014PF3E	250x1400x730/39	U-140PZ3E8	996x980x370/87	4,405

Piping information									
Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0	
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	
Pipe length range	m	3~15	3~20	3~40	3~40	5~50	5~50	5~50	
Elevation difference (in / out) ²⁾	m	15/15	15/15	15/30	20/30	15/30	15/30	15/30	
Pre-charged pipe length	m	7.5	7.5	30	30	30	30	30	
Additional gas amount	g/m	10	15	15	17	45	45	45	

Electrical information (power supply to outdoor)												
Kit	kW	Single phase						Three phase				
		3.6	5.0	6.0	7.1	10.0	12.5	14.0	10.0	12.5	14.0	
Recommended fuse	A	20	20	25	25	35	40	40	16	16	16	
Connection in. / out.	mm ²	4 x 1.5			4 x 2.5			4 x 2.5				

1) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825.

2) Outdoor unit located lower / outdoor unit located higher.

PACi NX Series Elite adaptive ducted unit - PF3 · R32

2 installation possibilities (horizontal / vertical) with high ESP 150 Pa. nanoe™ X (Generator Mark 2).

Operation range up to 52 °C ¹⁾ in cooling and down to -20 °C in heating.



Kit (CZ-RTC5B remote controller XXX £ included)								Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / η _{s,c} ²⁾	SCOP / η _{s,h} ²⁾	Dimension / Weight H x W x D	Dimension / Weight H x W x D			
		Cool	UK Total / Sensible	Heat	UK Total / at -7 °C							
		kW	kW	kW	kW							
1ph	3.6 kW KIT-36PF3ZH5	3.6	3.5/2.4	4.0	4.5/3.9	6.8 A++	4.5 A+	S-3650PF3E	250x800x730/25	U-36PZH3E5	695x875x320/42	2,286
	5.0 kW KIT-50PF3ZH5	5.0	4.9/3.2	5.6	5.8/5.0	6.1 A++	4.2 A+	S-3650PF3E	250x800x730/25	U-50PZH3E5	695x875x320/42	2,494
	6.0 kW KIT-60PF3ZH5	5.7	5.6/3.7	7.0	7.2/6.2	7.1 A++	4.4 A+	S-6071PF3E	250x1000x730/30	U-60PZH3E5	695x875x320/43	2,873
	7.1 kW KIT-71PF3ZH45	6.8	7.1/5.5	7.5	8.0/6.8	7.1 A++	4.7 A++	S-6071PF3E	250x1000x730/30	U-71PZH4E5	996x980x370/66	3,360
	10.0 kW KIT-100PF3ZH45	9.5	10.2/8.2	10.8	11.9/9.8	7.4 A++	4.3 A+	S-1014PF3E	250x1400x730/39	U-100PZH4E5	996x980x370/84	4,221
	12.5 kW KIT-125PF3ZH45	12.1	12.1/9.3	13.5	13.6/11.4	281.7%	165.0%	S-1014PF3E	250x1400x730/39	U-125PZH4E5	996x980x370/86	4,525
	14.0 kW KIT-140PF3ZH45	13.4	13.7/10.1	15.5	15.4/12.9	275.9%	162.6%	S-1014PF3E	250x1400x730/39	U-140PZH4E5	996x980x370/86	5,015
3ph	7.1 kW KIT-71PF3ZH48	6.8	7.1/5.5	7.5	8.0/6.8	7.1 A++	4.7 A++	S-6071PF3E	250x1000x730/30	U-71PZH4E8	996x980x370/82	3,418
	10.0 kW KIT-100PF3ZH48	9.5	10.2/8.2	10.8	11.9/9.8	7.4 A++	4.5 A+	S-1014PF3E	250x1400x730/39	U-100PZH4E8	996x980x370/84	4,261
	12.5 kW KIT-125PF3ZH48	12.1	12.1/9.3	13.5	13.6/11.4	281.0%	165.0%	S-1014PF3E	250x1400x730/39	U-125PZH4E8	996x980x370/84	4,655
	14.0 kW KIT-140PF3ZH48	13.4	13.7/10.1	15.5	15.4/12.9	275.2%	162.6%	S-1014PF3E	250x1400x730/39	U-140PZH4E8	996x980x370/84	5,370

Piping information									
Kit	kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0	
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	
Pipe length range	m	3~40	3~40	3~40	5~60	5~100 ⁴⁾	5~100 ⁴⁾	5~100 ⁴⁾	
Elevation difference (in / out) ³⁾	m	15/30	15/30	15/30	15/30	15/30	15/30	15/30	
Pre-charged pipe length	m	30	30	30	30	30	30	30	
Additional gas amount	g/m	15	15	15	45	45	45	45	

Electrical information (power supply to outdoor)												
Kit	kW	Single phase						Three phase				
		3.6	5.0	6.0	7.1	10.0	12.5	14.0	10.0	12.5	14.0	
Recommended fuse	A	20	20	25	25	35	40	40				
Connection in. / out.	mm ²	4 x 1.5			4 x 2.5			4 x 2.5				
Recommended fuse	A	—	—	—	16	16	16	16				
Connection in. / out.	mm ²	—	—	—	4 x 2.5							

1) For models U-***PZH4E5(8). 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 3) Outdoor unit located lower / outdoor unit located higher. 4) Total piping length is 100 m but maximum wiring length is 85 m. Piping length may be limited depending on the wiring length.

Panasonic Big PACi

Panasonic Big PACi high static pressure hide-away 20.0-25.0 kW · R32

Easy pipe work with split-able hide-away indoor design.
High external static pressure, maximum 200 Pa setting.



Kit (CZ-RTC5B remote controller XXX € included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / η _{s,c} ¹⁾	SCOP / η _{s,h} ¹⁾	Dimension / Weight		Dimension ²⁾ / Weight			
		Cool	UK Total / Sensible	Heat	UK Total			H x W x D		H x W x D			
		kW	kW	kW	kW			mm / kg		mm / kg		€	
3ph	20.0 kW	KIT-200PE3ZH8	19.5	20.8/14.0	22.4	24.41	207.0%	141.3%	S-200PE3E5B	486 x 1456 x 916/86	U-200PZH2E8	1500 x 980 x 370/117	7,333
	25.0 kW	KIT-250PE3ZH8	23.2	26.9/17.4	28.0	28.31	190.6%	142.7%	S-250PE3E5B	486 x 1456 x 916/88	U-250PZH2E8	1500 x 980 x 370/128	8,341

Piping information

Kit	kW	20.0	25.0
Piping diameter (liquid - gas)	Inch	3/8 - 1 1/8	1/2 - 1 1/8
Pipe length range	m	5 - 90	5 - 60
Elevation difference (in / out) ³⁾	m	30	30
Pre-charged pipe length	m	30	30
Additional gas amount	g/m	60	80

Electrical information (power supply to outdoor)

Three phase			
Kit	kW	20.0	25.0
Recommended fuse	A	16	20
Connection in. / out.	mm ²	—	—

1) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825.
2) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port. 3) Outdoor unit located lower / outdoor unit located higher. * No filter included.

CONEX. Devices and apps.

CONEX provides comfort and control for varying user needs.
Accessible, flexible and scalable with different controllers and apps.
Perfectly meeting requirements of modern controls for end user,
installer and service. With nanoe™ X function, technology with the
benefits of hydroxyl radicals.

New 2023



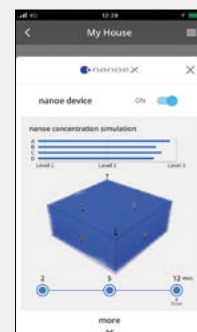
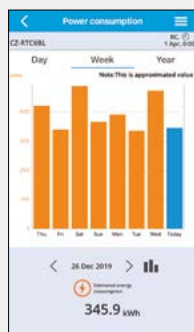
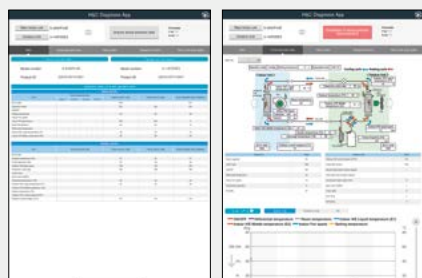
Panasonic H&C Diagnosis App
for service and installer.
Tool for diagnosis and
troubleshooting.



Panasonic H&C Control App for
end user, service and installer.
Detailed operation setting.
Detailed maintenance setting.



Panasonic Comfort Cloud App
for end user.
Remote operation via Wi-Fi.



Model reference	Description	RRP £
CZ-RTC6W*	CONEX wired remote controller (nonwireless), white	157
CZ-RTC6WBL*	CONEX wired remote controller with Bluetooth®, white	187
CZ-RTC6WBLW*	CONEX wired remote controller with Wi-Fi and Bluetooth®, white	263

Model reference	Description	RRP £
CZ-RTC6	CONEX wired remote controller (nonwireless), black	157
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black	187
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black	263

* Available in Autumn 2023.

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 / Energy Labelling, please visit our websites www.panasonic.co.uk/aircon or www.ptc.panasonic.eu.

Low temperature compatible unit configurations

PACi NX Series Elite wall-mounted - PK3 · R32

For light refrigeration applications.



Low temperature	Kit	Indoor unit	Outdoor unit	Remote controller	RRP	
					Kit 1ph £	Kit 3ph £
36	KIT-NXLT36PK3	S-6010PK3E	U-36PZH3E5	CZ-RTC6	2,423	—
50	KIT-NXLT50PK3	S-6010PK3E	U-50PZH3E5	CZ-RTC6	2,631	—
60	KIT-NXLT60PK3	S-6010PK3E	U-60PZH3E5	CZ-RTC6	2,785	—
71	KIT-NXLT71PK3 / -3PH	S-6010PK3Ex2	U-71PZH4E5/8	CZ-RTC6	4,433	4,491
100	KIT-NXLT100PK3 / -3PH	S-6010PK3Ex2	U-100PZH4E5/8	CZ-RTC6	4,970	5,010
125	KIT-NXLT125PK3 / -3PH	S-6010PK3Ex2	U-125PZH4E5/8	CZ-RTC6	5,274	5,404
140	KIT-NXLT140PK3 / -3PH	S-6010PK3Ex2	U-140PZH4E5/8	CZ-RTC6	5,764	6,119

PACi NX Series Elite 4 way 90x90 cassette - PU3 · R32

For light refrigeration applications.



Low temperature	Kit	Indoor unit	Outdoor unit	Remote controller	RRP	
					Kit 1ph £	Kit 3ph £
36	KIT-NXLT36PU3	S-6071PU3E	U-36PZH3E5	CZ-RTC6	2,516	—
50	KIT-NXLT50PU3	S-6071PU3E	U-50PZH3E5	CZ-RTC6	2,724	—
60	KIT-NXLT60PU3	S-6071PU3E	U-60PZH3E5	CZ-RTC6	2,878	—
71	KIT-NXLT71PU3 / -3PH	S-1014PU3E	U-71PZH4E5/8	CZ-RTC6	3,463	3,521
100	KIT-NXLT100PU3 / -3PH	S-1014PU3E	U-100PZH4E5/8	CZ-RTC6	4,000	4,040
125	KIT-NXLT125PU3 / -3PH	S-1014PU3E	U-125PZH4E5/8	CZ-RTC6	4,304	4,434
140	KIT-NXLT140PU3 / -3PH	S-1014PU3Ex2	U-140PZH4E5/8	CZ-RTC6	6,146	6,501
200	KIT-NXLT200PU3-3PH	S-1014PU3Ex2	U-200PZH2E8	CZ-RTC6	—	6,578
250	KIT-NXLT250PU3-3PH	S-1014PU3Ex2	U-250PZH2E8	CZ-RTC6	—	7,247

PACi NX Series Elite ceiling - PT3 · R32

For light refrigeration applications.



Low temperature	Kit	Indoor unit	Outdoor unit	Remote controller	RRP	
					Kit 1ph £	Kit 3ph £
36	KIT-NXLT36PT3	S-6071PT3E	U-36PZH3E5	CZ-RTC6	2,528	—
50	KIT-NXLT50PT3	S-6071PT3E	U-50PZH3E5	CZ-RTC6	2,736	—
60	KIT-NXLT60PT3	S-1014PT3E	U-60PZH3E5	CZ-RTC6	3,192	—
71	KIT-NXLT71PT3 / -3PH	S-1014PT3E	U-71PZH4E5/8	CZ-RTC6	3,679	3,737
100	KIT-NXLT100PT3 / -3PH	S-1014PT3E	U-100PZH4E5/8	CZ-RTC6	4,216	4,256
125	KIT-NXLT125PT3 / -3PH	S-1014PT3E	U-125PZH4E5/8	CZ-RTC6	4,520	4,650
140	KIT-NXLT140PT3 / -3PH	S-1014PT3Ex2	U-140PZH4E5/8	CZ-RTC6	6,578	6,933
200	KIT-NXLT200PT3-3PH	S-1014PT3Ex2	U-200PZH2E8	CZ-RTC6	—	7,010
250	KIT-NXLT250PT3-3PH	S-1014PT3Ex2	U-250PZH2E8	CZ-RTC6	—	7,679

Low temperature compatible unit configurations

PACi NX Series Elite adaptive ducted unit - PF3 · R32

For light refrigeration applications.



Low temperature	Kit	Indoor unit	Outdoor unit	Remote controller	RRP	
					Kit 1ph £	Kit 3ph £
36	KIT-NXLT36PF3	S-6071PF3E	U-36PZH3E5	CZ-RTC6	2,511	—
50	KIT-NXLT50PF3	S-6071PF3E	U-50PZH3E5	CZ-RTC6	2,719	—
60	KIT-NXLT60PF3	S-6071PF3E	U-60PZH3E5	CZ-RTC6	2,873	—
71	KIT-NXLT71PF3 / -3PH	S-1014PF3E	U-71PZH4E5/8	CZ-RTC6	3,684	3,742
100	KIT-NXLT100PF3 / -3PH	S-1014PF3E	U-100PZH4E5/8	CZ-RTC6	4,221	4,261
125	KIT-NXLT125PF3 / -3PH	S-1014PF3E	U-125PZH4E5/8	CZ-RTC6	4,525	4,655
140	KIT-NXLT140PF3 / -3PH	S-1014PF3Ex2	U-140PZH4E5/8	CZ-RTC6	6,588	6,943

Low temperature applications.

Panasonic PACi NX Elite offers a high quality and efficient solution for low temperature applications.

The PACi NX Elite range caters special applications that require cooling to maintain rooms between 8 °C WB and 24 °C WB (10 °C DB and 30 °C DB). In order adjust the product for low temperature applications, in terms of enthalpy, the indoor unit needs to be over-dimensioned and certain parameters need to be adjustable. Below are the compatible configurations for each of the PACi NX Elite range. There is a complete range from 3.6 to 22.0 kW.

Overview

The Panasonic PACi NX Elite range of semi-industrial systems has been developed to lead the way in quality air conditioning for commercial environments. The Elite line is prevalent in low temperature applications, including wine cellars, server rooms and food storage areas, thanks to its ErP-approved units, and exceptional cooling capabilities.

The range boasts a wide range of features that make it the perfect solution to the needs of challenging commercial and seasonal demands. The units provide continuous cooling when outside temperatures are between -15 °C and 46 °C.

Solutions for cold rooms, wine cellars and special low temperature rooms

Boasting exceptional energy performance, the system ranks among the best in its class (SEER A++) and its inverter technology reduces power consumption and operating costs by 20%. This, combined with the use of R32 gas to reduce the unit CO₂ emissions, ensures Panasonic PACi solutions offer market-leading efficiency. The latest models in the series are not only built to the highest industry standards to ensure optimum efficiency,

they are also lightweight, with a slim and compact design, making these units easy to install.

Just like all the indoor units in the PACi range, these units can be monitored via the internet, generating an alarm if there is a breakdown.

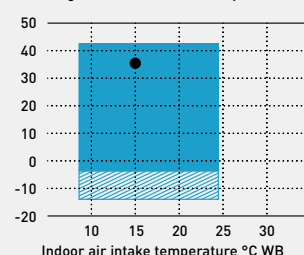
One of the main features of the PACi series is the possibility of adjusting the product for special applications, not just for regular heating and cooling applications.

The perfect solution for:

- Wine cellars
- Ice cream factories
- Flower shops
- Supermarkets
- Grain stores
- Food storage
- Food processing
- Food distribution
- Lunchrooms
- Vegetable processing

Range of temperature for wine cellar

In cooling. Outdoor air intake temperature °C DB.



Only allowed after installation of wind and snow vents.

Area where cooling and heating capacity is established for this purpose.

Commercial twin, triple and double-twin systems

Outdoor units PACi Elite Commercial twin, triple and double-twin systems · R32

Up to 4 indoor units can be connected to the same outdoor unit.

New 2023



Outdoor unit				Nominal capacity ¹⁾		Dimension	Weight	RRP
				Cooling kW	Heating kW	H x W x D mm	kg	£
1ph	7.1 kW	U-71PZH4E5	PACi NX	7.1	8.0	996 x 980 x 370	66	2,053
	10.0 kW	U-100PZH4E5	PACi NX	9.5	11.2	996 x 980 x 370	84	2,590
	12.5 kW	U-125PZH4E5	PACi NX	12.5	14.0	996 x 980 x 370	98	2,894
	14.0 kW	U-140PZH4E5	PACi NX	13.4	16.0	996 x 980 x 370	98	3,384
3ph	7.1 kW	U-71PZH4E8	PACi NX	6.8	8.0	996 x 980 x 370	66	2,111
	10.0 kW	U-100PZH4E8	PACi NX	9.5	11.2	996 x 980 x 370	84	2,630
	12.5 kW	U-125PZH4E8	PACi NX	12.1	14.0	996 x 980 x 370	98	3,024
	14.0 kW	U-140PZH4E8	PACi NX	13.4	16.0	996 x 980 x 370	98	3,739
	20.0 kW	U-200PZH2E8	Big PACi	20.0	22.4	1500 x 980 x 370	117	3,751
	25.0 kW	U-250PZH2E8	Big PACi	25.0	28.0	1500 x 980 x 370	128	4,420

Piping information								
Outdoor unit	kW	7.1	10.0	12.5	14.0	20.0	25.0	
Piping diameter (liquid - gas)	Inch	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 1 1/8	1/2 - 1 1/8	
Pipe length range	m	5 ~ 60	5 ~ 100 ²⁾	5 ~ 100 ²⁾	5 ~ 100 ²⁾	5 ~ 80	5 ~ 60	
Elevation difference (in / out)	m	15/30 ³⁾	15/30 ³⁾	15/30 ³⁾	15/30 ³⁾	30	30	
Pre-charged pipe length	m	30	30	30	30	30	30	
Additional gas amount	g/m	45	45	45	45	60	80	

Electrical information (power supply to outdoor)							
Outdoor unit	kW	7.1	10.0	12.5	14.0	20.0	25.0
Single phase							
Recommended fuse	A	25	35	40	40	—	—
Connection in. / out.	mm²	2x1.5 or 2.5				—	—
Three phase							
Recommended fuse	A	16	16	16	16	16	20
Connection in. / out.	mm²	2x1.5 or 2.5				—	—

PACi NX Elite from 7.1 to 14.0 kW simultaneous operation system combinations · R32

Outdoor	7.1 kW	10.0 kW	12.5 kW	14.0 kW	20.0 kW	25.0 kW
Twin	U-71 (S-3650 + S-3650)	U-100 (S-3650 + S-3650)	U-125 (S-6071 + S-6071) U-125 (S-6010 + S-6010)	U-140 (S-6071 + S-6071) U-140 (S-6010 + S-6010)	U-200 (S-1014 + S-1014)	U-250 (S-1014 + S-1014)
Triple	U-71 (S-25 + S-25 + S-25)	U-100 (S-3650 + S-3650 + S-3650)	U-125 (S-3650 + S-3650 + S-3650)	U-140 (S-3650 + S-3650 + S-3650)	U-200 (S-6071 + S-6071 + S-6071)	—
Double-twin	—	U-100 (S-25 + S-25 + S-25 + S-25)	U-125 (S-3650 + S-3650 + S-3650 + S-3650)	—	U-200 (S-6071 + S-6071 + S-6071 + S-6071)	U-250 (S-6071 + S-6071 + S-6071 + S-6071)

1) With 4 way 90x90 cassette. 2) Total piping length is 100 m but maximum wiring length is 85 m. Piping length maybe limited depending on the wiring length. 3) Outdoor unit located lower / outdoor unit located higher.

Outdoor units PACi NX Standard Commercial twin system · R32

Up to 2 indoor units can be connected to the same outdoor unit.



Outdoor unit				Nominal capacity ¹⁾		Dimension	Weight	RRP
				Cooling kW	Heating kW	H x W x D mm	kg	£
1ph	10.0 kW	U-100PZ3E5		10.0	10.0	996 x 980 x 370	83	1,726
	12.5 kW	U-125PZ3E5		12.5	12.5	996 x 980 x 370	87	2,059
	14.0 kW	U-140PZ3E5		14.0	14.0	996 x 980 x 370	87	2,741
3ph	10.0 kW	U-100PZ3E8		10.0	10.0	996 x 980 x 370	83	1,832
	12.5 kW	U-125PZ3E8		12.5	12.5	996 x 980 x 370	87	2,124
	14.0 kW	U-140PZ3E8		14.0	14.0	996 x 980 x 370	87	2,774

Piping information				
Outdoor unit	kW	7.1	10.0	12.5
Piping diameter (liquid - gas)	Inch	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pipe length range	m	5 ~ 50	5 ~ 50	5 ~ 50
Elevation difference (in / out) ²⁾	m	15/30	15/30	15/30
Pre-charged pipe length	m	30	30	30
Additional gas amount	g/m	45	45	45

Electrical information (power supply to outdoor)								
		Single phase			Three phase			
Outdoor unit	kW	10.0	12.5	14.0	10.0	12.5	14.0	
Recommended fuse	A	35	40	40	16	16	16	
Connection in. / out.	mm ²	2x1.5 or 2.5			2x1.5 or 2.5			

PACi NX Elite from 7.1 to 14.0 kW simultaneous operation system combinations · R32

Outdoor	10.0 kW	12.5 kW	14.0 kW
Twin	U-100 (S-3650 + S-3650)	U-125 (S-6071 + S-6071) U-125 (S-6010 + S-6010)	U-140 (S-6071 + S-6071) U-140 (S-6010 + S-6010)

1) With 4 way 90x90 cassette. 2) Outdoor unit located lower / outdoor unit located higher.

Compatible indoor units for multi combinations

Indoor units Commercial twin, triple and double-twin systems - R32



Power supply to outdoor.
nanoe™ X as a standard.



Wall-mounted - PK3			Nominal capacity		Dimension	Weight	RRP
			Cooling kW	Heating kW	H x W x D mm	kg	
1ph	3.6 - 5.0 kW	S-3650PK3E	3.6 - 5.0	4.0 - 5.6	302 x 1120 x 236	13	816
	6.0 - 7.1 kW	S-6010PK3E	6.1 - 7.1	7.0 - 8.0	302 x 1120 x 236	14	1,062
	10.0 kW	S-6010PK3E	9.5	9.5	302 x 1120 x 236	14	1,062



4 way 60x60 cassette - PY3			Nominal capacity		Dimension (indoor)	Weight (indoor)	Dimension (panel)	Weight (panel)	RRP	
			Cooling kW	Heating kW	H x W x D mm	kg	H x W x D mm	kg	Indoor £	Panel £
1ph	2.5 kW	S-25PY3E	2.5	3.2	243 x 575 x 575	15	30 x 625 x 625	2.8	688	245
	3.6 kW	S-36PY3E	3.6	4.0	243 x 575 x 575	15	30 x 625 x 625	2.8	729	245
	5.0 kW	S-50PY3E	5.0	5.6	243 x 575 x 575	15	30 x 625 x 625	2.8	827	245
	6.0 kW	S-60PY3E	6.0	7.0	243 x 575 x 575	15	30 x 625 x 625	2.8	1,010	245



4 way 90x90 cassette - PU3 (panels CZ-KPU3W / CZ-KPU3AW)			Nominal capacity		Dimension (indoor)	Weight (indoor)	Dimension (panel)	Weight (panel)	RRP		
			Cooling kW	Heating kW	H x W x D mm	kg	H x W x D mm	kg	Indoor £	Panel 3W £	Panel 3AW £
1ph	3.6 - 5.0 kW	S-3650PU3E	3.6 - 5.0	4.0 - 5.6	256 x 840 x 840	19	33.5 x 950 x 950	5	610	222	301
	6.0 - 7.1 kW	S-6071PU3E	6.0 - 7.1	7.0 - 8.0	256 x 840 x 840	20	33.5 x 950 x 950	5	933	222	301
	10.0 - 12.5 kW	S-1014PU3E	10.0 - 12.5	11.2 - 14.0	319 x 840 x 840	25	33.5 x 950 x 950	5	1,031	222	301
	14.0 kW	S-1014PU3E	14.0	16.0	319 x 840 x 840	25	33.5 x 950 x 950	5	1,031	222	301



Ceiling - PT3			Nominal capacity		Dimension	Weight	RRP
			Cooling kW	Heating kW	H x W x D mm	kg	
1ph	3.6 - 5.0 kW	S-3650PT3E	3.5 - 5.0	4.0 - 5.6	235 x 960 x 690	26	915
	6.0 - 7.1 kW	S-6071PT3E	6.0 - 6.8	7.0 - 8.0	235 x 1275 x 690	34	1,167
	10.0 - 12.5 kW	S-1014PT3E	9.5 - 12.1	11.2 - 14.0	235 x 1590 x 690	40	1,469
	14.0 kW	S-1014PT3E	13.4	16.0	235 x 1590 x 690	40	1,469



Adaptive ducted unit - PF3			Nominal capacity		Dimension	Weight	External static pressure	RRP
			Cooling kW	Heating kW	H x W x D mm	kg	Nominal (Min - Max) Pa	
1ph	3.6 - 5.0 kW	S-3650PF3E	3.6 - 5.0	4.0 - 5.6	250 x 800 x 730	25	30 (10 - 150) - 30 (10 - 150)	925
	6.0 - 7.1 kW	S-6071PF3E	5.7 - 6.8	7.0 - 7.5	250 x 1000 x 730	30	30 (10 - 150) - 30 (10 - 150)	1,150
	10.0 - 12.5 kW	S-1014PF3E	9.5 - 12.1	10.8 - 13.5	250 x 1400 x 730	39	40 (10 - 150) - 50 (10 - 150)	1,474
	14.0 kW	S-1014PF3E	13.4	15.5	250 x 1400 x 730	39	50 (10 - 150)	1,474

* The data shown in these tables are based on PACi NX Elite combinations.

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 / Energy Labelling, please visit our websites www.panasonic.co.uk/aircon or www.ptc.panasonic.eu.

PRO-HT Tank Series for PACi

PRO-HT Tank DHW

Domestic hot water tank for PACi Series.

Maximum hot water production 65 °C without boosters.

Water volume 750 L and 1000 L.

PRO-HT TANK



Tank (PAW-G3KITL: Include with PAW-VP****LDHW-1-G3L)							Outdoor unit			RRP		
		COP DHW		Energy efficiency class ³⁾	Water volume (net)	Dimension H x Ø	Weight / with water		Dimension H x W x D	Weight	Tank	Outdoor
		A +7 °C, W 10-55 °C ¹⁾	A +15 °C, W 10-55 °C ²⁾									
		A+ to F	L	mm	kg	mm	kg	£	£			
1ph	PAW-VP750LDHW-1-G3L	4.10	4.79	A+	726	1855 x 990	179 / 905	U-250PE2E8A	1642 x 1095 x 529	138	15,314	4,069
	PAW-VP1000LDHW-1-G3L	3.86	4.79	A+	933	2210 x 990	191 / 1124	U-250PE2E8A	1642 x 1095 x 529	138	16,220	4,069

Piping information			
Outdoor unit	kW	25.0	
Piping diameter (liquid - gas)	Inch	1/2 - 1 1/8	
Pipe length range ⁴⁾	m	30	
Elevation difference (in / out)	m	30 (OU above) 30 (OU below)	
Pre-charged pipe length	m	> 7.5	

Electrical information (power supply to outdoor and tank controller)			
Three phase			
Outdoor unit	kW	25.0	
Recommended fuse	A	20	
Tank heater	kW	6.0	
Recommended fuse	A	16	

1) Heating of sanitary water up to 55 °C with inlet air temperature at 7 °C, humidity at 89% and inlet water temperature at 10 °C. According to EN16147. 2) Heating of sanitary water up to 55 °C with inlet air temperature at 15 °C, humidity at 74% and inlet water temperature at 10 °C. According to EN16147. 3) Scale from A+ to F following COMMISSION DELEGATED REGULATION (EU) No. 812/2013. 4) The pipe length range is between indoor and outdoor, but does not include additional length for coil.

* When connected as pressurised, safety valve is mandatory.

Required accessories	RRP £
PAW-VP-RTC5B-PAC Tank controller for PACi system	1,503

Electrical information (tank controller)		
Recommended fuse	A	2

PRO-HT Tank heating and cooling

Hydraulic solution for heating and cooling available.

Maximum hot water production 50 °C.

Water volume 380 L.

PRO-HT TANK



Tank								Outdoor unit			RRP		
		Cooling capacity A +35 °C, W +7 °C	Heating capacity	Heating energy efficiency class at 35 °C	η _{s,h} (LOT1) ¹⁾	Water volume (net)	Dimension		Dimension	Weight	Tank	Outdoor	
							H x Ø		H x W x D				
		kW	kW	A+++ to D		L	mm		mm	kg	£	£	
1ph	PAW-VP380L	12.8	25	A+++	193%	380	1820 x 690		U-200PZH2E8	1500 x 980 x 370	117	7,241	3,751

Piping information			
Outdoor unit	kW	20.0	
Piping diameter (liquid - gas)	Inch	3/8 - 1 1/8 + adapter	
Pipe length range ²⁾	m	30	
Elevation difference (in / out)	m	30 (OU above) 30 (OU below)	
Pre-charged pipe length	m	> 7.5	

Electrical information (power supply to outdoor and tank controller)			
Three phase			
Outdoor unit	kW	20.0	
Recommended fuse	A	16	
Tank heater	kW	6.0	
Recommended fuse	A	16	

1) Seasonal space cooling / heating energy efficiency following COMMISSION REGULATION (EU) 811/2013. 2) The pipe length range is between indoor and outdoor, but does not include additional length for coil.

* Flow switch and water filter are not equipped.

Required accessories	RRP £
PAW-VP-RTC5B-PAC Tank controller for PACi system	1,503
Optional accessories	RRP £
PAW-IU39 Additional heater	986

Electrical information (tank controller)		
Recommended fuse	A	2

Panasonic PACi with Water Heat Exchanger

PACi with Water Heat Exchanger for chilled and hot water production

Constant 55 °C flow available.

A+++ energy efficiency class (scale from A+++ to D).

Compatible with R32 PACi.



Water Heat Exchanger									Outdoor unit			RRP	
		Nominal capacity		Heating energy efficiency class ³⁾		$\eta_{s,h}$ (LOT1) ⁴⁾	Dimension	Weight		Dimension	Weight	Water Heat Exchanger	Outdoor
		Cooling ¹⁾	Heating ²⁾	35 °C	55 °C								
kW	kW	A+++ to D	A+++ to D	mm	kg	mm	kg	£	£				
1ph	PAW-200W5APAC-1	20.0	26.5	A+++	A+	178%	550 x 455 x 205	27	U-200PZH2E8	1500 x 980 x 370	117	4,152	3,751
	PAW-250W5APAC-1	26.0	31.6	A+++	A+	178%	550 x 455 x 205	27	U-250PZH2E8	1500 x 980 x 370	128	4,500	4,420

Piping information

Kit	kW	20.0	25.0
Piping diameter (liquid - gas)	Inch	3/8 - 1 1/8	1/2 - 1 1/8
Pipe length range	m	5 - 90	5 - 60
Elevation difference (in / out)	m	30	30
Pre-charged pipe length	m	30	30
Additional gas amount	g/m	60	80

Electrical information (power supply to outdoor)

Three phase			
Kit	kW	20.0	25.0
Recommended fuse	A	16	20

1) Data refers to 7 °C leaving chilled water temperature and 35 °C ambient air temperature, according to EN14511 standard. 2) Data refers to 35 °C leaving warm water temperature and 7 °C ambient air temperature according to EN14511 standard. 3) Following COMMISSION REGULATION (EU) No 811/2013 for low-temperature heat pumps. Scale from A+++ to D. 4) Following COMMISSION REGULATION (EU) No 813/2013 for low-temperature heat pumps.

Smart multi-site control solution.

Modern and scalable energy management for your Heating & Cooling Solutions.

The smart multi-site control solution allows you to have complete control of all your installations. With a simple click, all your units from several locations, receive status updates in real-time preventing breakdowns and optimising costs.



Installation.
Easy installation and configuration.



Connectivity.
A standard LAN connection with internet access (fibre or mobile).



Reliability.
24/7/365 days connection.



Use.
Real-time control from anywhere.



Roles and permission.
Easily configure different access roles for each user.



Security.
Highly secure communication and compliant with GDPR.

+ DETAILED REFERENCES IS IN PAGE 61

Drain kits			RRP £
	Drain kit to suit outdoor units from 5.0 to 7.1 kW.	CZ-50DRS1	20
	Drain kit to suit outdoor units from 10.0 to 25 kW.	CZ-140DRS1	26
Branch Pipes, Header			RRP £
	Branch pipe.	CZ-P224BK2BM	99
	Branch pipe (from 22.4 kW to 68 kW).	CZ-P680BK2BM	164
	Header.	CZ-P3HPC2BM	141
Outdoor accessories			RRP £
	Tray for condenser water compatible with outdoor elevation platform.	PAW-WTRAY	145
	Outdoor elevation platform. Dimension (HxWxD): 400x900x400 mm	PAW-GRDSTD40	145
	Outdoor base ground support for noise and vibration absorption. Dimension (HxWxD): 600x95x130 mm Safe working load: 500 kg	PAW-GRDBSE20	133
Panels			RRP £
	Panel for 4 way 60x60 cassette - PY3.	CZ-KPY4	245
	Standard panel for 4 way 90x90 cassette.	CZ-KPU3W	222
	Econavi panel for 4 way 90x90 cassette.	CZ-KPU3AW	301
Sensors			RRP £
	Econavi energy saving sensor.	CZ-CENSC1	164
	Remote temperature sensor.	CZ-CSRC3	118
Plenums			RRP £
	Air outlet plenum for S-3650PF3E.	CZ-56DAF2	187
	Air outlet plenum for S-6071PF3E.	CZ-90DAF2	229
	Air outlet plenum for S-1014PF3E.	CZ-160DAF2	263
	Air inlet plenum for S-3650PF3E.	CZ-DUMPA56MF2	271
	Air inlet plenum for S-6071PF3E.	CZ-DUMPA90MF2	294
	Air inlet plenum for S-1014PF3E.	CZ-DUMPA160MF2	316

VRF Smart Connectivity+			RRP £
	Remote controller Panasonic Net Con, RH, No PIR, R1/R2.	SER8150R0B1194	560
	Remote controller Panasonic Net Con, RH, PIR, R1/R2.	SER8150R5B1194	598
	Wireless ZigBee® Pro module / Green Com card.	VCM8000V5094P	201
	Hotel room expansion module 14 indoor units.	HRCEP14R	356
	Hotel room controller 28 indoor units.	HRCPB628R	945
	Hotel room controller w/Display 42 indoor units.	HRCPD642R	1,205
	Door / window wireless sensor.	SED-WDC-G-5045	230
	Wall / ceiling (motion) wireless sensor.	SED-MTH-G-5045	281
	CO ₂ sensor.	SED-CO2-G-5045	723
	Sensor with room temperature and humidity.	SED-TRH-G-5045	227
	Water leakage sensor.	SED-WLS-G-5045	220
	Cover frame. Silver.	FAS-00	47
	Cover frame. White.	FAS-01	47
	Cover frame. Glossy translucent white.	FAS-03	83
	Cover frame. Light tan wood.	FAS-05	64
	Cover frame. Dark brown wood.	FAS-06	64
	Cover frame. Dark black wood.	FAS-07	64
	Cover frame. Brushed steel finish.	FAS-10	83
Controller and touch controllers for hotels with dry contacts			RRP £
	Modbus RS-485 touch room controller with I/O, White.	PAW-RE2C4-MOD-WH	482
	Touch display control with 2 digital inputs, White.	PAW-RE2D4-WH	294
	Modbus RS-485 touch room controller with I/O, Black.	PAW-RE2C4-MOD-BK	482
	Touch display control with 2 digital inputs, Black.	PAW-RE2D4-BK	294
Hotel sensors for dry contacts			RRP £
	Wall motion sensor 24 V.	PAW-WMS-DC	201
	Wall motion sensor 240 V AC.	PAW-WMS-AC	201
	Ceiling motion sensor 24 V.	PAW-CMS-DC	201
	Ceiling motion sensor 240 V AC.	PAW-CMS-AC	201
	Power supply 24 V.	PAW-24DC	64
	Door or window contact.	PAW-DWC	21

Centralised controls			RRP £
	System controller for 64 indoor units with weekly timer.	CZ-64ESMC3	828
	Central ON / OFF controller, up to 16 groups, 64 indoor units.	CZ-ANC3	560
	Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR).	CZ-256ESMC3	3,102
Panasonic AC Smart Cloud  			RRP £
	Panasonic AC Smart Cloud. Cloud internet control. Up to 128 groups. Controls 128 units.	CZ-CFUSCC1	
Detailed references is in page 61. 			
BMS interface with S-Link			RRP £
	Modbus RTU and TCP interface for 16 indoor units.	PAW-AC2-MBS-16P	2,420
	Modbus RTU and TCP interface for 64 indoor units.	PAW-AC2-MBS-64P	3,474
	Modbus RTU and TCP interface for 128 indoor units.	PAW-AC2-MBS-128P	4,651
	KNX interface for 16 indoor units.	PAW-AC2-KNX-16P	2,420
	KNX interface for 64 indoor units.	PAW-AC2-KNX-64P	3,474
	BACnet IP and MSTP interface for 16 indoor units.	PAW-AC2-BAC-16P	2,420
	BACnet IP and MSTP interface for 64 indoor units.	PAW-AC2-BAC-64P	3,474
	BACnet IP and MSTP interface for 128 indoor units.	PAW-AC2-BAC-128P	4,651
Accessories interfaces			RRP £
	Commercial Wi-Fi Adaptor.	CZ-CAPWFC1	191
	KNX interface (Intesis).	PAW-RC2-KNX-1i	376
	Modbus RTU interface (Intesis).	PAW-RC2-MBS-1	376
	Modbus RTU interface to control 4 indoor/groups (Intesis).	PAW-RC2-MBS-4	871
	BACnet IP and MSTP interface (Intesis).	PAW-RC2-BAC-1	622
	KNX interface (Airzone).	PAW-AZRC-KNX-1	320
	Modbus RTU interface (Airzone).	PAW-AZRC-MBS-1	320
	BACnet IP and MSTP interface (Airzone).	PAW-AZRC-BAC-1	585
	RAC interface adapter for integration into S-Link, plus external input and alarm/status output (for YKEA units).	CZ-CAPRA1	178
Centralised controls. Connection with general equipment			RRP £
	Adaptor for ON / OFF control of external devices.	CZ-CAPC3	356
	Demand control for Mini ECOi and PACi outdoor units.	CZ-CAPDC3	643
	Mini series parallel device controlling indoor units, maximum 1 group and 8 indoor unit.	CZ-CAPBC2	298
	Communication Adaptor. Up to 128 groups. Controls 128 units.	CZ-CFUNC2	1,304

Individual controls			RRP £
	CONEX wired remote controller (non-wireless), white.	CZ-RTC6W ¹⁾	157
	CONEX wired remote controller with Bluetooth®, white.	CZ-RTC6WBL ¹⁾	187
	CONEX wired remote controller with Wi-Fi and Bluetooth®, white.	CZ-RTC6WBLW ^{1) 2)}	263
	CONEX wired remote controller (non-wireless), black.	CZ-RTC6	157
	CONEX wired remote controller with Bluetooth®, black.	CZ-RTC6BL	187
	CONEX wired remote controller with Wi-Fi and Bluetooth®, black.	CZ-RTC6BLW ²⁾	263
	Design wired remote controller with Econavi function and datanavi.	CZ-RTC5B	157
	Infrared remote controller for wall-mounted.	CZ-RWS3	118
	Infrared remote controller and receiver for 4 way 60x60 cassette - PY3 with panel.	CZ-RWS3 + CZ-RWRY3	234
	Infrared remote controller and receiver for 4 way 90x90 cassette.	CZ-RWS3 + CZ-RWRU3W	301
	Infrared remote controller and receiver for ceiling.	CZ-RWS3 + CZ-RWRT3	301
	Infrared remote controller and receiver for all indoor units.	CZ-RWS3 + CZ-RWRC3	301
Accessories PCB			RRP £
	T10 interface PCB with digital and relay connections.	PAW-T10	109
	PCB for server room application, control up to 4 indoor unit groups, redundancy, backup, etc.	PAW-PACR4	TBC
	Connector to PACi NX indoor unit's PCB to provide OPT functions.	PAW-OPT-NX	28
Accessories cables			RRP £
	Cable for all the T10 functions.	CZ-T10	52
	Cable to operate external EC fan.	PAW-FDC	52
	Cable for all option monitoring signals.	PAW-OCT	52
	Cable with force thermo OFF/leakage detection.	PAW-EXCT	52
PRO-HT Tank accessories			RRP £
	Tank controller for PACi system.	PAW-VP-RTC5B-PAC	1,503
	Additional heater.	PAW-IU39	986

1) Available in Autumn 2023. 2) Only compatible with PACi NX Series.

ECO i EX

ECO i

ECO G



Commercial VRF Systems

Panasonic VRF Systems are specifically designed for energy saving, easy installation and high efficiency performance. A wide range of outdoor and indoor unit models offer unique features which are designed for the most demanding offices and large buildings.

Mini ECOi LZ2 Series R32 and Pump Down System.

Outstanding efficiency in a compact body and continuous operation even at extreme ambient temperature.

- Low GWP and less refrigerant
- SEER up to 8.50 and SCOP levels up to 5.05 ¹⁾
- Operation range down to -20 °C in heating and up to 52 °C in cooling
- Optional Panasonic R32 refrigerant leak detector available

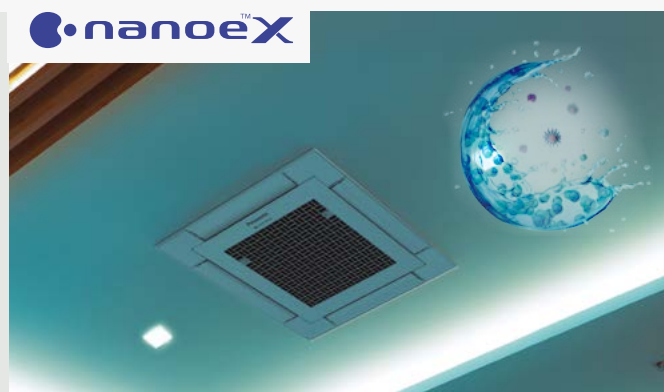
1) 4 HP model.



New Y3 / U2 / F3 indoor units with upgraded nanoe™ X · R32 / R410A.

- Better indoor air quality with nanoe™ X Mark 3
- Quick effect in even large space
- Bacteriophage inhibition 99% in 4 hours at the room size 139 m² ¹⁾
- nanoe™ X is a filter free solution that does not require maintenance

1) [Test organization] SGS Inc. [Test subject] Adhesive virus (bacteriophage) [Test volume] 139 m² [Test result] Inhibited 99% in 4 hours [Device type] nanoe X Generator Mark 3, Internal unit: 4 way cassette.



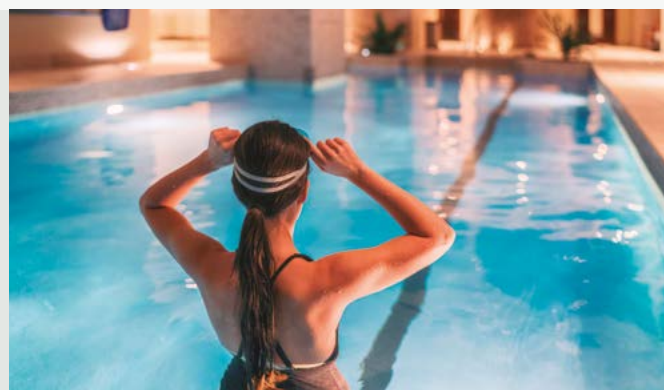
Hydraulic solution for VRF projects.

- Water heat exchanger for chilled and hot water production. It's ideal for hotel project
- PRO-HT DHW tank for the demand of high temperature hot water
- Hydrokit for the medium water temperature application



Electricity or Gas or Hybrid? Various VRF technologies satisfy your project needs.

- VRF ECOi EX series with high seasonal performance and flexibility
- Gas driven VRF, ECO G series for the project location with lack of electricity
- Hybrid GHP/EHP taking advantage of gas and electricity to achieve better energy savings



Page	Outdoor units	4 HP	5 HP	6 HP	8 HP	10 HP	12 HP
P. 46	 Mini ECOi LZ2 Series - R32						
		U-4LZ2E5 / U-4LZ2E8	U-5LZ2E5 / U-5LZ2E8	U-6LZ2E5 / U-6LZ2E8	U-8LZ2E8	U-10LZ2E8	
P. 47	Mini ECOi LE2 / LE1 Series - R410A						
		U-4LE2E5 / U-4LE2E8	U-5LE2E5 / U-5LE2E8	U-6LE2E5 / U-6LE2E8	U-8LE1E8	U-10LE1E8	
P. 48	2-Pipe ECOi EX ME2 Series - R410A						
					U-8ME2E8	U-10ME2E8	U-12ME2E8
P. 50	3-Pipe ECOi EX MF3 Series - R410A						
					U-8MF3E8	U-10MF3E8	U-12MF3E8
P. 52	2-Pipe ECO G GE3 Series - R410A						
P. 52	3-Pipe ECO G GF3 Series - R410A						
P. 52	GHP/EHP Hybrid System - R410A						

14 HP

16 HP

18 HP

20 HP

25 HP

30 HP



U-14ME2E8



U-16ME2E8



U-18ME2E8



U-20ME2E8



U-14MF3E8



U-16MF3E8



U-16GE3E5



U-20GE3E5



U-25GE3E5



U-30GE3E5



U-16GF3E5



U-20GF3E5



U-25GF3E5



U-20GES3E5 / U-10MES2E8

Page	Indoor units	1.5 kW	2.2 kW	2.8 kW	3.6 kW	4.5 kW	5.6 kW
P. 53	Y3 type 4 way 60x60 cassette - R32 / R410A	 S-15MY3E	 S-22MY3E	 S-28MY3E	 S-36MY3E	 S-45MY3E	 S-56MY3E
P. 53	NEW U2 type 4 way 90x90 cassette with integrated nanoe X Generator Mark 3 - R32 / R410A		 S-22MU2E5BN	 S-28MU2E5BN	 S-36MU2E5BN	 S-45MU2E5BN	 S-56MU2E5BN
P. 53	U2 type 4 way 90x90 cassette with integrated nanoe X Generator Mark 2 - R32 / R410A		 S-22MU2E5B	 S-28MU2E5B	 S-36MU2E5B	 S-45MU2E5B	 S-56MU2E5B
P. 53	L1 type 2 way cassette - R410A		 S-22ML1E5	 S-28ML1E5	 S-36ML1E5	 S-45ML1E5	 S-56ML1E5
P. 54	D1 type 1 way cassette - R410A			 S-28MD1E5	 S-36MD1E5	 S-45MD1E5	 S-56MD1E5
P. 54	NEW F3 type variable static pressure adaptive duct with integrated nanoe X Generator Mark 3 - R32 / R410A	 S-15MF3E5BN S-15MF3E5AN	 S-22MF3E5BN S-22MF3E5AN	 S-28MF3E5BN S-28MF3E5AN	 S-36MF3E5BN S-36MF3E5AN	 S-45MF3E5BN S-45MF3E5AN	 S-56MF3E5BN S-56MF3E5AN
P. 55	F3 type variable static pressure adaptive duct with integrated nanoe X Generator Mark 2 - R32 / R410A	 S-15MF3E5B S-15MF3E5A	 S-22MF3E5B S-22MF3E5A	 S-28MF3E5B S-28MF3E5A	 S-36MF3E5B S-36MF3E5A	 S-45MF3E5B S-45MF3E5A	 S-56MF3E5B S-56MF3E5A
P. 55	M1 type slim variable static pressure hide-away - R32 / R410A	 S-15MM1E5B	 S-22MM1E5B	 S-28MM1E5B	 S-36MM1E5B	 S-45MM1E5B	 S-56MM1E5B
P. 56	E2 type high static pressure hide-away - R410A						
P. 56	Heat recovery with DX coil - R410A			 PAW-500ZDX3N (3 kW)		 PAW-800ZDX3N (5.1 kW)	 PAW-01KZDX3N (5.8 kW)
P. 56	T2 type ceiling - R410A				 S-36MT2E5A	 S-45MT2E5A	 S-56MT2E5A
P. 57	K2 type wall-mounted - R32 / R410A	 S-15MK2E5B	 S-22MK2E5B	 S-28MK2E5B	 S-36MK2E5B	 S-45MK2E5B	 S-56MK2E5B
P. 57	G1 type floor console - R410A		 S-22MG1E5N	 S-28MG1E5N	 S-36MG1E5N	 S-45MG1E5N	 S-56MG1E5N
P. 57	P1 type floor-standing - R410A		 S-22MP1E5	 S-28MP1E5	 S-36MP1E5	 S-45MP1E5	 S-56MP1E5
P. 58	R1 type concealed floor-standing - R410A		 S-22MR1E5	 S-28MR1E5	 S-36MR1E5	 S-45MR1E5	 S-56MR1E5
P. 58	Hydrokit for ECOi, water at 45 °C - R410A						

6.0 kW

7.3 kW

9.0 kW

10.6 kW

11.2 kW

14.0 kW

16.0 kW

22.4 kW

28.0 kW



S-60MU2E5BN



S-73MU2E5BN



S-90MU2E5BN



S-112MU2E5BN



S-140MU2E5BN



S-160MU2E5BN



S-60MU2E5B



S-73MU2E5B



S-90MU2E5B



S-106MU2E5B



S-140MU2E5B



S-160MU2E5B



S-73ML1E5



S-73MD1E5

S-60MF3E5BN
S-60MF3E5ANS-73MF3E5BN
S-73MF3E5ANS-90MF3E5BN
S-90MF3E5ANS-112MF3E5BN
S-112MF3E5ANS-140MF3E5BN
S-140MF3E5ANS-160MF3E5BN
S-160MF3E5ANS-60MF3E5B
S-60MF3E5AS-73MF3E5B
S-73MF3E5AS-90MF3E5B
S-90MF3E5AS-106MF3E5B
S-106MF3E5AS-140MF3E5B
S-140MF3E5AS-160MF3E5B
S-160MF3E5A

S-224ME2E5



S-280ME2E5



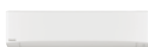
S-73MT2E5A



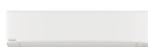
S-106MT2E5A



S-140MT2E5A



S-73MK2E5B



S-106MK2E5B



S-71MP1E5



S-71MR1E5



S-80MW1E5



S-125MW1E5

+ FAN COIL OPTIONS ON CHILLERS SECTION

+ OPTIONAL UNITS ON VENTILATION SECTION

Mini VRF - Mini ECOi LZ2 Series R32

Mini ECOi LZ2 Series 4 to 6 HP - R32

Outstanding seasonal efficiency.

Compact body - Low height only 996 mm.

Wide operation range from -20 °C in heating to +52 °C in cooling.



Outdoor unit		Nominal capacity		ErP data ¹⁾		Dimension	Weight	RRP
		Cooling kW	Heating kW	SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$	H x W x D mm	kg	
1ph	4 HP U-4LZ2E5	12.1	12.5	8.50 / 337.0%	5.05 / 199.0%	996 x 980 x 370	94	3,850
	5 HP U-5LZ2E5	14.0	16.0	8.12 / 321.8%	4.61 / 181.4%	996 x 980 x 370	94	4,125
	6 HP U-6LZ2E5	15.5	16.5	7.71 / 305.4%	4.59 / 180.6%	996 x 980 x 370	94	4,573
3ph	4 HP U-4LZ2E8	12.1	12.5	8.50 / 337.0%	5.05 / 199.0%	996 x 980 x 370	94	4,122
	5 HP U-5LZ2E8	14.0	16.0	8.12 / 321.8%	4.61 / 181.4%	996 x 980 x 370	94	4,662
	6 HP U-6LZ2E8	15.5	16.5	7.71 / 305.4%	4.59 / 180.6%	996 x 980 x 370	94	5,019

Piping information				
Outdoor unit	HP	4	5	6
Piping diameter (liquid - gas)	Inch	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Maximum piping length (total)	m	90 (180)	90 (180)	90 (180)
Elevation difference (in / out)	m	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)

Electrical information (power supply to indoor)							
		Single phase			Three phase		
Outdoor unit	HP	4	5	6	4	5	6
Recommended fuse	A	20	25	30	10	16	16

1) SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for U2 type 4 way 90x90 cassette indoor units. Eurovent certified. 2) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency " η " values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF.

Mini ECOi LZ2 Series 8 and 10 HP - R32

Outstanding seasonal efficiency.

Maximum piping length 100 m.

Wide operation range from -20 °C in heating to +52 °C in cooling.



Outdoor unit		Nominal capacity		ErP data ¹⁾		Dimension	Weight	RRP
		Cooling kW	Heating kW	SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$	H x W x D mm	kg	
3ph	8 HP U-8LZ2E8	22.4	25.0	7.56 / 299.4%	4.59 / 180.6%	1500 x 980 x 370	125	6,540
	10 HP U-10LZ2E8	28.0	28.0	7.08 / 280.2%	4.60 / 181.0%	1500 x 980 x 370	126	7,172

Piping information			
Outdoor unit	HP	8	10
Piping diameter (liquid - gas)	Inch	3/8 - 3/4	3/8 - 7/8
Maximum piping length (total)	m	100 (300)	100 (300)
Elevation difference (in / out)	m	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)

Electrical information (power supply to indoor)				
Three phase				
Outdoor unit	HP	8	10	
Recommended fuse	A	16	20	

1) SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for F2 type variable static pressure hide-away indoor units. Eurovent certified. 2) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency " η " values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF.

R32 Pump Down solution.

New R32 Pump Down solution offers the assurance of additional safety protection, whilst expanding the potential installation cases, allowing for installation within smaller rooms.

Suitable for the Mini ECOi LZ2 range up to 10 HP, compatible indoor units connected to CZ-CGLSC1 or integrated Panasonic R32 refrigerant leak detector.



Model reference	Description	RRP £
PAW-PUD2WB-1	Basic Pump Down system (2 way) for one R32 Mini ECOi outdoor unit	TBC
CZ-CGLSC1	Panasonic R32 refrigerant leak detector for MU2, MY3, MM1 and MK2 models	174

Mini VRF - Mini ECOi LE Series R410A

Mini ECOi LE2 Series high efficiency 4 to 6 HP - R410A

Ideal solution for the limited installation space.

Wide operation range from -20 °C in heating to +46 °C in cooling.



Outdoor unit			Nominal capacity		ErP data ¹⁾		Dimension	Weight	RRP
			Cooling kW	Heating kW	SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$	H x W x D mm	kg	
1ph	4 HP	U-4LE2E5	12.1	12.5	7.85 / 311.0%	4.87 / 191.8%	996 x 980 x 370	106	3,850
	5 HP	U-5LE2E5	14.0	16.0	7.48 / 296.2%	4.40 / 172.9%	996 x 980 x 370	106	4,125
	6 HP	U-6LE2E5	15.5	16.5	7.25 / 286.8%	4.24 / 166.7%	996 x 980 x 370	106	4,573
3ph	4 HP	U-4LE2E8	12.1	12.5	7.85 / 311.0%	4.87 / 191.8%	996 x 980 x 370	106	4,122
	5 HP	U-5LE2E8	14.0	16.0	7.48 / 296.2%	4.40 / 172.9%	996 x 980 x 370	106	4,662
	6 HP	U-6LE2E8	15.5	16.5	7.25 / 286.8%	4.24 / 166.7%	996 x 980 x 370	106	5,019

Piping information				
Outdoor unit	HP	4	5	6
Piping diameter (liquid - gas)	Inch	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Maximum piping length (total)	m	150 (180)	150 (180)	150 (180)
Elevation difference (in / out)	m	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)

Electrical information (power supply to indoor)							
Single phase				Three phase			
Outdoor unit	HP	4	5	6	4	5	6
Recommended fuse	A	20	25	30	10	16	16

1) SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for F2 type variable static pressure hide-away indoor units. Eurovent certified. 2) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = [η + Correction] × PEF.

Mini ECOi LE1 Series high efficiency 8 and 10 HP - R410A

Ideal solution for the limited installation space.

Wide operation range from -20 °C in heating to +46 °C in cooling.



Outdoor unit			Nominal capacity		ErP data ¹⁾		Dimension	Weight	RRP £
			Cooling kW	Heating kW	SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$	H x W x D mm	kg	
3ph	8 HP	U-8LE1E8	22.4	25.0	6.27 / 247.9%	4.24 / 166.4%	1500 x 980 x 370	132	6,540
	10 HP	U-10LE1E8	28.0	28.0	6.37 / 251.8%	4.31 / 169.5%	1500 x 980 x 370	133	7,172

Piping information				
Outdoor unit	HP	8	10	
Piping diameter (liquid - gas)	Inch	3/8 ³⁾ / 1/2 ⁴⁾ - 3/4 ³⁾ / 7/8 ⁴⁾	3/8 ³⁾ / 1/2 ⁴⁾ - 7/8 ³⁾ / 1 1/8 ⁴⁾	
Maximum piping length (total)	m	7.5 - 150 (7.5 - 300)	7.5 - 150 (7.5 - 300)	
Elevation difference (in / out)	m	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)	

Electrical information (power supply to indoor)				
Three phase				
Outdoor unit	HP	8	10	
Recommended fuse	A	16	20	

1) SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for F2 type variable static pressure hide-away indoor units. Eurovent certified. 2) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = [η + Correction] × PEF. 3) Under 90 m for ultimate indoor unit. 4) Over 90 m for ultimate indoor unit. If the longest piping equivalent length exceeds 90 m, increase the sizes of the main tubes by 1 rank for gas and liquid pipes.

New Panasonic DX PRO Designer.

The Panasonic DX PRO Designer will be rebuilt with an improved user experience. The new software runs in the cloud and is always up to date with the latest products. An intuitive interface supports the most complicated designs, allows online sharing and project collaboration with multilingual support.



* Available from Spring 2023.

VRF - ECOi EX Series

2-Pipe ECOi EX ME2 Series

High performance at extreme conditions.

Oil recovery intelligent control for high performance and comfort.

Wide operation range from -25 °C in heating to +52 °C in cooling.



Outdoor unit		Nominal capacity		ErP data ¹⁾		Dimension H x W x D mm	Weight kg	RRP €
		Cooling kW	Heating kW	SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$			
3ph	8 HP U-8ME2E8	22.4	25.0	7.43 / 294.3%	4.79 / 188.4%	1842 x 770 x 1000	210	8,337
	10 HP U-10ME2E8	28.0	31.5	6.96 / 275.4%	4.27 / 167.6%	1842 x 770 x 1000	210	8,950
	12 HP U-12ME2E8	33.5	37.5	6.74 / 266.6%	4.72 / 185.8%	1842 x 1180 x 1000	270	10,724
	14 HP U-14ME2E8	40.0	45.0	7.23 / 286.0%	4.28 / 168.2%	1842 x 1180 x 1000	315	12,082
	16 HP U-16ME2E8	45.0	50.0	6.43 / 254.3%	4.05 / 159.0%	1842 x 1180 x 1000	315	13,056
	18 HP U-18ME2E8	50.0	56.0	7.56 / 299.2%	4.29 / 168.7%	1842 x 1540 x 1000	375	14,996
	20 HP U-20ME2E8	56.0	63.0	7.03 / 278.2%	4.09 / 160.4%	1842 x 1540 x 1000	375	15,755

Piping information								
Outdoor unit	HP	8	10	12	14	16	18	20
Piping diameter (liquid)	Inch	3/8 / 1/2	3/8 / 1/2	1/2 / 5/8	1/2 / 5/8	1/2 / 5/8	5/8 / 3/4	5/8 / 3/4
Piping diameter (gas)	Inch	3/4 / 7/8	7/8 / 1-1/8	1-1/8 / 1-1/2	1-1/8 / 1-1/2	1-1/8 / 1-3/4	1-1/2 / 1-3/4	1-1/2 / 1-3/4
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4

Electrical information (power supply to indoor)										
Three phase										
Outdoor unit	HP	8	10	12	14	16	18	20		
Recommended fuse	A	16	16	20	25	30	40	40		

1) SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for F2 type variable static pressure hide-away indoor units. Eurovent certified. 2) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF.

2-Pipe ECOi EX ME2 Series high efficiency model combination from 18 to 64 HP



Outdoor unit		Nominal capacity		Dimension H x W x D mm	Weight kg	RRP €
		Cooling kW	Heating kW			
3ph	18 HP U-8ME2E8 + U-10ME2E8	50.0	56.0	1842 x 1600 x 1000	420	17,287
	20 HP U-10ME2E8 + U-10ME2E8	56.0	63.0	1842 x 1600 x 1000	420	17,900
	22 HP U-10ME2E8 + U-12ME2E8	61.5	69.0	1842 x 2010 x 1000	480	19,674
	24 HP U-12ME2E8 + U-12ME2E8	68.0	76.5	1842 x 2420 x 1000	540	21,448
	26 HP U-10ME2E8 + U-16ME2E8	73.0	81.5	1842 x 2010 x 1000	535	22,006
	28 HP U-12ME2E8 + U-16ME2E8	78.5	87.5	1842 x 2420 x 1000	585	23,780
	30 HP U-14ME2E8 + U-16ME2E8	85.0	95.0	1842 x 2420 x 1000	630	25,138
	32 HP U-16ME2E8 + U-16ME2E8	90.0	100.0	1842 x 2420 x 1000	630	26,112
	34 HP U-10ME2E8 + U-12ME2E8 + U-12ME2E8	96.0	108.0	1842 x 3250 x 1000	750	30,398
	36 HP U-12ME2E8 + U-12ME2E8 + U-12ME2E8	101.0	113.0	1842 x 3660 x 1000	810	32,172
	38 HP U-10ME2E8 + U-12ME2E8 + U-16ME2E8	107.0	119.0	1842 x 3250 x 1000	795	32,730
	40 HP U-12ME2E8 + U-12ME2E8 + U-16ME2E8	113.0	127.0	1842 x 3660 x 1000	855	34,504
	42 HP U-10ME2E8 + U-16ME2E8 + U-16ME2E8	118.0	132.0	1842 x 3250 x 1000	840	35,062
	44 HP U-12ME2E8 + U-16ME2E8 + U-16ME2E8	124.0	138.0	1842 x 3660 x 1000	900	36,836
	46 HP U-14ME2E8 + U-16ME2E8 + U-16ME2E8	130.0	145.0	1842 x 3660 x 1000	945	38,194
	48 HP U-16ME2E8 + U-16ME2E8 + U-16ME2E8	135.0	150.0	1842 x 3660 x 1000	945	39,168
	50 HP U-10ME2E8 + U-12ME2E8 + U-12ME2E8 + U-16ME2E8	140.0	155.0	1842 x 4490 x 1000	1065	43,454
	52 HP U-12ME2E8 + U-12ME2E8 + U-12ME2E8 + U-16ME2E8	145.0	160.0	1842 x 4900 x 1000	1125	45,228
	54 HP U-10ME2E8 + U-12ME2E8 + U-16ME2E8 + U-16ME2E8	151.0	169.0	1842 x 4490 x 1000	1110	45,786
	56 HP U-12ME2E8 + U-12ME2E8 + U-16ME2E8 + U-16ME2E8	156.0	175.0	1842 x 4900 x 1000	1170	47,560
	58 HP U-10ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	162.0	182.0	1842 x 4490 x 1000	1155	48,118
	60 HP U-12ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	168.0	189.0	1842 x 4900 x 1000	1215	49,892
	62 HP U-14ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	174.0	195.0	1842 x 4900 x 1000	1260	51,250
	64 HP U-16ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	180.0	201.0	1842 x 4900 x 1000	1260	52,224

Piping information													
Outdoor unit	HP	18	20	22	24	26	28	30	32	34	36	38	40
Piping diameter (liquid)	Inch	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8
Piping diameter (gas)	Inch	1-1/8 / 1-3/8	1-1/8 / 1-3/8	1-1/8 / 1-3/8	1-1/8 / 1-3/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-5/8	1-5/8	1-5/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

Outdoor unit	HP	42	44	46	48	50	52	54	56	58	60	62	64
Piping diameter (liquid)	Inch	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8
Piping diameter (gas)	Inch	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

VRF - ECOi EX Series

2-Pipe ECOi EX ME2 Series space saving model combination from 22 to 80 HP



Outdoor unit		Nominal capacity		SEER ¹⁾	SCOP ¹⁾	Dimension	Weight	RRP
		Cooling kW	Heating kW			H x W x D mm	kg	
3ph	22 HP U-10ME2E8+U-12ME2E8	61.5	69.0	6.90	4.53	1842 x 2010 x 1000	480	19,674
	24 HP U-12ME2E8+U-12ME2E8	68.0	76.5	6.86	4.78	1842 x 2420 x 1000	540	21,448
	26 HP U-10ME2E8+U-16ME2E8	73.0	81.5	6.62	4.16	1842 x 2010 x 1000	525	22,006
	28 HP U-12ME2E8+U-16ME2E8	78.5	87.5	6.60	4.29	1842 x 2420 x 1000	585	23,780
	30 HP U-14ME2E8+U-16ME2E8	85.0	95.0	6.88	4.13	1842 x 2420 x 1000	630	25,138
	32 HP U-16ME2E8+U-16ME2E8	90.0	100.0	6.55	4.09	1842 x 2420 x 1000	630	26,112
	34 HP U-14ME2E8+U-20ME2E8	96.0	108.0	7.21	4.14	1842 x 2780 x 1000	690	27,837
	36 HP U-16ME2E8+U-20ME2E8	101.0	113.0	6.86	4.06	1842 x 2780 x 1000	690	28,811
	38 HP U-18ME2E8+U-20ME2E8	107.0	119.0	7.32	4.14	1842 x 3140 x 1000	750	30,751
	40 HP U-20ME2E8+U-20ME2E8	113.0	127.0	7.16	4.13	1842 x 3140 x 1000	750	31,510
	42 HP U-10ME2E8+U-16ME2E8+U-16ME2E8	118.0	132.0	6.57	4.11	1842 x 3250 x 1000	840	35,062
	44 HP U-12ME2E8+U-16ME2E8+U-16ME2E8	124.0	138.0	6.60	4.21	1842 x 3660 x 1000	900	36,836
	46 HP U-14ME2E8+U-16ME2E8+U-16ME2E8	130.0	145.0	6.70	4.12	1842 x 3660 x 1000	945	38,194
	48 HP U-16ME2E8+U-16ME2E8+U-16ME2E8	135.0	150.0	6.55	4.09	1842 x 3660 x 1000	945	39,168
	50 HP U-14ME2E8+U-20ME2E8+U-20ME2E8	140.0	155.0	6.96	4.08	1842 x 4020 x 1000	1005	40,893
	52 HP U-16ME2E8+U-16ME2E8+U-20ME2E8	145.0	160.0	6.72	4.05	1842 x 4020 x 1000	1005	41,867
	54 HP U-14ME2E8+U-20ME2E8+U-20ME2E8	151.0	169.0	7.16	4.13	1842 x 4380 x 1000	1065	43,592
	56 HP U-16ME2E8+U-20ME2E8+U-20ME2E8	156.0	175.0	6.92	4.07	1842 x 4380 x 1000	1065	44,566
	58 HP U-18ME2E8+U-20ME2E8+U-20ME2E8	162.0	182.0	7.30	4.13	1842 x 4740 x 1000	1125	46,506
	60 HP U-20ME2E8+U-20ME2E8+U-20ME2E8	168.0	189.0	7.16	4.13	1842 x 4740 x 1000	1125	47,265
	62 HP U-14ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8	174.0	195.0	6.68	4.11	1842 x 4900 x 1000	1260	51,250
	64 HP U-16ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8	180.0	201.0	6.55	4.09	1842 x 4900 x 1000	1260	52,224
	66 HP U-18ME2E8+U-16ME2E8+U-20ME2E8+U-20ME2E8	185.0	207.0	6.92	4.11	1842 x 5210 x 1000	1275	53,516
	68 HP U-12ME2E8+U-16ME2E8+U-20ME2E8+U-20ME2E8	190.0	213.0	6.91	4.17	1842 x 5620 x 1000	1335	55,290
	70 HP U-10ME2E8+U-20ME2E8+U-20ME2E8+U-20ME2E8	196.0	219.0	7.09	4.13	1842 x 5570 x 1000	1335	56,215
	72 HP U-16ME2E8+U-16ME2E8+U-20ME2E8+U-20ME2E8	202.0	226.0	6.86	4.06	1842 x 5620 x 1000	1380	57,622
	74 HP U-16ME2E8+U-18ME2E8+U-20ME2E8+U-20ME2E8	208.0	233.0	7.03	4.12	1842 x 5980 x 1000	1440	59,562
	76 HP U-16ME2E8+U-20ME2E8+U-20ME2E8+U-20ME2E8	213.0	239.0	7.01	4.07	1842 x 5980 x 1000	1440	60,321
	78 HP U-18ME2E8+U-20ME2E8+U-20ME2E8+U-20ME2E8	219.0	245.0	7.18	4.13	1842 x 6340 x 1000	1500	62,261
	80 HP U-20ME2E8+U-20ME2E8+U-20ME2E8+U-20ME2E8	224.0	252.0	7.16	4.13	1842 x 6340 x 1000	1500	63,020

Piping information

Outdoor unit	HP	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
Piping diameter (liquid)	Inch	5/8 / 3/4	5/8 / 3/4	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8
Piping diameter (gas)	Inch	1-1/8 / 1-3/8	1-1/8 / 1-3/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8	1-3/8 / 1-5/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

Outdoor unit	HP	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
Piping diameter (liquid)	Inch	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	3/4 / 7/8	7/8 / 1-1/8	7/8 / 1-1/8	7/8 / 1-1/8	7/8 / 1-1/8	7/8 / 1-1/8	7/8 / 1-1/8	7/8 / 1-1/8
Piping diameter (gas)	Inch	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8 / 2-1/8	1-5/8 / 2-1/8	1-5/8 / 2-1/8	1-5/8 / 2-1/8	1-5/8 / 2-1/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

1) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF.

ECOi 2-Pipe with water heat exchanger for chilled and hot water production

Flexible modularity from 25 kW.

Maximum hot water outlet temperature: 45 °C.

Minimum chilled water outlet temperature: 5 °C.



Hydrokit							Outdoor unit		RRP		
	With A class water pump	Without pump	Nominal capacity		Energy efficiency class at 35 °C ¹⁾	η _{s,h} (LOT21) ²⁾	Dimension / Weight (with pump) H x W x D mm / kg	Dimension / Weight	w pump	w/o pump	Outdoor
			Cool	Heat				H x W x D			
			kW	kW				mm / kg			
1ph	25 kW PAW-250WP5G1	PAW-250W5G1	25.0	28.0	A++	152.00%	1000 x 575 x 1110 / 135 (140)	U-10ME2E8 1842 x 770 x 1000 / 210	13,190	12,531	8,950
	50 kW PAW-500WP5G1	PAW-500W5G1	50.0	56.0	A++	152.00%	1000 x 575 x 1110 / 155 (165)	U-20ME2E8 1842 x 1540 x 1000 / 375	13,950	13,252	15,755

Piping information

Outdoor unit	kW	25	50
Piping diameter (liquid - gas)	Inch	3/8 - 7/8	5/8 - 1-1/8
Elevation difference (in / out)	m	50 [OU above] 35 [OU below]	50 [OU above] 35 [OU below]
Pre-charged pipe length	m	0 <	0 <
Additional gas amount	g/m	Refer to manual	Refer to manual

Electrical information (power supply to indoor)

Three phase			
Outdoor unit	kW	25	50
Recommended fuse	A	16	16

1) Unit efficiency energy level: Scale from A+++ to D. 2) Seasonal space cooling / heating energy efficiency following COMMISSION REGULATION (EU) 813/2013.

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 / Energy Labelling, please visit our websites www.panasonic.co.uk/aircon or www.ptc.panasonic.eu.

VRF - ECOi EX Series

3-Pipe ECOi EX MF3 Series

Simultaneous heating and cooling operation with heat recovery.

Slim heat recovery boxes with just 200 mm height.

Wide operation range from -20 °C in heating to +52 °C in cooling.



Outdoor unit		Nominal capacity		ErP data ¹⁾		Dimension	Weight	RRP
		Cooling kW	Heating kW	SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$	H x W x D mm	kg	
3ph	8 HP U-8MF3E8	22.4	25.0	7.02 / 277.7%	4.85 / 190.9%	1842 x 1180 x 1000	261	8,450
	10 HP U-10MF3E8	28.0	31.5	7.05 / 278.9%	4.25 / 166.8%	1842 x 1180 x 1000	262	9,325
	12 HP U-12MF3E8	33.5	37.5	6.39 / 252.7%	4.27 / 167.8%	1842 x 1180 x 1000	286	10,777
	14 HP U-14MF3E8	40.0	45.0	6.69 / 264.4%	4.13 / 162.1%	1842 x 1180 x 1000	334	12,465
	16 HP U-16MF3E8	45.0	50.0	6.02 / 237.7%	3.81 / 149.3%	1842 x 1180 x 1000	334	14,324

Piping information						
Outdoor unit	HP	8	10	12	14	16
Piping diameter (liquid)	Inch	3/8/1/2	3/8/1/2	1/2/5/8	1/2/5/8	1/2/5/8
Piping diameter (discharge)	Inch	5/8/3/4	3/4/7/8	3/4/7/8	7/8/1-1/8	7/8/1-1/8
Piping diameter (suction)	Inch	3/4/7/8	7/8/1-1/8	1/1-1/8	1/1-1/8	1-1/8/1-3/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4

Electrical information (power supply to indoor)						
Three phase						
Outdoor unit	HP	8	10	12	14	16
Recommended fuse	A	16	20	25	40	30

1) SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for F2 type variable static pressure hide-away indoor units. Eurovent certified. 2) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF.

3-Pipe ECOi EX MF3 Series combination from 18 to 48 HP



Outdoor unit		Nominal capacity		Dimension	Weight	RRP
		Cooling kW	Heating kW	H x W x D mm	kg	
3ph	18 HP U-8MF3E8+U-10MF3E8	50.0	56.0	1842 x 2360 (+60) x 1000	523	17,775
	20 HP U-8MF3E8+U-12MF3E8	56.0	63.0	1842 x 2360 (+60) x 1000	547	19,227
	22 HP U-10MF3E8+U-12MF3E8	61.5	69.0	1842 x 2360 (+60) x 1000	548	20,102
	24 HP U-12MF3E8+U-12MF3E8	68.0	76.5	1842 x 2360 (+60) x 1000	574	21,554
	26 HP U-10MF3E8+U-16MF3E8	73.0	81.5	1842 x 2360 (+60) x 1000	596	23,649
	28 HP U-12MF3E8+U-16MF3E8	78.5	87.5	1842 x 2360 (+60) x 1000	620	25,101
	30 HP U-14MF3E8+U-16MF3E8	85.0	95.0	1842 x 2360 (+60) x 1000	668	26,789
	32 HP U-16MF3E8+U-16MF3E8	90.0	100.0	1842 x 2360 (+60) x 1000	668	28,648
	34 HP U-8MF3E8+U-10MF3E8+U-16MF3E8	96.0	108.0	1842 x 3540 (+120) x 1000	857	32,099
	36 HP U-8MF3E8+U-12MF3E8+U-16MF3E8	101.0	113.0	1842 x 3540 (+120) x 1000	881	33,551
	38 HP U-10MF3E8+U-12MF3E8+U-16MF3E8	107.0	119.0	1842 x 3540 (+120) x 1000	882	34,426
	40 HP U-8MF3E8+U-16MF3E8+U-16MF3E8	113.0	127.0	1842 x 3540 (+120) x 1000	929	37,098
	42 HP U-10MF3E8+U-16MF3E8+U-16MF3E8	118.0	132.0	1842 x 3540 (+120) x 1000	930	37,973
	44 HP U-12MF3E8+U-16MF3E8+U-16MF3E8	124.0	138.0	1842 x 3540 (+120) x 1000	954	39,425
	46 HP U-14MF3E8+U-16MF3E8+U-16MF3E8	130.0	145.0	1842 x 3540 (+120) x 1000	1002	41,113
	48 HP U-16MF3E8+U-16MF3E8+U-16MF3E8	135.0	150.0	1842 x 3540 (+120) x 1000	1002	42,972

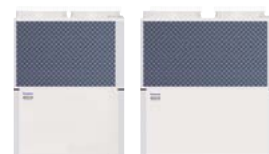
Piping information									
Outdoor unit	HP	18	20	22	24	26	28	30	32
Piping diameter (liquid)	Inch	5/8/3/4	5/8/3/4	5/8/3/4	5/8/3/4	3/4/7/8	3/4/7/8	3/4/7/8	3/4/7/8
Piping diameter (discharge)	Inch	7/8/1-1/8	7/8/1-1/8	1-1/8	1-1/8	1-1/8	1-1/8/1-3/8	1-1/8/1-3/8	1-1/8/1-3/8
Piping diameter (suction)	Inch	1-1/8/1-3/8	1-1/8/1-3/8	1-1/8/1-3/8	1-1/8/1-3/8	1-3/8/1-5/8	1-3/8/1-5/8	1-3/8/1-5/8	1-3/8/1-5/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

Outdoor unit	HP	34	36	38	40	42	44	46	48
Piping diameter (liquid)	Inch	3/4/7/8	3/4/7/8	3/4/7/8	3/4/7/8	3/4/7/8	3/4/7/8	3/4/7/8	3/4/7/8
Piping diameter (discharge)	Inch	1-1/8/1-3/8	1-1/8/1-3/8	1-3/8/1-5/8	1-3/8/1-5/8	1-3/8/1-5/8	1-3/8/1-5/8	1-3/8/1-5/8	1-3/8/1-5/8
Piping diameter (suction)	Inch	1-3/8/1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

Gas driven VRF - ECO G Series

2-Pipe ECO G GE3 Series

A perfect solution for the project location with lack of electricity.
Quick start up and high heating capacity at low ambient temperature.
Operation range from -21 °C in heating to +43 °C in cooling.



Outdoor unit		Nominal capacity		$\eta_{s,c}$ (LOT21) ¹⁾	$\eta_{s,h}$ (LOT21) ¹⁾	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
1ph	16 HP U-16GE3E5	45.0	50.0	220.60%	150.60%	2255 x 1650 x 1000	765	35,016
	20 HP U-20GE3E5	56.0	63.0	219.30%	143.70%	2255 x 1650 x 1000	765	39,910
	25 HP U-25GE3E5	71.0	80.0	240.10%	146.90%	2255 x 2026 x 1000	870	42,639
	30 HP U-30GE3E5	85.0	95.0	229.30%	151.30%	2255 x 2026 x 1000	880	47,650

Piping information					
Outdoor unit	HP	16	20	25	30
Piping diameter (liquid)	Inch	1/2	5/8	5/8	3/4
Piping diameter (gas)	Inch	1-1/8	1-1/8	1-1/8	1-3/8
Piping diameter (fuel gas)	Inch	3/4	3/4	3/4	3/4
Piping diameter (exhaust drain port)	mm	25	25	25	25
Piping diameter (hot water supply in/out)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)
Elevation difference (in / out)	m	50	50	50	50

Electrical information (power supply to indoor)					
Single phase					
Outdoor unit	HP	16	20	25	30
Recommended fuse	A	16	16	16	16

1) ErP test data.

2-Pipe ECO G GE3 Series combination from 32 to 60 HP



Outdoor unit		Nominal capacity		Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW			
1ph	32 HP U-16GE3E5 + U-16GE3E5	90.0	100.0	2255 x 1650 + 100 + 1650 x 1000	1530 (765 + 765)	70,032
	36 HP U-16GE3E5 + U-20GE3E5	101.0	113.0	2255 x 1650 + 100 + 1650 x 1000	1530 (765 + 765)	74,926
	40 HP U-20GE3E5 + U-20GE3E5	112.0	126.0	2255 x 1650 + 100 + 1650 x 1000	1530 (765 + 765)	79,820
	45 HP U-20GE3E5 + U-25GE3E5	127.0	143.0	2255 x 1650 + 100 + 2026 x 1000	1635 (765 + 870)	82,549
	50 HP U-25GE3E5 + U-25GE3E5	142.0	160.0	2255 x 2026 + 100 + 2026 x 1000	1740 (870 + 870)	85,278
	55 HP U-25GE3E5 + U-30GE3E5	156.0	175.0	2255 x 2026 + 100 + 2026 x 1000	1750 (870 + 880)	90,289
	60 HP U-30GE3E5 + U-30GE3E5	170.0	190.0	2255 x 2026 + 100 + 2026 x 1000	1760 (880 + 880)	95,300

Piping information								
Outdoor unit	HP	32	36	40	45	50	55	60
Piping diameter (liquid)	Inch	3/4	3/4	3/4	3/4	3/4	7/8	7/8
Piping diameter (gas)	Inch	1-3/8	1-3/8	1-5/8	1-5/8	1-5/8	1-5/8	1-5/8
Piping diameter (fuel gas)	Inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Piping diameter (exhaust drain port)	mm	25	25	25	25	25	25	25
Piping diameter (hot water supply in/out)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)
Elevation difference (in / out)	m	50	50	50	50	50	50	50

Smart multi-site control solution.

Modern and scalable energy management for
your Heating & Cooling Solutions.
With a simple click, all your units from several
locations, receive status updates in real-time
preventing breakdowns and optimising costs.



Installation.

Easy installation and configuration.



Connectivity.

A standard LAN connection with internet access (fibre or mobile).



Reliability.

24/7/365 days connection.



Use.

Real-time control from anywhere.



Roles and permission.

Easily configure different access roles for each user.



Security.

Highly secure communication and compliant with GDPR.



+ DETAILED REFERENCES IS IN PAGE 61

Gas driven VRF - ECO G Series

3-Pipe ECO G GF3 Series

A perfect solution for the project location with lack of electricity.
Free DHW (Domestic Hot Water) production available in all seasons.
Operation range from -21 °C in heating to +43 °C in cooling.



Outdoor unit		Nominal capacity		$\eta_{s,c}$ (LOT21) ¹⁾	$\eta_{s,h}$ (LOT21) ¹⁾	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
1ph	16 HP U-16GF3E5	45.0	50.0	185.20%	139.20%	2255 x 1650 x 1000	775	37,148
	20 HP U-20GF3E5	56.0	63.0	198.80%	140.20%	2255 x 1650 x 1000	775	41,275
	25 HP U-25GF3E5	71.0	80.0	204.90%	150.90%	2255 x 2026 x 1000	880	44,704

Piping information				
Outdoor unit	HP	16	20	25
Piping diameter (liquid)	Inch	3/4	3/4	3/4
Piping diameter (gas)	Inch	1-1/8	1-1/8	1-1/8
Piping diameter (discharge)	Inch	7/8	1-1/8	1-1/8
Piping diameter (fuel gas)	Inch	3/4	3/4	3/4
Piping diameter (exhaust drain port)	mm	25	25	25
Piping diameter (hot water supply in/out)	Rp3/4 (Nut, thread)		Rp3/4 (Nut, thread)	Rp3/4 (Nut, thread)
Elevation difference (in / out)	m	50	50	50

Electrical information (power supply to indoor)				
Single phase				
Outdoor unit	HP	16	20	25
Recommended fuse	A	16	16	16

1) ErP test data.

2-Pipe Hybrid GHP/EHP

Intelligent technology taking advantage of Gas and Electricity to achieve better energy savings.
Long lifespan thanks to the optimal performance between GHP and EHP.
Operation range from -21 °C in heating to +43 °C in cooling.



Outdoor unit		Nominal capacity		$\eta_{s,c}$ (LOT21)	$\eta_{s,h}$ (LOT21)	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
1ph	20 HP Hybrid GHP U-20GES3E5	56.0	63.0	211.80%	143.20%	2255 x 1650 x 1000	765	41,590
3ph	10 HP Hybrid EHP U-10MES2E8	28.0	31.5	275.40%	167.60%	1842 x 770 x 1000	210	10,737

Piping information			
Outdoor unit	HP	20	10
Piping diameter (liquid)	Inch	5/8	3/8
Piping diameter (gas)	Inch	1-1/8	7/8
Piping diameter (balance)	Inch	1/4	1/4
Elevation difference (in / out)	m	—	—

Electrical information (power supply to indoor)			
Single phase		Three phase	
Outdoor unit	HP	20	10
Recommended fuse	A	16	16

ECO G with water heat exchanger for chilled and hot water production

Free DHW from waste heat of engine.
Hot water outlet temperatures from 35 °C to 55 °C.
Chilled water outlet temperatures from -15 °C to +15 °C.



Hydrokit							Outdoor unit		RRP		
	With A class water pump	Without pump	Nominal capacity		Energy efficiency class at 35 °C ¹⁾	$\eta_{s,h}$ (LOT21) ²⁾	Dimension / Weight (with pump) H x W x D mm / kg	Dimension / Weight H x W x D mm / kg	w pump	w/o pump	Outdoor
			Cool	Heat							
			kW	kW					£	£	£
1ph	50 kW PAW-500WP5G1	PAW-500W5G1	—	60.0	A+	130.00%	1000 x 575 x 1110 / 155 (165)	U-20GE3E5 2255 x 1650 x 1000 / 765	13,950	13,252	39,910
	71 kW PAW-710WP5G1	PAW-710W5G1	—	80.0	—	128.00%	1000 x 575 x 1110 / 160 (175)	U-30GE3E5 2255 x 2026 x 1000 / 880	16,044	15,241	47,650

Piping information			
Outdoor unit	kW	50	71
Piping diameter (liquid - gas)	Inch	5/8 - 1-1/8	3/4 - 1-3/8
Elevation difference (in / out)	m	50 (OU above) 35 (OU below)	50 (OU above) 35 (OU below)

Electrical information (power supply to indoor)			
Single phase			
Outdoor unit	kW	50	71
Recommended fuse	A	16	16

1) Unit efficiency energy level: Scale from A+++ to D. 2) ErP test data. Seasonal space cooling / heating energy efficiency following COMMISSION REGULATION (EU) 813/2013.

VRF Systems indoor units

Y3 type 4 way 60x60 cassette - R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

Stylish and full flat panel.

Panel (HxWxD / net weight): 30x625x625 mm / 2.8 kg.



nanoeX

Indoor unit				Nominal capacity		Dimension	Weight	Indoor £	RRP Panel £
				Cooling kW	Heating kW	H x W x D mm	kg		
1ph	1.5 kW	S-15MY3E	CZ-KPY4	1.5	1.7	243 x 575 x 575	17.8	998	245
	2.2 kW	S-22MY3E	CZ-KPY4	2.2	2.5	243 x 575 x 575	17.8	1,025	245
	2.8 kW	S-28MY3E	CZ-KPY4	2.8	3.2	243 x 575 x 575	17.8	1,054	245
	3.6 kW	S-36MY3E	CZ-KPY4	3.6	4.2	243 x 575 x 575	17.8	1,080	245
	4.5 kW	S-45MY3E	CZ-KPY4	4.5	5.0	243 x 575 x 575	17.8	1,169	245
	5.6 kW	S-56MY3E	CZ-KPY4	5.6	6.3	243 x 575 x 575	17.8	1,294	245

Piping information									
Indoor unit	kW	1.5	2.2	2.8	3.6	4.5	5.6		
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2		

NEW U2 type 4 way 90x90 cassette - R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

Advanced Econavi functions available (optional).

Panel (HxWxD / net weight): 33.5x950x950 mm / 5 kg.

New 2023



nanoeX

Indoor unit					Nominal capacity		Dimension H x W x D	Weight	RRP				
					Cool kW	Heat kW			Mark 3 £	Mark 2 £	Panel W £	Panel WA £	
1ph	NEW model with Generator Mark 3	Model with Generator Mark 2	Panels					kg					
	2.2 kW	S-22MU2E5BN	S-22MU2E5B	CZ-KPU3W	CZ-KPU3AW	2.2	2.5	256 x 840 x 840	19	1,099	1,057	222	301
	2.8 kW	S-28MU2E5BN	S-28MU2E5B	CZ-KPU3W	CZ-KPU3AW	2.8	3.2	256 x 840 x 840	19	1,128	1,085	222	301
	3.6 kW	S-36MU2E5BN	S-36MU2E5B	CZ-KPU3W	CZ-KPU3AW	3.6	4.2	256 x 840 x 840	19	1,167	1,123	222	301
	4.5 kW	S-45MU2E5BN	S-45MU2E5B	CZ-KPU3W	CZ-KPU3AW	4.5	5.0	256 x 840 x 840	19	1,246	1,198	222	301
	5.6 kW	S-56MU2E5BN	S-56MU2E5B	CZ-KPU3W	CZ-KPU3AW	5.6	6.3	256 x 840 x 840	19	1,319	1,269	222	301
	6.0 kW	S-60MU2E5BN	S-60MU2E5B	CZ-KPU3W	CZ-KPU3AW	6.0	7.1	256 x 840 x 840	20	1,344	1,293	222	301
	7.3 kW	S-73MU2E5BN	S-73MU2E5B	CZ-KPU3W	CZ-KPU3AW	7.3	8.0	256 x 840 x 840	20	1,372	1,320	222	301
	9.0 kW	S-90MU2E5BN	S-90MU2E5B	CZ-KPU3W	CZ-KPU3AW	9.0	10.0	256 x 840 x 840	20	1,515	1,457	222	301
	10,6 kW	—	S-106MU2E5B	CZ-KPU3W	CZ-KPU3AW	10.6	11.4	319 x 840 x 840	25	—	1,582	222	301
	11.2 kW	S-112MU2E5BN	—	CZ-KPU3W	CZ-KPU3AW	11.2	14.0	319 x 840 x 840	25	1,645	—	222	301
	14.0 kW	S-140MU2E5BN	S-140MU2E5B	CZ-KPU3W	CZ-KPU3AW	14.0	16.0	319 x 840 x 840	25	1,865	1,794	222	301
16.0 kW	S-160MU2E5BN	S-160MU2E5B	CZ-KPU3W	CZ-KPU3AW	16.0	18.0	319 x 840 x 840	25	2,039	1,961	222	301	

Piping information														
Indoor unit R32	kW	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	10.6	11.2	14.0	16.0	
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	
Indoor unit R410A	kW	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	10.6	11.2	14.0	16.0	
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	

L1 type 2 way cassette - R410A

Simple and easy maintenance.

Auto flat control depending on the operation mode.

Panel (HxWxD / net weight): 8x1060x680 mm / 8 kg.



Indoor unit				Nominal capacity		Dimension H x W x D mm	Weight kg	Indoor £	RRP Panel £
				Cooling kW	Heating kW				
1ph	2.2 kW	S-22ML1E5	CZ-02KPL2	2.2	2.5	350 x 840 x 600	26	1,303	393
	2.8 kW	S-28ML1E5	CZ-02KPL2	2.8	3.2	350 x 840 x 600	26	1,331	393
	3.6 kW	S-36ML1E5	CZ-02KPL2	3.6	4.2	350 x 840 x 600	26	1,411	393
	4.5 kW	S-45ML1E5	CZ-02KPL2	4.5	5.0	350 x 840 x 600	26	1,628	393
	5.6 kW	S-56ML1E5	CZ-02KPL2	5.6	6.3	350 x 840 x 600	26	1,669	393
	7.3 kW	S-73ML1E5	CZ-03KPL2	7.3	8.0	350 x 1140 x 600	26	1,729	467

Piping information							
Indoor unit	kW	2.2	2.8	3.6	4.5	5.6	7.3
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8

VRF Systems indoor units

D1 type 1 way cassette - R410A

Suitable for standard and high ceilings.

Easy to installation and maintenance.

Panel (H x W x D / net weight): 20 x 1230 x 800 mm / 7.5 kg.



Indoor unit				Nominal capacity		Dimension	Weight	RRP	
				Cooling	Heating	H x W x D		Indoor	Panel
				kW	kW	mm	kg	£	£
1ph	2.8 kW	S-28MD1E5	CZ-KPD2	2.8	3.2	200 x 1000 x 710	23.5	1,418	414
	3.6 kW	S-36MD1E5	CZ-KPD2	3.6	4.2	200 x 1000 x 710	23.5	1,500	414
	4.5 kW	S-45MD1E5	CZ-KPD2	4.5	5.0	200 x 1000 x 710	23.5	1,560	414
	5.6 kW	S-56MD1E5	CZ-KPD2	5.6	6.3	200 x 1000 x 710	23.5	1,596	414
	7.3 kW	S-73MD1E5	CZ-KPD2	7.3	8.0	200 x 1000 x 710	24.5	1,776	414

Piping information													
Indoor unit	kW	2.8	3.6	4.5	5.6	7.3							
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8							

New F3 type variable static pressure adaptive duct - R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

2 installation possibilities (horizontal / vertical) with high ESP Maximum 150 Pa.

New 2023

nanoeX



Indoor unit				Nominal capacity		External static pressure	Dimension	Weight	RRP	
				Cooling	Heating	Pa	H x W x D		R32	R410A
				kW	kW		mm	kg	£	£
1ph	1.5 kW	S-15MF3E5BN	S-15MF3E5AN	1.5	1.7	30 (10-150)	250 x 800 x x 730	26	1,279	1,033
	2.2 kW	S-22MF3E5BN	S-22MF3E5AN	2.2	2.5	30 (10-150)	250 x 800 x x 730	26	1,361	1,109
	2.8 kW	S-28MF3E5BN	S-28MF3E5AN	2.8	3.2	30 (10-150)	250 x 800 x x 730	26	1,390	1,136
	3.6 kW	S-36MF3E5BN	S-36MF3E5AN	3.6	4.2	30 (10-150)	250 x 800 x x 730	26	1,417	1,160
	4.5 kW	S-45MF3E5BN	S-45MF3E5AN	4.5	5.0	30 (10-150)	250 x 800 x x 730	26	1,474	1,213
	5.6 kW	S-56MF3E5BN	S-56MF3E5AN	5.6	6.3	30 (10-150)	250 x 800 x x 730	26	1,529	1,264
	6.0 kW	S-60MF3E5BN	S-60MF3E5AN	6.0	7.1	30 (10-150)	250 x 1000 x x 730	31	1,663	1,386
	7.3 kW	S-73MF3E5BN	S-73MF3E5AN	7.3	8.0	30 (10-150)	250 x 1000 x x 730	31	1,704	1,425
	9.0 kW	S-90MF3E5BN	S-90MF3E5AN	9.0	10.0	40 (10-150)	250 x 1000 x x 730	31	1,787	1,500
	11.2 kW	S-112MF3E5BN	S-112MF3E5AN	10.6	11.4	40 (10-150)	250 x 1400 x x 730	40	2,002	1,714
	14.0 kW	S-140MF3E5BN	S-140MF3E5AN	14.0	16.0	50 (10-150)	250 x 1400 x x 730	40	2,120	1,808
	16.0 kW	S-160MF3E5BN	S-160MF3E5AN	16.0	18.0	50 (10-150)	250 x 1400 x x 730	40	2,300	1,974

Piping information															
Indoor unit R32	kW	1.5	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	11.2	14.0	16.0		
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8		
Indoor unit R410A	kW	1.5	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	11.2	14.0	16.0		
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8		

New F3 type variable static pressure adaptive duct - R32 / R410A.

nanoeX

Adaptive ducted unit is a market leading model that offers high flexibility such as vertical installation availability with external static pressure maximum 150 Pa. Also ensuring the premium comfort with super quiet operation and upgraded nanoe™ X.

- Only 250 mm high
- Up to 150 Pa
- Vertical installation
- 22 dB(A) (1.5 ~ 4.5 kW models)
- Built-in nanoe X Generator Mark 3



S-***MF3E5BN / S-***MF3E5AN



VRF Systems indoor units

F3 type variable static pressure adaptive duct · R32 / R410A

nanoe™ X (Generator Mark 2).

2 installation possibilities (horizontal / vertical) with high ESP Maximum 150 Pa.

nanoe™ X



Indoor unit			Nominal capacity		External static pressure	Dimension	Weight	RRP		
			Cooling	Heating				R32	R410A	
	R32 indoor unit	R410A indoor unit	kW	kW	Pa	H x W x D mm	kg	£	£	
1ph	1.5 kW	S-15MF3E5B	S-15MF3E5A	1.5	1.7	30 [10-150]	250 x 800 x x 730	26	1,231	993
	2.2 kW	S-22MF3E5B	S-22MF3E5A	2.2	2.5	30 [10-150]	250 x 800 x x 730	26	1,309	1,067
	2.8 kW	S-28MF3E5B	S-28MF3E5A	2.8	3.2	30 [10-150]	250 x 800 x x 730	26	1,337	1,092
	3.6 kW	S-36MF3E5B	S-36MF3E5A	3.6	4.2	30 [10-150]	250 x 800 x x 730	26	1,363	1,116
	4.5 kW	S-45MF3E5B	S-45MF3E5A	4.5	5.0	30 [10-150]	250 x 800 x x 730	26	1,418	1,167
	5.6 kW	S-56MF3E5B	S-56MF3E5A	5.6	6.3	30 [10-150]	250 x 800 x x 730	26	1,471	1,216
	6.0 kW	S-60MF3E5B	S-60MF3E5A	6.0	7.1	30 [10-150]	250 x 1000 x x 730	31	1,599	1,334
	7.3 kW	S-73MF3E5B	S-73MF3E5A	7.3	8.0	30 [10-150]	250 x 1000 x x 730	31	1,639	1,371
	9.0 kW	S-90MF3E5B	S-90MF3E5A	9.0	10.0	40 [10-150]	250 x 1000 x x 730	31	1,719	1,443
	10.6 kW	S-106MF3E5B	S-106MF3E5A	10.6	11.4	40 [10-150]	250 x 1400 x x 730	40	1,925	1,634
	14.0 kW	S-140MF3E5B	S-140MF3E5A	14.0	16.0	50 [10-150]	250 x 1400 x x 730	40	2,040	1,739
	16.0 kW	S-160MF3E5B	S-160MF3E5A	16.0	18.0	50 [10-150]	250 x 1400 x x 730	40	2,212	1,899

Piping information

Indoor unit R32	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
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Indoor unit R410A	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
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8

M1 type slim variable static pressure hide-away concealed duct · R32 / R410A

Ultra-slim profile: 200 mm for all capacities.

Ideal for hotel application with very narrow false ceilings.



Indoor unit			Nominal capacity		External static pressure	Dimension	Weight	RRP
			Cooling	Heating				
			kW	kW	Pa	H x W x D mm	kg	£
1ph	1.5 kW	S-15MM1E5B	1.5	1.7	10 [30]	200 x 750 x 640	19	942
	2.2 kW	S-22MM1E5B	2.2	2.5	10 [30]	200 x 750 x 640	19	951
	2.8 kW	S-28MM1E5B	2.8	3.2	15 [30]	200 x 750 x 640	19	981
	3.6 kW	S-36MM1E5B	3.6	4.2	15 [40]	200 x 750 x 640	19	1,022
	4.5 kW	S-45MM1E5B	4.5	5.0	15 [40]	200 x 750 x 640	19	1,064
	5.6 kW	S-56MM1E5B	5.6	6.3	15 [40]	200 x 750 x 640	19	1,114

Piping information

Indoor unit	kW	1.5	2.2	2.8	3.6	4.5	5.6
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2

New Y3 / U2 / F3 indoor units with upgraded nanoe™ X (Generator Mark 3).

The nanoe X Generator Mark 3 has the largest amount of hydroxyl radical in the history of nanoe™ which generates 100 times the hydroxyl radical contained in traditional nanoe™.

The increased number of hydroxyl radical are the key to nanoe™ cleaning power, means you can expect an even higher level of performance.

nanoe™ X



Y3 type 4 way 60x60 cassette



U2 type 4 way 90x90 cassette*



F3 type variable static pressure adaptive duct*

Bacteriophage inhibition 99% in 4 hours at the room size 139 m² 1)

* Available in Summer 2023. 1) [Test organization] SGS Inc. [Test subject] Adhesive virus (bacteriophage) [Test volume] 139 m² [Test result] Inhibited 99% in 4 hours [Device type] nanoe X Generator Mark 3, Internal unit: 4 way cassette.

VRF Systems indoor units

E2 type high static pressure hide-away · R410A

High pressure duct and 100% Fresh air duct function.
Complete flexibility for ductwork design.

* Optional Rap valves required.



Indoor unit			100% Fresh air duct function		High pressure duct		External static pressure		Dimension	Weight	RRP
			Nominal capacity		Nominal capacity		100% Fresh air		HxWxD		
			Cool	Heat	Cool	Heat	Pa	Pa	mm	kg	£
			kW	kW	kW	kW					
1ph	22.4 kW	S-224ME2E5	22.4	21.2	22.4	25.0	200	140 (60 - 270) ¹⁾	479 x 1453 x 1205	102	5,486
	28.0 kW	S-280ME2E5	28.0	26.5	28.0	31.5	200	140 (72 - 270) ¹⁾	479 x 1453 x 1205	106	5,894

Piping information

Indoor unit	kW	1.5	2.2
Piping diameter (liquid - gas)	Inch	3/8 - 3/4	3/8 - 7/8

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. * No filter included. ** No compatible with 3-Pipe ECO G GF3.

Heat recovery with DX coil · R410A

High efficiency enthalpic heat recover.
Easy maintenance thanks to removable side panel.
ISO16890 ePm2.5 95% (F9 EN 779) efficiency class filter.



Indoor unit			Heat recovery						DX coil						RRP
			Temperature efficiency		Enthalpy efficiency		Saved power summer mode or winter mode		Total / Sensible capacity		OFF temperature		OFF relative humidity		
			Cool	Heat	Cool	Heat	Cool	Heat	Cool	Heat	Cool	Heat	Cool	Heat	£
			%	%	%	%	kW	kW	kW	kW	°C	°C	%	%	
1ph	3.0 kW	PAW-500ZDX3N	76	76	63	67	1.70	4.30 (4.80)	3.00/2.10	2.50/2.70	15.9	28.0 (27.3)	90	16 (15)	4,190
	5.1 kW	PAW-800ZDX3N	76	76	63	65	2.50	6.50 (7.30)	5.10/3.50	4.40/4.80	15.5	29.6 (29.0)	90	14 (13)	4,992
	5.8 kW	PAW-01KZDX3N	76	76	60	62	3.20	8.20 (9.00)	5.80/4.10	5.20/6.70	16.2	28.5 (27.8)	89	15 (14)	5,359

Piping information

Indoor unit	kW	3.0	5.1	5.8
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2

T2 type ceiling · R410A

Large and wide air distribution good for big rooms.
All units just 235 mm high.
Horizontal air flow reaches maximum 9.5 m.



Indoor unit			Nominal capacity		Dimension	Weight	RRP
			Cooling	Heating	HxWxD		
			kW	kW	mm	kg	£
1ph	3.6 kW	S-36MT2E5A	3.6	4.2	235 x 960 x 690	27	1,426
	4.5 kW	S-45MT2E5A	4.5	5.0	235 x 960 x 690	27	1,500
	5.6 kW	S-56MT2E5A	5.6	6.3	235 x 960 x 690	27	1,572
	7.3 kW	S-73MT2E5A	7.3	8.0	235 x 1275 x 690	33	1,640
	10.6 kW	S-106MT2E5A	10.6	11.4	235 x 1590 x 690	40	1,999
	14.0 kW	S-140MT2E5A	14.0	16.0	235 x 1590 x 690	40	2,284

Piping information

Indoor unit	kW	3.6	4.5	5.6	7.3	10.6	14.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8

VRF Systems indoor units

K2 type wall-mounted · R32 / R410A

Compact lightweight units for easy installation.

Quiet operation.

Piping outlet in six directions.



Indoor unit	Nominal capacity		Dimension H x W x D mm	Weight kg	RRP £
	Cooling kW	Heating kW			
1ph	1.5 kW S-15MK2E5B	1.7	290 x 870 x 214	9	720
	2.2 kW S-22MK2E5B	2.5	290 x 870 x 214	9	745
	2.8 kW S-28MK2E5B	3.2	290 x 870 x 214	9	744
	3.6 kW S-36MK2E5B	4.2	290 x 870 x 214	9	782
	4.5 kW S-45MK2E5B	5.0	302 x 1120 x 236	13	896
	5.6 kW S-56MK2E5B	6.3	302 x 1120 x 236	13	951
	7.3 kW S-73MK2E5B	8.0	302 x 1120 x 236	14	1,128
	10.6 kW S-106MK2E5B	11.4	302 x 1120 x 236	14	1,157

Piping information

Indoor unit	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.3	10.6
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8

G1 type floor console · R410A

nanoe™ X (Generator Mark 1).

Modern design with slim depth.

Self-cleaning function available.



nanoeX

Indoor unit	Nominal capacity		Dimension H x W x D mm	Weight kg	RRP £
	Cooling kW	Heating kW			
1ph	2.2 kW S-22MG1E5N	2.5	600 x 750 x 207	14	1,455
	2.8 kW S-28MG1E5N	3.2	600 x 750 x 207	14	1,529
	3.6 kW S-36MG1E5N	4.2	600 x 750 x 207	14	1,609
	4.5 kW S-45MG1E5N	5.0	600 x 750 x 207	14	1,699
	5.6 kW S-56MG1E5N	6.3	600 x 750 x 207	14	1,826

Piping information

Indoor unit	kW	2.2	2.8	3.6	4.5	5.6
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2

P1 type floor-standing · R410A

Easy to install.

Effective perimeter handling.



Indoor unit	Nominal capacity		Dimension H x W x D mm	Weight kg	RRP £
	Cooling kW	Heating kW			
1ph	2.2 kW S-22MP1E5	2.5	615 x 1065 x 230	29	1,453
	2.8 kW S-28MP1E5	3.2	615 x 1065 x 230	29	1,456
	3.6 kW S-36MP1E5	4.2	615 x 1065 x 230	29	1,491
	4.5 kW S-45MP1E5	5.0	615 x 1380 x 230	39	1,696
	5.6 kW S-56MP1E5	6.3	615 x 1380 x 230	39	1,714
	7.3 kW S-71MP1E5	8.0	615 x 1380 x 230	39	1,807

Piping information

Indoor unit	kW	2.2	2.8	3.6	4.5	5.6	7.3
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8

VRF Systems indoor units

R1 type concealed floor-standing · R410A

Chassis unit for discreet installation.
Just 229 mm depth.
Easy to install.



Indoor unit		Nominal capacity		Dimension	Weight	RRP
		Cooling kW	Heating kW	H x W x D mm	kg	
1ph	2.2 kW S-22MR1E5	2.2	2.5	616 x 904 x 229	21	1,258
	2.8 kW S-28MR1E5	2.8	3.2	616 x 904 x 229	21	1,331
	3.6 kW S-36MR1E5	3.6	4.2	616 x 904 x 229	21	1,411
	4.5 kW S-45MR1E5	4.5	5.0	616 x 1219 x 229	28	1,489
	5.6 kW S-56MR1E5	5.6	6.3	616 x 1219 x 229	28	1,600
	7.3 kW S-71MR1E5	7.1	8.0	616 x 1219 x 229	28	1,630

Piping information							
Indoor unit	kW	2.2	2.8	3.6	4.5	5.6	7.3
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8

Hydrokit for ECOi, water at 45 °C · R410A

Maximum hot water outlet temperature: 45 °C.
Compatible with 3-Pipe ECOi (VRF) System up to 48 HP.



Indoor unit		Nominal capacity		Dimension	Weight	RRP
		Cooling kW	Heating kW	H x W x D mm	kg	
1ph	8.0 kW S-80MW1E5	8.0	9.0	892 x 502 x 353	43	3,226
	12.5 kW S-125MW1E5	12.5	14.0	892 x 502 x 353	43	3,870

Piping information							
Indoor unit	kW	2.2	2.8				
Piping diameter (liquid - gas)	Inch	3/8 - 5/8	3/8 - 5/8				

PRO-HT Tank Series for ECOi

PRO-HT Tank DHW

PRO-HT TANK

Domestic hot water tank for ECOi Series.

Maximum hot water outlet temperature 65 °C without boosters.
Water volume 750 L and 1000 L.
Compatible with 3-Pipe ECOi (VRF) System 16 HP.



Tank (PAW-G3KITL: Include with PAW-VP****LDHW-1-G3L)							Outdoor unit			RRP	
		COP DHW EN 16147		Water volume (net) L	Dimension H x Ø mm	Weight / with water kg	Dimension H x W x D mm	Weight kg	Tank	Outdoor	
		A +7 °C, W 10-55 °C	A +15 °C, W 10-55 °C						£	£	
1ph	PAW-VP750LDHW-1-G3L	5.29	7.01	726	1855x990	179/905	U-16MF3E8	1842x1180x1000	334	15,314	14,324
	PAW-VP1000LDHW-1-G3L	4.81	5.32	933	2210x990	191/1124	U-16MF3E8	1842x1180x1000	334	16,220	14,324

Piping information		
Outdoor unit	HP	16
Piping diameter (liquid)	Inch	1/2 / 5/8
Piping diameter (discharge)	Inch	7/8 / 1 1/8
Piping diameter (suction)	Inch	1-1/8 / 1-3/8
Piping diameter (balance)	Inch	1/4
Elevation difference (in / out)	m	30 (OU above) 30 (OU below)
Pre-charged pipe length	m	> 7.5
Additional gas amount	g/m	Refer to manual

Required accessories		RRP £
PAW-VP-RTC5B-VRF	Tank Controller for ECOi system.	1,499

Electrical information (power supply to outdoor and tank controller)		
Three phase		
Outdoor unit	HP	16
Recommended fuse	A	30
Connection in. / out.	mm ²	—
Tank heater	kW	6.0
Recommended fuse	A	16

Electrical information (tank controller)	
Recommended fuse	A 2



Distribution joint kits		RRP €
2-Pipe ME2 for outdoor units (up to 68.0 kW).	CZ-P680PH2BM	174
2-Pipe ME2 for outdoor units (from 68.0 kW to 168.0 kW).	CZ-P1350PH2BM	240
2-Pipe ME2 and Mini ECOi for indoor units (up to 22.4 kW*).	CZ-P224BK2BM	99
2-Pipe ME2 for indoor units (from 22.4 kW to 68.0 kW*).	CZ-P680BK2BM	164
2-Pipe ME2 for indoor units (from 68.0 kW to 168.0 kW*).	CZ-P1350BK2BM	223
3-Pipe MF3 for outdoor units (up to 68.0 kW).	CZ-P680PJ2BM	297
3-Pipe MF3 for outdoor units (from 68.0 kW to 135.0 kW).	CZ-P1350PJ2BM	508
3-Pipe MF3 for indoor units (up to 22.4 kW).	CZ-P224BH2BM	117
3-Pipe MF3 for indoor units (from 22.4 kW to 68.0 kW).	CZ-P680BH2BM	293
3-Pipe MF3 for indoor units (up to 68.0 kW).	CZ-P1350BH2BM	309
2-Pipe ME2 header pipe.	CZ-P4HP4C2BM	274
3-Pipe MF3 header pipe.	CZ-P4HP3C2BM	187

* In case the total capacity of indoor units connected after distribution exceeds the total capacity of the outdoor units, select the distribution piping size for the total capacity of the outdoor units.

Heat recovery box		RRP €
	3-Pipe control Solenoid valve kit (up to 5.6 kW). KIT-P56HR3	542
	3-Pipe control Solenoid valve kit (from 5.6 to 16.0 kW). KIT-P160HR3	637
	Solenoid valve kit (up to 5.6 kW). CZ-P56HR3	443
	Solenoid valve kit (from 5.6 kW to 16.0 kW). CZ-P160HR3	538
	3-Pipe control PCB. CZ-CAPE2	99
	3-Pipe control PCB for wall-mounted. CZ-CAPEK2	108
	4 ports 3 pipe box (up to 5.6 kW per port). CZ-P456HR3	2,699
	6 ports 3 pipe box (up to 5.6 kW per port). CZ-P656HR3	3,704
	8 ports 3 pipe box (up to 5.6 kW per port). CZ-P856HR3	5,049
	4 ports 3 pipe box (up to 16.0 kW per port). CZ-P4160HR3	3,009

Panels		RRP €
	Standard panel for 4 way 90x90 cassette. CZ-KPU3W	222
	Econavi panel for 4 way 90x90 cassette. CZ-KPU3AW	301
	Panel for 4 way 60x60 cassette - MY3. CZ-KPY4	245
	Panel for 2 way cassette (for S-22 to S-56 models). CZ-02KPL2	393
	Panel for 2 way cassette (for S-73 model). CZ-03KPL2	467
	Panel for 1 way cassette. CZ-KPD2	414

Sensors		RRP €
	Panasonic R32 refrigerant leak detector for MU2, MY3, MM1 and MK2 models. CZ-CGLSC1	174
	Econavi energy saving sensor. CZ-CENSC1	164
	Remote temperature sensor. CZ-CSRC3	118

Plenums		RRP €
	Air outlet plenum for MF3 15, 22, 28, 36, 45 and 56. CZ-56DAF2	187
	Air outlet plenum for MF3 60, 73 and 90. CZ-90DAF2	229
	Air outlet plenum for MF3 106, 112, 140 and 160. CZ-160DAF	263
	Air inlet plenum for MF3 15, 22, 28, 36, 45 and 56. CZ-DUMPA56MF2	271
	Air inlet plenum for MF3 60, 73 and 90. CZ-DUMPA90MF2	294
	Air inlet plenum for MF3 106, 112, 140 and 160. CZ-DUMPA160MF2	316
	Air inlet plenum for MM1 22, 28, 36, 45 and 56. CZ-DUMPA22MMR2	299
	Air outlet plenum for MM1 22, 28 and 36. CZ-DUMPA22MMS2	468
	Air outlet plenum for MM1 45 and 56. CZ-DUMPA45MMS3	600

* Plenums installed with an R32 Mini ECOi system may only be used when no Panasonic R32 refrigerant leak detector is required. Please refer to technical data manual for refrigerant installation requirements.

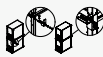
Valves		RRP €
	E2 type high static pressure hide-away rap valve kit for 100% Fresh air function. CZ-P160RVK2	637
	Wall-mounted external valve for model sizes 15 to 56. CZ-P56SVK2	195
	Wall-mounted external valve for model sizes 60 to 106. CZ-P160SVK2	247

VRF Smart Connectivity+		RRP €
	Remote controller Panasonic Net Con, RH, No PIR, R1/R2. SER8150R0B1194	560
	Remote controller Panasonic Net Con, RH, PIR, R1/R2. SER8150R5B1194	598
	Wireless ZigBee® Pro module / Green Com card. VCM8000V5094P	201
	Hotel room expansion module 14 indoor units. HRCEP14R	356
	Hotel room controller 28 indoor units. HRCBP6G28R	945
	Hotel room controller w/Display 42 indoor units. HRCPDG42R	1,205
	Door / window wireless sensor. SED-WDC-G-5045	230
	Wall / ceiling (motion) wireless sensor. SED-MTH-G-5045	281
	CO ₂ sensor. SED-CO2-G-5045	723
	Sensor with room temperature and humidity. SED-TRH-G-5045	227
	Water leakage sensor. SED-WLS-G-5045	220
	Cover frame. Silver. FAS-00	47
	Cover frame. White. FAS-01	47
	Cover frame. Glossy translucent white. FAS-03	83
	Cover frame. Light tan wood. FAS-05	64
	Cover frame. Dark brown wood. FAS-06	64
	Cover frame. Dark black wood. FAS-07	64
	Cover frame. Brushed steel finish. FAS-10	83

Controller and touch controllers for hotels with dry contacts			RRP £
	Modbus RS-485 touch room controller with I/O, White.	PAW-RE2C4-MOD-WH	482
	Touch display control with 2 digital inputs, White.	PAW-RE2D4-WH	294
	Modbus RS-485 touch room controller with I/O, Black.	PAW-RE2C4-MOD-BK	482
	Touch display control with 2 digital inputs, Black.	PAW-RE2D4-BK	294
Hotel sensors for dry contacts			RRP £
	Wall motion sensor 24 V.	PAW-WMS-DC	201
	Wall motion sensor 240 V AC.	PAW-WMS-AC	201
	Ceiling motion sensor 24 V.	PAW-CMS-DC	201
	Ceiling motion sensor 240 V AC.	PAW-CMS-AC	201
	Power supply 24 V.	PAW-24DC	64
	Door or window contact.	PAW-DWC	21
Centralised controls			RRP £
	System controller for 64 indoor units with weekly timer.	CZ-64ESMC3	828
	Central ON / OFF controller, up to 16 groups, 64 indoor units.	CZ-ANC3	560
	Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR).	CZ-256ESMC3	3,102
Centralised controls. BMS system. PC base			RRP £
	P-AIMS core software: Centralised software to control up to 1024 indoor units.	CZ-CSWKC2	4,486
	P-AIMS consumption calculation extension.	CZ-CSWAC2	2,564
	P-AIMS BACnet extension.	CZ-CSWBC2	5,126
	P-AIMS layout display extension.	CZ-CSWGC2	1,924
	P-AIMS web application extension.	CZ-CSWWC2	1,924
	P-AIMS communication adaptor.	CZ-CFUNC2	1,304
Panasonic AC Smart Cloud			RRP £
	Panasonic AC Smart Cloud. Cloud internet control. Up to 128 groups. Controls 128 units.	CZ-CFUSCC1	
Detailed references is in page 61.			
BMS interface with S-Link			RRP £
	Modbus RTU and TCP interface for 16 indoor units.	PAW-AC2-MBS-16P	2,420
	Modbus RTU and TCP interface for 64 indoor units.	PAW-AC2-MBS-64P	3,474
	Modbus RTU and TCP interface for 128 indoor units.	PAW-AC2-MBS-128P	4,651
	KNX interface for 16 indoor units.	PAW-AC2-KNX-16P	2,420
	KNX interface for 64 indoor units.	PAW-AC2-KNX-64P	3,474
	BACnet IP and MSTP interface for 16 indoor units.	PAW-AC2-BAC-16P	2,420
	BACnet IP and MSTP interface for 64 indoor units.	PAW-AC2-BAC-64P	3,474
	BACnet IP and MSTP interface for 128 indoor units.	PAW-AC2-BAC-128P	4,651

Accessories interfaces			RRP £
	Commercial Wi-Fi Adaptor.	CZ-CAPWFC1	191
	KNX interface.	PAW-RC2-KNX-1i	376
	Modbus RTU interface.	PAW-RC2-MBS-1	376
	Modbus RTU interface to control 4 indoor/groups.	PAW-RC2-MBS-4	871
	BACnet IP and MSTP.	PAW-RC2-BAC-1	622
	KNX interface (Airzone).	PAW-AZRC-KNX-1	320
	Modbus RTU interface (Airzone).	PAW-AZRC-MBS-1	320
	BACnet IP and MSTP interface (Airzone).	PAW-AZRC-BAC-1	585
	RAC interface adapter for integration into S-Link, plus external input and alarm/status output (for YKEA units).	CZ-CAPRA1	178
	LonWorks® Interface controls up to 16 groups and 64 indoor units.	CZ-CLNC2	1,304
Centralised controls. Connection with general equipment			RRP £
	Adaptor for ON / OFF control of external devices.	CZ-CAPC3	356
	Demand control for Mini ECOi and PACi outdoor units.	CZ-CAPDC3	643
	Mini series parallel device controlling indoor units, maximum 1 group and 8 indoor unit.	CZ-CAPBC2	298
	Communication Adaptor. Up to 128 groups. Controls 128 units.	CZ-CFUNC2	1,304
Individual controls			RRP £
	CONEX wired remote controller (non-wireless), white.	CZ-RTC6W ¹¹	157
	CONEX wired remote controller with Bluetooth®, white.	CZ-RTC6WBL ¹¹	187
	CONEX wired remote controller (non-wireless), black.	CZ-RTC6	157
	CONEX wired remote controller with Bluetooth®, black.	CZ-RTC6BL	187
	Design wired remote controller with Econavi function.	CZ-RTC5B	157
	Infrared remote controller and receiver for 4 way 60x60 cassette - PY3 with panel.	CZ-RWS3 + CZ-RWRY3	234
	Infrared remote controller and receiver for 4 way 90x90 cassette.	CZ-RWS3 + CZ-RWRU3W	301
	Infrared remote controller and receiver for 2 way cassette.	CZ-RWS3 + CZ-RWRL3	301
	Infrared remote controller and receiver for 1 way cassette.	CZ-RWS3 + CZ-RWRD3	301
	Infrared remote controller and receiver for ceiling.	CZ-RWS3 + CZ-RWRT3	301
	Infrared remote controller for wall-mounted and floor console.	CZ-RWS3	118
	Infrared remote controller and receiver for all indoor units.	CZ-RWS3 + CZ-RWRC3	301

Accessories PCB			RRP £
	T10 interface PCB with digital and relay connections.	PAW-T10	109
	PCB for fan speed control of external EC Fan.	PAW-ECF	TBC
R-22 Replacement Kit			RRP £
	Replacement kit for R-22.	CZ-SLK2	387
Accessories cables			RRP £
	Cable for all the T10 functions.	CZ-T10	52

	Cable to operate external EC fan.	PAW-FDC	52
	Cable for all option monitoring signals.	PAW-OCT	52
	Cable with force thermo OFF/leakage detection.	PAW-EXCT	52
Water heat exchanger accessories			RRP £
	Stacking kit for vertically stacking up to 3 WHE (4 pieces per Kit).	PAW-3WSK	198
PRO-HT Tank accessories			RRP £
	Tank Controller for ECOi system.	PAW-VP-RTC5B-VRF	1,499
	Expansion valve kit 28 kW.	PAW-VP-VALV-280	113

1) Available in Autumn 2023.

Panasonic AC Smart Cloud AC Service Cloud					NET £
					
Product	Reference	Included in a kit	Description		
Up to 32 indoor units	Cloud base kit	KIT-ACSCBASE32	CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART32 AC Smart Cloud start up to 32 indoor units		224
	AC Smart Cloud access fee	SR-ACSC1Y32	AC Smart Cloud access fee for 1 year		108
		SR-ACSC3Y32	AC Smart Cloud access fee for 3 years		268
		SR-ACSC5Y32	AC Smart Cloud access fee for 5 years		425
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y32CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Up to 64 indoor units	Cloud base kit	KIT-ACSCBASE64	CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART64 AC Smart Cloud start up to 64 indoor units		358
	AC Smart Cloud access fee	SR-ACSC1Y64	AC Smart Cloud access fee for 1 year		161
		SR-ACSC3Y64	AC Smart Cloud access fee for 3 years		402
		SR-ACSC5Y64	AC Smart Cloud access fee for 5 years		643
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y64CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Up to 128 indoor units	Cloud base kit	KIT-ACSCBASE128	CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART128 AC Smart Cloud start up to 128 indoor units		536
	AC Smart Cloud access fee	SR-ACSC1Y128	AC Smart Cloud access fee for 1 year		233
		SR-ACSC3Y128	AC Smart Cloud access fee for 3 years		581
		SR-ACSC5Y128	AC Smart Cloud access fee for 5 years		929
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y128CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Up to 192 indoor units	Cloud base kit	KIT-ACSCBASE192	2x CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART192 AC Smart Cloud start up to 192 indoor units		643
	AC Smart Cloud access fee	SR-ACSC1Y192	AC Smart Cloud access fee for 1 year		302
		SR-ACSC3Y192	AC Smart Cloud access fee for 3 years		755
		SR-ACSC5Y192	AC Smart Cloud access fee for 5 years		1,208
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y192CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Up to 256 indoor units	Cloud base kit	KIT-ACSCBASE256	2x CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART256 AC Smart Cloud start up to 256 indoor units		804
	AC Smart Cloud access fee	SR-ACSC1Y256	AC Smart Cloud access fee for 1 year		372
		SR-ACSC3Y256	AC Smart Cloud access fee for 3 years		929
		SR-ACSC5Y256	AC Smart Cloud access fee for 5 years		1,486
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y256CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Up to 320 indoor units	Cloud base kit	KIT-ACSCBASE320	3x CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART320 AC Smart Cloud start up to 320 indoor units		925
	AC Smart Cloud access fee	SR-ACSC1Y320	AC Smart Cloud access fee for 1 year		427
		SR-ACSC3Y320	AC Smart Cloud access fee for 3 years		1,068
		SR-ACSC5Y320	AC Smart Cloud access fee for 5 years		1,709
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y320CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Up to 512 indoor units	Cloud base kit	KIT-ACSCBASE512	4x CZ-CFUSCC1 Cloud adapter for ECOi. PACi and ECO G ¹⁾		468
			SR-ACSCSTART512 AC Smart Cloud start up to 512 indoor units		1,286
	AC Smart Cloud access fee	SR-ACSC1Y512	AC Smart Cloud access fee for 1 year		595
		SR-ACSC3Y512	AC Smart Cloud access fee for 3 years		1,486
		SR-ACSC5Y512	AC Smart Cloud access fee for 5 years		2,377
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y512CNT	AC Smart Cloud access fee for 1 year with data connectivity		TBC
Options					RRP £
					
Service function	Panasonic AC Service Cloud	SR-ACSC1Y32M	AC Service Cloud access for 1 year up to 32 indoor units		108
	System Health Check ²⁾	SR-ACSC1Y32SHC	System Health Check access for 1 year up to 32 indoor units		59
Floor map ³⁾		SR-ACSC1FLRUP	Upload 1 floor map or maximum 32 units		224
Floor map ³⁾		SR-ACSC1FLRCP	Create 1 floor map or maximum 32 units		358
Indoor assign ³⁾		SR-ACSC32ASSIGN	Assign indoors up to 32 units		224
4G connectivity kit ⁴⁾		KIT-ACSC4GCNT	PAW-ACSCRTR4G AC Smart Cloud 4G connection kit including 4G router and SIM card		190
			PAW-ACSCSIM		9
4G Router		PAW-ACSCRTR4G	4G Router for Panasonic AC Smart Cloud		190
SIM card		PAW-ACSCSIM	SIM card without data amount		9

* One cloud adapter is required per 128 indoor units. 1) The adapter has to be sold always together with start up. 2) AC Service Cloud is required to use this function. 3) Floor map and indoor assignments can be done by customer without additional charge. 4) Data amount of SIM card is not included.

Panasonic ventilation solutions

Panasonic ventilation solutions for maximum savings and easy integration.



Ceiling mounted air-e nanoe X Generator.

First standalone nanoe X Generator available. Compact and modern design match well into any ceiling materials.

- Quiet operation - at 27 dB(A)
- Low power consumption
- Easy Installation
- nanoe™ X is a filter free solution that does not require maintenance



New Energy recovery ventilation.

Extended line-up covering 2000 m³/h model meet variety of commercial use.

- F7 grade filter built-in all models
- Independent motors equipped for air supply/exhaust
- Easily adjust air volume balance - 4 speeds setting for air supply / exhaust
- Intuitive control design
- BMS connection available (RS485 built-in controller)

New 2023



Page		3.6 kW	5.0 kW	6.0 kW	7.5 kW	10.0 kW	12.5 kW	14.0 kW	20.0 kW	25.0 kW
AHU connection kit for PACi NX and PACi										
P. 64		PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1	PAW-280PAH3M-1

Page		5 HP	10 HP	20 HP	30 HP	40 HP	50 HP	60 HP
NEW AHU connection kit for ECOi and ECO G								
P. 64		PAW-160MAH3M	PAW-280MAH3M	PAW-560MAH3M	PAW-280MAH3M PAW-560MAH3M	PAW-560MAH3M PAW-560MAH3M	PAW-560MAH3M PAW-560MAH3M PAW-280MAH3M	PAW-560MAH3M PAW-560MAH3M PAW-560MAH3M

Page		150 m³/h	250 m³/h	350 m³/h	500 m³/h	650 m³/h	800 m³/h	1000 m³/h	1500 m³/h	2000 m³/h
NEW Advanced energy recovery ventilation										
P. 65		FV-15ZY1G	FV-25ZY1G	FV-35ZY1G	FV-50ZY1G	FV-65ZY1G	FV-80ZY1G	FV-1KZY1G	FV-1HZY1G	FV-2KZY1G

Page		250 m³/h	350 m³/h	500 m³/h	800 m³/h	1000 m³/h
Energy recovery ventilation						
P. 65		FY-250ZDY8R	FY-350ZDY8R	FY-500ZDY8R	FY-800ZDY8R	FY-01KZDY8R

Page	Outdoor unit capacity	PACi	7.1 kW	10.0 kW	14.0 kW	20.0 kW
		VRF	4 HP	4 HP	5 HP	8 HP
Air curtain with DX coil						
P. 66		PAW-10PAIRC-LS-1 PAW-10PAIRC-HS-1		PAW-15PAIRC-LS-1 PAW-15PAIRC-HS-1	PAW-20PAIRC-LS-1 PAW-20PAIRC-HS-1	PAW-25PAIRC-LS-1 PAW-25PAIRC-HS-1
		PAW-10EAIRC-LS PAW-10EAIRC-HS		PAW-15EAIRC-LS PAW-15EAIRC-HS	PAW-20EAIRC-LS PAW-20EAIRC-HS	PAW-25EAIRC-LS PAW-25EAIRC-HS

AHU connection kit 3.6 to 14.0 kW for PACi NX and PACi

CONEX Bluetooth® version (CZ-RTC6BL) is built-in.
Easy connection and set-up is possible via Bluetooth®.
0-10 V demand control with optional interface (CZ-CAPBC2).



Reference				Nominal capacity		Air flow	Dimension	Weight	RRP
	AHU connection kit	PACi NX Series Elite outdoor units		Cooling	Heating	Min / Max	H x W x D		
			Single phase	Three phase	kW	kW	m³/h	mm	kg
3.6 kW	PAW-280PAH3M-1	U-36PZH3E5	—	3.6	4.0	540/870	500 x 400 x 150	11.5	1,703
5.0 kW	PAW-280PAH3M-1	U-50PZH3E5	—	5.0	5.6	630/990	500 x 400 x 150	11.5	
6.0 kW	PAW-280PAH3M-1	U-60PZH3E5	—	6.0	7.0	780/1320	500 x 400 x 150	11.5	
7.5 kW	PAW-280PAH3M-1	U-71PZH4E5	U-71PZH4E8	7.1	8.0	780/1320	500 x 400 x 150	11.5	
10.0 kW	PAW-280PAH3M-1	U-100PZH4E5	U-100PZH4E8	10.0	11.2	900/2160	500 x 400 x 150	11.5	
12.5 kW	PAW-280PAH3M-1	U-125PZH4E5	U-125PZH4E8	12.5	14.0	1140/2280	500 x 400 x 150	11.5	
14.0 kW	PAW-280PAH3M-1	U-140PZH4E5	U-140PZH4E8	14.0	16.0	1200/2400	500 x 400 x 150	11.5	
20.0 kW	PAW-280PAH3M-1	—	U-200PZH2E8	19.5	22.4	2160/4320	500 x 400 x 150	11.5	
25.0 kW	PAW-280PAH3M-1	—	U-250PZH2E8	23.2	28.0	2280/5040	500 x 400 x 150	11.5	

Piping information										
Model	kW	3.6	5.0	6.0	7.5	10.0	12.5	14.0	20.0	25.0
Piping diameter (liquid - gas)	Inch	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 1 1/8	1/2 - 1 1/8
Pipe length range (Standard)	m	3 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 50	5 ~ 50	—	—
Pipe length range (Elite)	m	3 ~ 40	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 85	5 ~ 85	5 ~ 85	5 ~ 90	5 ~ 60
Elevation difference (in / out)	m	30	30	30	30	30	30	30	30	30

NEW AHU connection kit 16.0 to 56.0 kW for ECOi and ECO G

Available with ECOi and ECO G Series.
CONEX Bluetooth® version (CZ-RTC6BL) is built-in.
0-10 V demand control with optional interface (CZ-CAPBC2).

New 2023



Reference		Nominal capacity		Air flow	Dimension	Weight	RRP
		Cooling kW	Heating kW	Min / Max m³/h	H x W x D mm	kg	
5 HP	PAW-160MAH3M	14.0	16.0	2598/1140	278 x 278 x 180	3.2	1,628
10 HP	PAW-280MAH3M	28.0	31.5	4998/3498	278 x 278 x 180	6.3	1,777
20 HP	PAW-560MAH3M	56.0	63.0	10002/7002	278 x 278 x 180	6.3	1,981
30 HP	PAW-280MAH3M + PAW-560MAH3M	84.0	95.0	15000/10500	278 x 278 x 180	6.3	3,758
40 HP	PAW-560MAH3M + PAW-560MAH3M	112.0	127.0	19998/13998	278 x 278 x 180	6.3	3,962
50 HP	PAW-560MAH3M + PAW-560MAH3M + PAW-280MAH3M	140.0	155.0	24996/17496	278 x 278 x 180	6.3	5,739
60 HP	PAW-560MAH3M + PAW-560MAH3M + PAW-560MAH3M	168.0	189.0	30000/21000	278 x 278 x 180	6.3	5,943

Piping information								
Model	HP	5	10	20	30	40	50	60
Piping diameter (liquid - gas)	Inch	3/8 - 5/8	3/8 - 7/8	5/8 - 1-1/8	3/4 - 1-3/8	3/4 - 1-5/8	3/4 - 1-5/8	3/4 - 1-5/8
Pipe length range	m	10 ~ 100	10 ~ 100	10 ~ 100	10 ~ 100	10 ~ 100	10 ~ 100	10 ~ 100
Elevation difference (in / out)	m	10	10	10	10	10	10	10

AHU connection kit / system combination									
Capacity		ECOi Series			AHU kit			Capacity	
5 HP	16 kW	All ECOi			160MAH3	—	—	5 HP	16 kW
10 HP	28 kW	U-10ME2E8	—	—	280MAH3	—	—	10 HP	28 kW
20 HP	56 kW	U-20ME2E8	—	—	560MAH3	—	—	20 HP	56 kW
30 HP	84 kW	U-16ME2E8	U-14ME2E8	—	560MAH3	280MAH3	—		
40 HP	112 kW	U-20ME2E8	U-20ME2E8	—	560MAH3	560MAH3	—		
50 HP	140 kW	U-18ME2E8	U-16ME2E8	U-16ME2E8	560MAH3	560MAH3	280MAH3		
60 HP	168 kW	U-20ME2E8	U-20ME2E8	U-20ME2E8	560MAH3	560MAH3	560MAH3		

Energy recovery ventilation

Slim shape and easy installation.
Recovers up to 75% of the heat in the outgoing air.



Reference			Air flow	External static pressure	Temperature exchange efficiency	Nominal diameter	Suggested fuse size	Dimension	Weight	RRP
			Min / Max	Extra Hi/Hi/Lo			H x W x D			
			m³/h	Pa	%	mm	A	mm	kg	£
1ph	250 m³/h	FY-250ZDY8R	190/250	105/95/45	75	150	5	270 x 599 x 882	29	1,190
	350 m³/h	FY-350ZDY8R	240/350	140/60/45	75	150	5	317 x 804 x 1050	49	1,492
	500 m³/h	FY-500ZDY8R	440/500	120/60/35	75	200	5	317 x 904 x 1090	57	1,803
	800 m³/h	FY-800ZDY8R	630/800	140/110/55	75	200	5	388 x 884 x 1322	71	2,253
	1000 m³/h	FY-01KZDY8R	700/1000	105/80/75	75	250	5	388 x 1134 x 1322	83	2,601

NEW advanced energy recovery ventilation

Extended 9 model line-up including 2000 m³/h model.
F7 grade filter built-in as a standard.
New design remote controller with RS485 for BMS integration.

New 2023



Reference			Air flow Hi m³/h	External static pressure Hi Pa	Heating exchange efficiency %	Nominal diameter mm	Suggested fuse size A	Dimension H x W x D mm	Weight kg	RRP £
1ph	150 m³/h	FV-15ZY1G	150	100	83	100	3	289 x 610 x 860	23	1,419
	250 m³/h	FV-25ZY1G	250	120	82	150	3	289 x 735 x 860	27	1,552
	350 m³/h	FV-35ZY1G	350	140	83	150	3	331 x 874 x 968	37	1,854
	500 m³/h	FV-50ZY1G	500	130	81	200	3	331 x 1016 x 968	40	1,926
	650 m³/h	FV-65ZY1G	650	150	82	200	5	404 x 954 x 1008	48	2,216
	800 m³/h	FV-80ZY1G	800	150	83	250	5	404 x 1004 x 1224	56	2,555
	1000 m³/h	FV-1KZY1G	1000	150	82	250	5	404 x 1231 x 1224	64	2,982
	1500 m³/h	FV-1HZY1G	1500	130	83	250	10	808 x 1004 x 1224	116	5,068
	2000 m³/h	FV-2KZY1G	2000	130	82	250	10	808 x 1231 x 1224	139	6,314

1) Different dimensions depending on models.* Available in Autumn 2023. ** Remote controller image is tentative.

New advanced energy recovery ventilation.

Indoor air quality (IAQ) is a key consideration for any business owner looking to create a healthy and comfortable environment. Panasonic energy recovery ventilator (ERV) recovers up to 83% heat exchange efficiency, providing balanced, energy-efficient ventilation by transferring heat and moisture between incoming fresh filtered air and outgoing stale air.



FV-1KZY1G



- DC motors
- EN F7 grade filter
- Up to 150 Pa
- Backdraft shutters equipped
- RS485 terminal



Electric air curtain

Comprehensive product line up (width: 0.9 m 1.2 m and 1.5 m).
Simple structure for easy installation and maintenance.



Reference	Width mm	Air flow Hi / Lo m³/h	Consumption Hi / Lo W	Dimension H x W x D mm	Weight kg	RRP £
FY-3009U1	900	1100/920	76/70	900 x 231.5 x 212	12.0	746
1ph FY-3012U1	1200	1400/1270	94/85	1200 x 231.5 x 212	14.5	836
FY-3015U1	1500	2000/1800	131/110	1500 x 231.5 x 212	18.0	980

Air curtain with DX coil coil, connected to PACi systems

Compatible with R32 and R410A refrigerant.
Simple structure for easy installation and maintenance.
Easy redirection of air flow with manual deflector.



Reference		Maximum capacity		Air flow	Dimension ³⁾	Weight	RRP	
		Cooling ¹⁾	Heating ²⁾	Hi	H x W x D			
		kW	kW	m³/h	mm	kg	£	
1ph	Air outlet height 2.7 m	PAW-10PAIRC-LS-1	6.1	7.9	1800	260 (+140) x 1000 x 460	50	8,110
		PAW-15PAIRC-LS-1	9.7	12.0	2700	260 (+140) x 1500 x 460	65	9,459
		PAW-20PAIRC-LS-1	13.0	15.0	3600	260 (+140) x 2000 x 460	80	10,664
		PAW-25PAIRC-LS-1	17.0	19.0	4500	260 (+140) x 2500 x 460	95	11,948
	Air outlet height 3.0 m	PAW-10PAIRC-HS-1	9.1	11.8	2700	260 (+140) x 1000 x 460	55	8,452
		PAW-15PAIRC-HS-1	13.0	15.8	3600	260 (+140) x 1500 x 460	65	9,729
		PAW-20PAIRC-HS-1	19.5	23.6	5400	260 (+140) x 2000 x 460	85	11,136
		PAW-25PAIRC-HS-1	23.7	27.6	6300	260 (+140) x 2500 x 460	110	12,196

LS / PACi outdoor combination*	PACi Elite			PACi Standard		
Operation until	40 °C	35 °C	30 °C	40 °C	35 °C	30 °C
PAW-10PAIRC-LS-1	U-100	U-100	U-50	U-100	U-100	U-60
PAW-15PAIRC-LS-1	U-200	U-100	U-100	—	U-100	U-100
PAW-20PAIRC-LS-1	U-200	U-140	U-100	—	—	U-100
PAW-25PAIRC-LS-1	U-250	U-200	U-125	—	—	U-125

HS / PACi outdoor combination*	PACi Elite			PACi Standard		
Operation until	40 °C	35 °C	30 °C	40 °C	35 °C	30 °C
PAW-10PAIRC-HS-1	U-200	U-100	U-100	—	U-100	U-100
PAW-15PAIRC-HS-1	U-200	U-200	U-100	—	U-200	U-100
PAW-20PAIRC-HS-1	—	U-250	U-200	—	U-250	—
PAW-25PAIRC-HS-1	—	U-250	U-200	—	U-250	—

1) Cooling capacity DX coil, air temperature in / out +27 / +18 °C, R32 and R410. 2) Heating capacity condenser, air temperature in / out +20 / +33 °C, R32 and R410. In the case of lower outdoor temperatures, an outdoor model with higher capacity may be necessary. 3) 140 mm is the height of an electrical box if it is installed on the top. * Available with PZH2 and PZ2. PZH3 and PZ3 will be compatible from Autumn 2023.

Air curtain with DX coil, connected to VRF systems

Compatible with R32 and R410A refrigerant.
Simple structure for easy installation and maintenance.
Easy redirection of air flow with manual deflector.



Reference		Maximum capacity		Air flow	Dimension ³⁾	Weight	RRP	
		Cooling ¹⁾	Heating ²⁾	Hi	H x W x D			
		kW	kW	m³/h	mm	kg	£	
1ph	Air outlet height 2.7 m	PAW-10EAIRC-LS	6.1	7.9	1800	260(+140)x 1000 x 460	50	8,765
		PAW-15EAIRC-LS	9.7	12.0	2700	260(+140)x 1500 x 460	65	10,352
		PAW-20EAIRC-LS	13.0	15.0	3600	260(+140)x 2000 x 460	80	11,648
		PAW-25EAIRC-LS	17.0	19.0	4500	260(+140)x 2500 x 460	95	13,033
	Air outlet height 3.0 m	PAW-10EAIRC-HS	9.1	11.8	2700	260(+140)x 1000 x 460	55	9,132
		PAW-15EAIRC-HS	13.0	15.8	3600	260(+140)x 1500 x 460	65	10,639
		PAW-20EAIRC-HS	19.5	23.6	5400	260(+140)x 2000 x 460	85	12,151
		PAW-25EAIRC-HS	23.7	27.6	6300	260(+140)x 2500 x 460	110	13,295

LS / VRF outdoor combination			
Operation until	40 °C	35 °C	30 °C
PAW-1EAIRC-LS	U-4	U-4	U-4
PAW-15EAIRC-LS	U-6	U-5	U-4
PAW-20EAIRC-LS	U-8	U-6	U-4
PAW-25EAIRC-LS	U-8	U-8	U-5

HS / VRF outdoor combination			
Operation until	40 °C	35 °C	30 °C
PAW-10EAIRC-HS	U-6	U-5	U-4
PAW-15EAIRC-HS	U-8	U-6	U-4
PAW-20EAIRC-HS	U-8	U-8	U-8
PAW-25EAIRC-HS	U-12	U-10	U-8

1) Cooling capacity DX coil, air temperature in / out +27 / +18 °C, R32 and R410. 2) Heating capacity condenser, air temperature in / out +20 / +33 °C, R32 and R410. In the case of lower outdoor temperatures, an outdoor model with higher capacity may be necessary. 3) 140 mm is the height of an electrical box if it is installed on the top. * Also compatible with ECO G Series (GE3 and GF3) and Hybrid Serie.

NEW ceiling mounted air-e nanoe X Generator

- nanoe™ X (Generator Mark 1).
- Silent operation.
- Low power consumption.

New 2023



nanoeX

Reference	Air flow		Consumption	Sound pressure	Dimension		Net weight	RRP
	m³/h	W			Panel mm	Hole size mm		
1ph FV-15CSD1G	16	4		25.5	Ø200	Ø145	1.1	335

Ceiling mounted air-e nanoe X Generator

Bringing nature's balance indoors.

Deodorises and inhibits certain bacteria, viruses, mould, pollens and allergens for better indoor air quality.

air-e™

7 effects of nanoe™ X – Panasonic unique technology

Deodorises



Odours

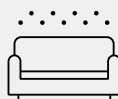
Capacity to inhibit 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



Hazardous substances



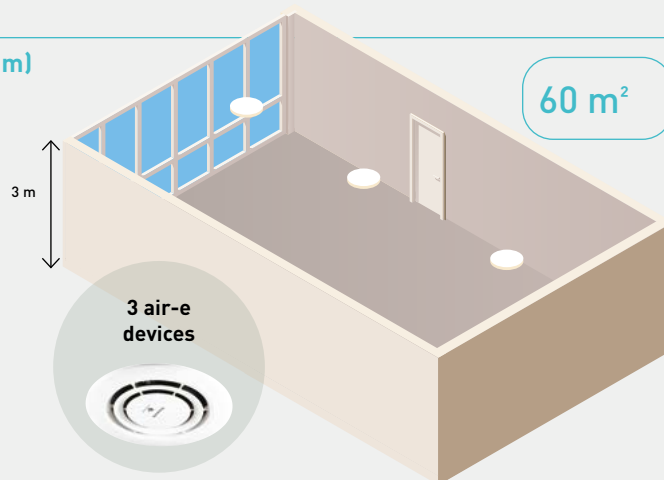
Skin and hair

* Refer to <https://aircon.panasonic.eu> for more details and validation data.

One device is suitable for around 20 m² (with a ceiling height 3 m)

Ex. 3 air-e devices are required for the room size 60 m².

The nanoe™ X performance varies depending on the room size, environment and usage. nanoe™ X is not a medical device.



Optional parts for AHU connection kit			RRP £
	Design wired remote controller with Econavi function and datanavi.	CZ-RTC5B	157
	Mini series parallel device controlling indoor units, maximum 1 group and 8 indoor unit.	CZ-CAPBC2	298
	Cable for all the T10 functions.	CZ-T10	52
	Cable for all option monitoring signals.	PAW-OCT	52

Advanced energy recovery ventilation accessories			RRP £
Replacement high efficiency filter for FV-15ZY1G.	FV-FP15ZY1G		52
Replacement high efficiency filter for FV-25ZY1G.	FV-FP25ZY1G		56
Replacement high efficiency filter for FV-35ZY1G.	FV-FP35ZY1G		67
Replacement high efficiency filter for FV-50ZY1G.	FV-FP50ZY1G		75
Replacement high efficiency filter for FV-65ZY1G.	FV-FP65ZY1G		81
Replacement high efficiency filter for FV-80ZY1G and FV-1HZY1G*.	FV-FP80ZY1G		86
Replacement high efficiency filter for FV-1KZY1G and FV-2KZY1G*.	FV-FP1KZY1G		96

*ECO*i*-W*

Discover the ECOi-W.

Cooling only and heat pumps chillers

ECOi-W Series can be combined with variety of HVAC solutions to meet all the needs in commercial and industrial applications.

ECOi-W R32 cooling only and heat pumps chillers.

- Sustainable chiller solutions with R32 refrigerant
- High seasonal efficiency, SEER up to 4.64 ¹⁾ and SCOP levels up to 3.73 ²⁾
- Operation range down to -15 °C in heating and up to 48 °C in cooling
- Customisable design
- Optimised design for service and maintenance

1) Cooling only model: size 150. 2) Heat pump model: size 130.



Cascade Control - Plug & Play solution.

- Cascade up to 8 ECOi-W outdoor units
- Fully compatible with ECOi-W R32 and R410A Series
- Ready to connect ECOi-W Cloud and RS485 terminal equipped
- Optimized control for defrosting and domestic hot water (DHW)
- Backup and rotation control available

New 2023



Remote monitoring service ECOi-W Cloud.

- Optimizing the service and maintenance work thanks to remote access in real time
- Alarm notification via e-mail
- Reporting and graph visualization with 300 varieties
- Various LED signals on the hardware to check the status on site
- Maximum 10 outdoor units connectable



Fan coils.

- Full year comfort with water based system
- High efficiency and low noise operation
- Operation in heating and cooling available
- An efficient coil provides high heat transfer efficiency, durability and hygiene.
- Flexible installation with the choice 2 or 4-pipe, AC or EC fan
- Stylish and sophisticated design control with BMS connection available



Page	Outdoor units	20 kW	25 kW	30 kW	35 kW	40 kW	50 kW	60 kW
	ECOi-W R32 50 to 60							
P. 72	Cooling only						U-050CQNB / U-050CQBM / U-050CRNB / U-050CRBM / U-050CSNB / U-050CSBM	U-060CQNB / U-060CQBM / U-060CRNB / U-060CRBM / U-060CSNB / U-060CSBM
P. 74	Heat pump						U-050CMNB / U-050CMBM / U-050CNNB / U-050CNBM / U-050CONB / U-050COBM	U-060CMNB / U-060CMBM / U-060CNNB / U-060CNBM / U-060CONB / U-060COBM
	ECOi-W R32 70 to 75							
P. 72	Cooling only							
P. 74	Heat pump							
	ECOi-W R32 85 to 130							
P. 72	Cooling only							
P. 74	Heat pump							
	ECOi-W R32 150 to 170							
P. 73	Cooling only							
P. 75	Heat pump							
	ECOi-W R410A 20 to 40							
P. 76	Cooling only	U-020CVNB U-020CVBS	U-025CVNB U-025CVBS	U-030CVNB U-030CVBS	U-035CVNB U-035CVBS	U-040CVNB U-040CVBS		
P. 77	Heat pump	U-020CWNB U-020CWBS	U-025CWNB U-025CWBS	U-030CWNB U-030CWBS	U-035CWNB U-035CWBS	U-040CWNB U-040CWBS		
	ECOi-W R410A 140 to 210							
P. 76	Cooling only							
P. 77	Heat pump							

70 kW 75 kW 85 kW 100 kW 115 kW 130 kW 140 kW 150 kW 170 kW 190 kW 210 kW



U-070CQNB / U-075CQNB /
U-070CQBM / U-075CQBM /
U-070CRNB / U-075CRNB /
U-070CRBM / U-075CRBM /
U-070CSNB / U-075CSNB /
U-070CSBM / U-075CSBM

U-070CMNB / U-075CMNB /
U-070CMBM / U-075CMBM /
U-070CNNB / U-075CNNB /
U-070CNBM / U-075CNBM /
U-070CONB / U-075CONB /
U-070COBM / U-075COBM



U-085CQNB / U-100CQNB / U-115CQNB / U-130CQNB /
U-085CQBL / U-100CQBL / U-115CQBL / U-130CQBL /
U-085CRNB / U-100CRNB / U-115CRNB / U-130CRNB /
U-085CRBL / U-100CRBL / U-115CRBL / U-130CRBL /
U-085CSNB / U-100CSNB / U-115CSNB / U-130CSNB /
U-085CSBL / U-100CSBL / U-115CSBL / U-130CSBL

U-085CMNB / U-100CMNB / U-115CMNB / U-130CMNB /
U-085CMBL / U-100CMBL / U-115CMBL / U-130CMBL /
U-085CNNB / U-100CNNB / U-115CNNB / U-130CNNB /
U-085CNBL / U-100CNBL / U-115CNBL / U-130CNBL /
U-085CONB / U-100CONB / U-115CONB / U-130CONB /
U-085COBL / U-100COBL / U-115COBL / U-130COBL



U-150CQNB / U-170CQNB /
U-150CQBL / U-170CQBL /
U-150CRNB / U-170CRNB /
U-150CRBL / U-170CRBL /
U-150CSNB / U-170CSNB /
U-150CSBL / U-170CSBL

U-150CMNB / U-170CMNB /
U-150CMBL / U-170CMBL /
U-150CNNB / U-170CNNB /
U-150CNBL / U-170CNBL /
U-150CONB / U-170CONB /
U-150COBL / U-170COBL



U-140CVNB U-150CVNB U-170CVNB U-190CVNB U-210CVNB
U-140CVBL U-150CVBL U-170CVBL U-190CVBL U-210CVBL

U-140CWNB U-150CWNB U-170CWNB U-190CWNB U-210CWNB
U-140CWBL U-150CWBL U-170CWBL U-190CWBL U-210CWBL

ECOi-W R32 cooling only outdoor units

U - 050/060/070/075 CQ, CR, CS · R32

Number of compressors: 2.

Desuperheater available.

Fan type: AC (AC fans), EC (EC fans) and HP EC (high pressure EC fans).

Operation range: -15 to +48 °C.



Outdoor unit				Cooling capacity ¹⁾	SEER / $\eta_{s,c}$ ²⁾		Sound power		Dimension (D: 1160)		Operating weight
			AC		EC	AC / EC	HP EC	AC	EC / HP EC		
								w/o buffer	w/o buffer	w/o buffer	
AC fan	EC fan	HP EC fan						w buffer	w buffer	w buffer	
w/o buffer	w/o buffer	w/o buffer						H x W	H x W		
w buffer	w buffer	w buffer	kW			dB(A)	dB(A)	mm	mm	kg	
50	U-050CQNB	U-050CRNB	U-050CSNB	52.6	4.23 / 166%	4.69 / 184%	83.2	87.2	1986 x 2180	2034 x 2180	527
	U-050CQBM	U-050CRBM	U-050CSBM						1986 x 2680	2034 x 2680	1018
60	U-060CQNB	U-060CRNB	U-060CSNB	60.4	4.40 / 173%	4.87 / 192%	83.8	87.3	1986 x 2180	2034 x 2180	547
	U-060CQBM	U-060CRBM	U-060CSBM						1986 x 2680	2034 x 2680	1038
70	U-070CQNB	U-070CRNB	U-070CSNB	70.0	4.57 / 180%	4.88 / 192%	81.3	89.2	1986 x 2180	2034 x 2180	621
	U-070CQBM	U-070CRBM	U-070CSBM						1986 x 2680	2034 x 2680	1114
75	U-075CQNB	U-075CRNB	U-075CSNB	75.3	4.60 / 181%	4.82 / 190%	81.3	89.3	1986 x 2180	2034 x 2180	637
	U-075CQBM	U-075CRBM	U-075CSBM						1986 x 2680	2034 x 2680	1130

Water connections information

Outdoor unit	50	60	70	75
Type	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228
Inlet - Outlet - diameter (evaporator)	Inch 2 - 2	2 - 2	2 - 2	2 - 2
Inlet - Outlet - diameter (desuperheater)	Inch 1 1/4 - 1 1/4	1 1/4 - 1 1/4	1 1/4 - 1 1/4	1 1/4 - 1 1/4

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. * w: with, w/o: without. ** The data are calculated with variable flow.

U - 085/100/115/130 CQ, CR, CS · R32

Number of compressors: 2.

Desuperheater available.

Fan type: AC (AC fans), EC (EC fans) and HP EC (high pressure EC fans).

Operation range: -15 to +48 °C.



Outdoor unit				Cooling capacity ¹⁾	SEER / $\eta_{s,c}$ ²⁾		Sound power		Dimension (D: 1160)		Operating weight
			AC		EC	AC / EC	HP EC	AC	EC / HP EC		
								w/o buffer	w/o buffer	w/o buffer	
								w buffer	w buffer	w buffer	
AC fan	EC fan	HP EC fan						H x W	H x W		
w/o buffer	w/o buffer	w/o buffer									
w buffer	w buffer	w buffer									
			kW				dB(A)	dB(A)	mm	mm	kg
85	U-085CQNB	U-085CRNB	U-085CSNB	84.2	4.52 / 178%	5.12 / 202%	84.4	89.3	2286 x 2180	2334 x 2180	701
	U-085CQBL	U-085CRBL	U-085CSBL						2286 x 2680	2334 x 2680	1202
100	U-100CQNB	U-100CRNB	U-100CSNB	102.0	4.30 / 169%	4.92 / 194%	86.0	89.7	2286 x 2180	2334 x 2180	731
	U-100CQBL	U-100CRBL	U-100CSBL						2286 x 2680	2334 x 2680	1232
115	U-115CQNB	U-115CRNB	U-115CSNB	121.0	4.53 / 178%	4.72 / 186%	87.0	90.0	2286 x 2180	2334 x 2180	813
	U-115CQBL	U-115CRBL	U-115CSBL						2286 x 2680	2334 x 2680	1317
130	U-130CQNB	U-130CRNB	U-130CSNB	135.0	4.47 / 176%	4.61 / 181%	87.4	90.2	2286 x 2180	2334 x 2180	815
	U-130CQBL	U-130CRBL	U-130CSBL						2286 x 2680	2334 x 2680	1319

Water connections information

Outdoor unit	85	100	115	130
Type	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228
Inlet - Outlet - diameter (evaporator)	Inch 2 1/2 - 2 1/2	2 1/2 - 2 1/2	2 1/2 - 2 1/2	2 1/2 - 2 1/2
Inlet - Outlet - diameter (desuperheater)	Inch 1 1/4 - 1 1/4	1 1/4 - 1 1/4	1 1/4 - 1 1/4	1 1/4 - 1 1/4

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. * w: with, w/o: without. ** The data are calculated with variable flow.

ECOi-W R32 cooling only outdoor units

U - 150/170 CQ, CR, CS - R32

Number of compressors: 2.

Desuperheater available.

Fan type: AC (AC fans), EC (EC fans) and HP EC (high pressure EC fans).

Operation range: -15 to +48 °C.



Outdoor unit			Cooling capacity ¹⁾	SEER / $\eta_{s,c}$ ²⁾		Sound power		Dimension (D: 1151)		Operating weight
AC fan	EC fan	HP EC fan		AC	EC	AC/EC	HP EC	AC	EC/HP EC	
w/o buffer	w/o buffer	w/o buffer						H x W	H x W	w/o buffer
w buffer	w buffer	w buffer	kW			dB(A)	dB(A)	mm	mm	w buffer
150	U-150CQNB	U-150CRNB	156.0	4.64/183%	4.92/194%	88.9	91.6	2285x3789	2333x3789	1265
	U-150CQBL	U-150CRBL								1683
170	U-170CQNB	U-170CRNB	176.0	4.56/179%	4.95/195%	91.1	92.3	2285x3789	2333x3789	1279
	U-170CQBL	U-170CRBL								1697

Water connections information

Outdoor unit	150	170
Type	Male gas threaded BSPP ISO 229	Male gas threaded BSPP ISO 230
Inlet - Outlet - diameter (evaporator)	Inch 2 1/2 - 2 1/2	2 1/2 - 2 1/2
Inlet - Outlet - diameter (desuperheater)	Inch 1 1/4 - 1 1/4	1 1/4 - 1 1/4

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. * w: with, w/o: without. ** The data are calculated with variable flow.

Plug & Play control for ECOi-W cascade systems.

Cascade up to 8 ECOi-W outdoor units.

- Fully compatible with ECOi-W R32 and R410A Series
- Ready to be integrated with ECOi-W Cloud (PAW-CM000SP041)
- RS485 terminal equipped to integrate with Building Management Systems
- Optimized control for defrosting and domestic hot water (DHW)
- Backup and rotation control available
- Flexible control of external water pumps (up to 2 external pumps)



Plug & Play solution – ready to use.

The cascade controller consists of a latest generation electronic board with user interface display, power supply and protection switch. All the components are enclosed in a plastic container in RAL 7035 color, with IP65 protection degree equipped with a smoked inspection door that can be closed with a key. The switchboard can also be installed outdoors without any protection.

Model reference	Description	RRP €
PAW-CSC-L22-01	Cascade control - Plug & Play solution	TBC

ECOi-W R32 heat pump outdoor units

U - 050/060/070/075 CM, CN, CO - R32

Number of compressors: 2.

Desuperheater available.

Fan type: AC (AC fans), EC (EC fans) and HP EC (high pressure EC fans).

Operation range: -15 to +48 °C.



Outdoor unit				Nominal capacity		SEER / $\eta_{s,c}$ ^{3) 4)}		SCOP / $\eta_{s,h}$ ^{4) 5)}		Energy class ⁶⁾		Sound power		Dimension [D: 1160]		Operating weight	
						AC	EC	AC	EC	AC	EC	AC/EC	HP EC	AC	EC/HP EC		
				Cool ¹⁾	Heat ²⁾									w/o buffer	w/o buffer	w/o buffer	
				AC fan	EC fan	HP EC fan									w buffer	w buffer	w buffer
				w/o buffer	w/o buffer	w/o buffer									H x W	H x W	
				w buffer	w buffer	w buffer	A+++ to D						dB(A)	dB(A)	mm	mm	kg
50	U-050CMNB	U-050CNNB	U-050CONB	49.9	53.5	4.36 / 171%	4.58 / 180%	3.63 / 142%	3.85 / 151%	A+	A+	83.2	87.2	1986 x 2180	2034 x 2180	527	
	U-050CMBM	U-050CNBM	U-050COBM											1986 x 2680	2034 x 2680	1018	
60	U-060CMNB	U-060CNNB	U-060CONB	60.4	61.5	4.32 / 170%	4.77 / 188%	3.52 / 138%	3.88 / 152%	A+	A+	83.8	87.3	1986 x 2180	2034 x 2180	547	
	U-060CMBM	U-060CNBM	U-060COBM											1986 x 2680	2034 x 2680	1038	
70	U-070CMNB	U-070CNNB	U-070CONB	70.0	71.7	4.54 / 178%	4.95 / 195%	3.55 / 139%	3.80 / 149%	A+	A+	81.3	89.2	1986 x 2180	2034 x 2180	621	
	U-070CMBM	U-070CNBM	U-070COBM											1986 x 2680	2034 x 2680	1114	
75	U-075CMNB	U-075CNNB	U-075CONB	75.3	80.0	4.47 / 176%	4.68 / 184%	3.57 / 140%	3.80 / 149%	A+	A+	81.3	89.3	1986 x 2180	2034 x 2180	637	
	U-075CMBM	U-075CNBM	U-075COBM											1986 x 2680	2034 x 2680	1130	

U - 150/170 CM, CN, CO · R32

Desuperheater available.

Operation range: -15 to +48 °C.



Water connections information		
Outdoor unit	150	170
Type	Male gas threaded BSPP ISO 229	Male gas threaded BSPP ISO 230
Inlet - Outlet - diameter [evaporator]	Inch 2 ½ - 2 ½	2 ½ - 2 ½
Inlet - Outlet - diameter [desuperheater]	Inch 1 ¼ - 1 ¼	1 ¼ - 1 ¼

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Data refers to 45 °C leaving warm water temperature and 7 °C ambient coil air temperature with 87% R.H., according EN14511 standard. 3) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. 4) Those are the data with variable flow. 5) Following COMMISSION REGULATION (EU) No 813/2013 for low-temperature heat pumps. * w: with, w/o: without.

Remote access in real time to optimise the service and maintenance work.

Reporting and graph visualization up to 300 variables.

Various LED signals on the hardware to check the status on site.



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

ECOi-W R410A cooling only outdoor units

U - 020/025/030/035/040 CV · R410A

Number of compressors: 2.

Quiet operation.

Operation range: -10 to +50 °C.



Outdoor unit			Cooling capacity ¹⁾	SEER / $\eta_{s,c}$ ²⁾	Sound power w standard fans dB(A)	Dimension (w standard fans)		Weight (w 1 pump)	
						w/o buffer H x W x D mm	w buffer H x W x D mm	w/o buffer kg	w buffer
	w/o buffer	w buffer	kW						
20	U-020CVNB	U-020CVBS	19.2	4.78 / 188%	75.0	1983 x 1000 x 1000	1983 x 1000 x 1507	265	330
25	U-025CVNB	U-025CVBS	24.3	4.38 / 172%	75.0	1983 x 1000 x 1000	1983 x 1000 x 1507	275	340
30	U-030CVNB	U-030CVBS	27.1	4.43 / 174%	75.0	1983 x 1000 x 1000	1983 x 1000 x 1507	305	370
35	U-035CVNB	U-035CVBS	36.7	4.43 / 174%	76.0	1983 x 1000 x 1000	1983 x 1000 x 1507	315	380
40	U-040CVNB	U-040CVBS	39.0	4.48 / 176%	76.0	1983 x 1000 x 1000	1983 x 1000 x 1507	320	385

Water connections information

Outdoor unit	20	25	30	35	40
Type	Male gas threaded BSPP ISO 228		Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228
Inlet - diameter	Inch 1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Outlet - diameter	Inch 1 1/2	1 1/2	1 1/2	1 1/2	1 1/2

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. * w: with, w/o: without. ** The data are calculated with variable flow.

U - 140/150/170/190/210 CV · R410A

Number of compressors: 2.

Quiet operation.

Operation range: -10 to +50 °C.



Outdoor unit			Cooling capacity ¹⁾	SEER / $\eta_{s,c}$ ²⁾	Sound power w standard fans dB(A)	Dimension (w standard fans)		Weight (w 1 pump)	
						w/o buffer H x W x D mm	w buffer H x W x D mm	w/o buffer kg	w buffer
	w/o buffer	w buffer	kW						
140	U-140CVNB	U-140CVBL	132.0	4.40 / 173%	85.4	2295 x 2856 x 2210	2295 x 3666 x 2210	1510	1640
150	U-150CVNB	U-150CVBL	146.0	4.45 / 175%	85.4	2295 x 2856 x 2210	2295 x 3666 x 2210	1520	1650
170	U-170CVNB	U-170CVBL	164.0	4.38 / 172%	87.0	2295 x 2856 x 2210	2295 x 3666 x 2210	1610	1740
190	U-190CVNB	U-190CVBL	181.0	4.40 / 173%	88.1	2295 x 2856 x 2210	2295 x 3666 x 2210	1680	1810
210	U-210CVNB	U-210CVBL	208.0	4.25 / 167%	88.1	2295 x 2856 x 2210	2295 x 3666 x 2210	1940	2070

Water connections information

Outdoor unit	140	150	170	190	210
Type	Victaulic®		Victaulic®	Victaulic®	Victaulic®
Inlet - diameter	Inch 2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Outlet - diameter	Inch 2 1/2	2 1/2	2 1/2	2 1/2	2 1/2

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. * w: with, w/o: without. ** The data are calculated with variable flow.

ECOi-W R410A heat pump outdoor units

U - 020/025/030/035/040 CW · R410A

Number of compressors: 2.

Quiet operation.

Operation range from -17 °C in heating to +50 °C in cooling.



Outdoor unit			Nominal capacity		SEER / η _{s,c} ^{3) 4)}	SCOP / η _{s,h} ^{4) 5)}	Energy class ⁶⁾	Sound power w standard fans	Dimension (w standard fans)		Weight (w 1 pump)	
			Cool ¹⁾	Heat ²⁾					w/o buffer H x W x D	w buffer H x W x D	w/o buffer	w buffer
	w/o buffer	w buffer	kW	kW			A+++ to D	dB(A)	mm	mm		kg
20	U-020CWNB	U-020CWBS	18.7	19.5	4.68/184%	3.50/137%	A+	75.0	1983x1000x1000	1983x1000x1507	280	345
25	U-025CWNB	U-025CWBS	23.7	26.9	4.31/169%	3.38/132%	A+	75.0	1983x1000x1000	1983x1000x1507	290	355
30	U-030CWNB	U-030CWBS	26.4	29.7	4.28/168%	3.45/135%	A+	75.0	1983x1000x1000	1983x1000x1507	320	385
35	U-035CWNB	U-035CWBS	35.8	37.3	4.25/167%	3.50/137%	A+	76.0	1983x1000x1000	1983x1000x1507	330	395
40	U-040CWNB	U-040CWBS	38.1	41.6	4.33/170%	3.50/137%	A+	76.0	1983x1000x1000	1983x1000x1507	335	400

Water connections information

Outdoor unit	20	25	30	35	40
Type	Male gas threaded BSPP ISO 228		Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228	Male gas threaded BSPP ISO 228
Inlet - diameter	Inch 1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Outlet - diameter	Inch 1 1/2	1 1/2	1 1/2	1 1/2	1 1/2

1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Data refers to 45 °C leaving warm water temperature and 7 °C ambient coil air temperature with 87% R.H., according EN14511 standard. 3) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. 4) Those are the data with variable flow. 5) Following COMMISSION REGULATION (EU) No 813/2013 for low-temperature heat pumps. 6) Following Eurovent and COMMISSION REGULATION (EU) No 811/2013 for low-temperature heat pumps. Scale from A+++ to D, as of 26th September 2019. * w: with, w/o: without.

U - 140/150/170/190/210 CW · R410A

Number of compressors: 4.

Desuperheater available.

Quiet operation.

Operation range from -17 °C in heating to +50 °C in cooling.

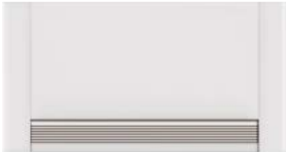


Outdoor unit			Nominal capacity		SEER / η _{s,c} ^{3) 4)}	SCOP / η _{s,h} ^{4) 5)}	Sound power w standard fans	Dimension (w standard fans)		Weight (w 1 pump)	
			Cool ¹⁾	Heat ²⁾				w/o buffer	w buffer	w/o buffer	w buffer
	w/o buffer	w buffer	kW	kW				H x W x D mm	H x W x D mm		
140	U-140CWNB	U-140CWBL	128.3	144.0	4.39 / 173%	3.30 / 129%	85.4	2295 x 2856 x 2210	2295 x 3666 x 2210	1570	1700
150	U-150CWNB	U-150CWBL	142.1	154.0	4.36 / 171%	3.33 / 130%	85.4	2295 x 2856 x 2210	2295 x 3666 x 2210	1580	1710
170	U-170CWNB	U-170CWBL	163.9	170.0	4.31 / 169%	3.30 / 129%	87.0	2295 x 2856 x 2210	2295 x 3666 x 2210	1680	1810
190	U-190CWNB	U-190CWBL	177.5	195.0	4.23 / 166%	3.23 / 128%	88.1	2295 x 2856 x 2210	2295 x 3666 x 2210	1750	1880
210	U-210CWNB	U-210CWBL	207.9	218.0	4.28 / 168%	3.23 / 126%	88.1	2295 x 2856 x 2210	2295 x 3666 x 2210	2020	2150

Water connections information

Outdoor unit	140	150	170	190	210
Type	Victaulic®		Victaulic®	Victaulic®	Victaulic®
Inlet - diameter	Inch 2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Outlet - diameter	Inch 2 1/2	2 1/2	2 1/2	2 1/2	2 1/2

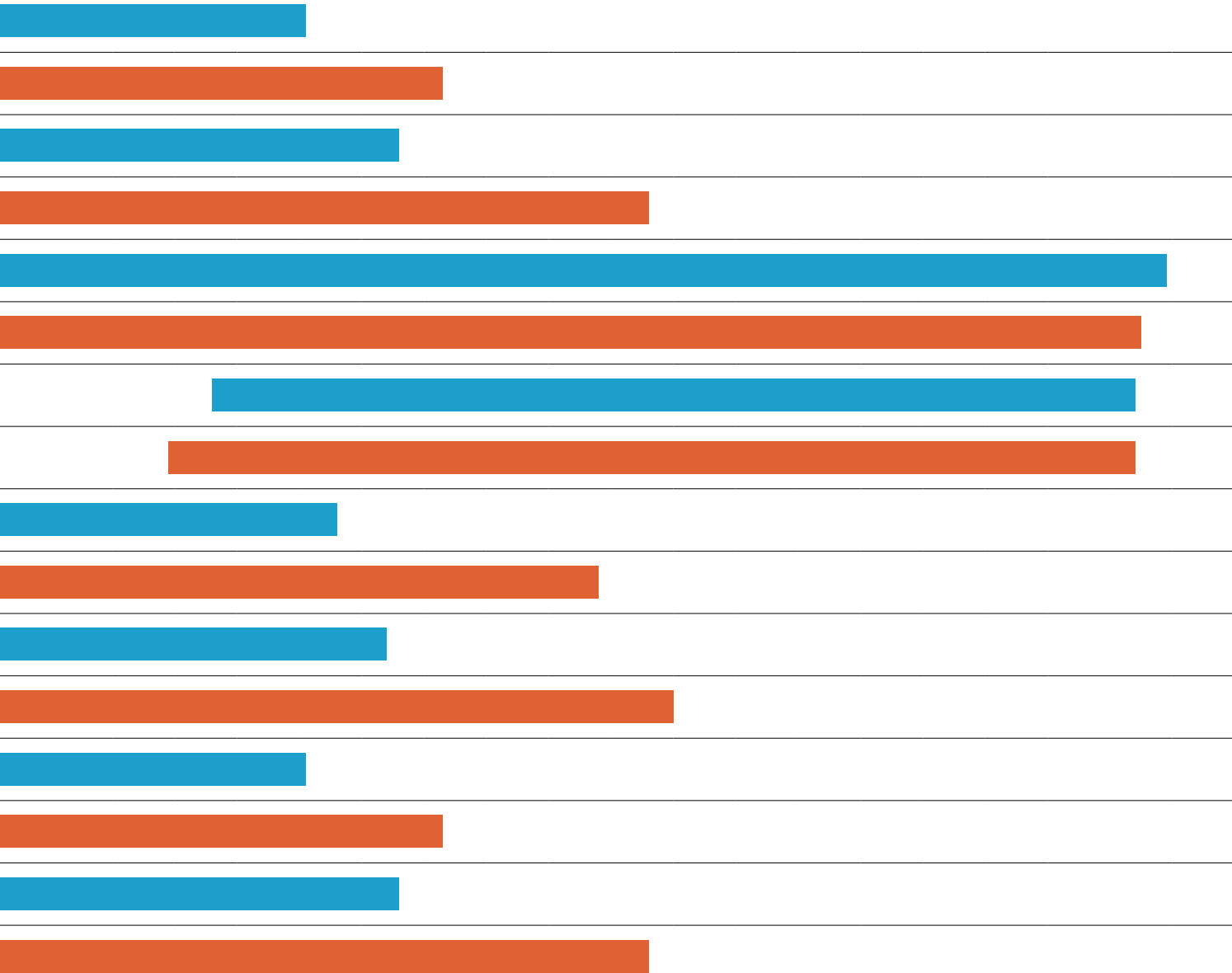
1) Data refers to 7 °C leaving chilled water temperature and 35 °C condenser air temperature, according EN14511 standard. 2) Data refers to 45 °C leaving warm water temperature and 7 °C ambient coil air temperature with 87% R.H., according EN14511 standard. 3) Following COMMISSION REGULATION (EU) No 2016/2281 for comfort application chillers. 4) Those are the data with variable flow. 5) Following COMMISSION REGULATION (EU) No 813/2013 for low-temperature heat pumps. * w: with, w/o: without.

Page	Indoor units	Fan type	Operation	Capacity range	0 kW	1 kW	2 kW	3 kW	4 kW
P. 80	Ducted 	AC	Cooling	0.7 to 8.1 kW					
			Heating	0.7 to 10.3 kW					
		EC	Cooling	0.5 to 9.6 kW					
			Heating	0.6 to 13.6 kW					
P. 81	High static pressure ducted 	AC	Cooling	4.1 to 21.9 kW					
			Heating	4.7 to 21.5 kW					
		EC	Cooling	6.6 to 21.4 kW					
			Heating	5.9 to 21.4 kW					
P. 82	4 way cassette 	AC	Cooling	1.4 to 8.6 kW					
			Heating	1.1 to 12.8 kW					
		EC	Cooling	1.4 to 9.4 kW					
			Heating	1.1 to 14.0 kW					
P. 83	Floor-standing chassis 	AC	Cooling	0.7 to 8.1 kW					
			Heating	0.7 to 10.3 kW					
		EC	Cooling	0.5 to 9.6 kW					
			Heating	0.6 to 13.6 kW					
P. 84	Wall-mounted 	AC	Cooling	1.0 to 3.9 kW					
			Heating	1.4 to 4.1 kW					
P. 84	Smart fan coils 	AC	Cooling	0.2 to 1.7 kW					
			Heating	0.2 to 1.7 kW					

Values indicated are for the full operating range. The data shown within the tables following are indicative of specific installation conditions. For full details relating to performance and operating conditions, please refer to the technical data manual.



5 kW 6 kW 7 kW 8 kW 9 kW 10 kW 11 kW 12 kW 13 kW 14 kW 15 kW 16 kW 17 kW 18 kW 19 kW 20 kW 21 kW 22 kW



Fan coils

Fan coils - ducted (AC)

2 and 4-pipe, left and right hand configurations.

5-speed AC fan motor(s).

For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	External pressure	Dimension	Weight	RRP
	Left connection	Right connection	Cooling ¹⁾	Heating ²⁾	Max m³/min	Max Pa	H x W x D mm	kg	£
			Med kW	Med kW					
1ph	2-pipe	PAW-FC2A-D010L PAW-FC2A-D010R	1.0	1.4	283	55	220 x 570 x 430	13	290
		PAW-FC2A-D020L PAW-FC2A-D020R	1.2	1.5	265	55	220 x 570 x 430	13	305
		PAW-FC2A-D030L PAW-FC2A-D030R	2.0	2.4	390	65	220 x 730 x 430	15	326
		PAW-FC2A-D040L PAW-FC2A-D040R	2.4	2.9	499	85	220 x 938 x 430	20	380
		PAW-FC2A-D050L PAW-FC2A-D050R	3.2	4.1	716	85	220 x 1122 x 430	22	425
		PAW-FC2A-D060L PAW-FC2A-D060R	4.6	5.3	933	115	220 x 1307 x 430	26	459
	4-pipe	PAW-FC2A-D070L PAW-FC2A-D070R	6.1	7.9	1064	125	220 x 1121 x 530	27	522
		PAW-FC4A-D010L PAW-FC4A-D010R	0.9	0.7	253	55	220 x 570 x 430	14	321
		PAW-FC4A-D020L PAW-FC4A-D020R	1.1	0.9	241	55	220 x 570 x 430	14	325
		PAW-FC4A-D030L PAW-FC4A-D030R	1.9	1.4	369	65	220 x 730 x 430	16	350
		PAW-FC4A-D040L PAW-FC4A-D040R	2.3	1.6	467	85	220 x 938 x 430	22	408
		PAW-FC4A-D050L PAW-FC4A-D050R	3.0	2.3	671	85	220 x 1122 x 430	24	456
		PAW-FC4A-D060L PAW-FC4A-D060R	4.4	2.9	885	115	220 x 1307 x 430	28	496
		PAW-FC4A-D070L PAW-FC4A-D070R	5.9	3.6	1012	125	220 x 1121 x 530	29	563

Water connections information

Fan coils		010	020	030	040	050	060	070	080
Type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections 2-pipe	Inch	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Water connections 4-pipe (cool - heat)	Inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2	3/4 - 1/2

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) Air: 20 °C. Water in / out: 50 °C / 45 °C. Values indicated are for 0 Pa external static pressure, for additional pressure characteristics, please refer the selection software.

Fan coils - ducted (EC)

2 and 4-pipe, left and right hand configurations.

Low energy consumption EC fan(s).

For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	External pressure	Dimension	Weight	RRP
	Left connection	Right connection	Cooling ¹⁾	Heating ²⁾	Max m³/min	Max Pa	H x W x D mm	kg	£
			Med kW	Med kW					
1ph	2-pipe	PAW-FC2E-D010L PAW-FC2E-D010R	1.2	1.6	417	75	220 x 570 x 430	13	467
		PAW-FC2E-D020L PAW-FC2E-D020R	1.4	1.9	413	75	220 x 570 x 430	13	480
		PAW-FC2E-D030L PAW-FC2E-D030R	2.1	2.2	585	75	220 x 730 x 430	15	503
		PAW-FC2E-D040L PAW-FC2E-D040R	2.9	3.0	678	105	220 x 938 x 430	20	555
		PAW-FC2E-D050L PAW-FC2E-D050R	4.0	5.2	816	70	220 x 1122 x 430	22	600
		PAW-FC2E-D060L PAW-FC2E-D060R	4.5	5.9	912	105	220 x 1307 x 430	26	636
	4-pipe	PAW-FC2E-D070L PAW-FC2E-D070R	5.9	7.3	1050	115	220 x 1121 x 530	27	700
		PAW-FC2E-D080L PAW-FC2E-D080R	6.5	8.0	1398	70	220 x 1316 x 530	38	927
		PAW-FC2E-F040L PAW-FC2E-F040R	6.6	8.3	1935	190	223 x 1233 x 653	19	1,084
		PAW-FC4E-D010L PAW-FC4E-D010R	1.1	0.8	379	75	220 x 570 x 430	14	495
		PAW-FC4E-D020L PAW-FC4E-D020R	1.2	0.9	380	75	220 x 570 x 430	14	501
		PAW-FC4E-D030L PAW-FC4E-D030R	1.9	1.4	540	75	220 x 730 x 430	16	525
1ph	2-pipe	PAW-FC4E-D040L PAW-FC4E-D040R	2.7	2.0	627	105	220 x 938 x 430	22	584
		PAW-FC4E-D050L PAW-FC4E-D050R	3.6	2.4	646	70	220 x 1122 x 430	24	630
		PAW-FC4E-D060L PAW-FC4E-D060R	4.1	2.9	716	105	220 x 1307 x 430	28	672
		PAW-FC4E-D070L PAW-FC4E-D070R	5.1	3.4	894	115	220 x 1121 x 530	29	744
	4-pipe	PAW-FC4E-D080L PAW-FC4E-D080R	6.2	5.9	1079	70	220 x 1316 x 530	40	981
		PAW-FC4E-F040L PAW-FC4E-F040R	6.4	4.5	1864	190	223 x 1233 x 653	19	1,160

Water connections information

Fan coils		010	020	030	040	050	060	070	080	F040
Type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections 2-pipe	Inch	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4
Water connections 4-pipe (cool - heat)	Inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2	3/4 - 1/2	3/4 - 1/2

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) Air: 20 °C. Water in / out: 50 °C / 45 °C. Values indicated are for 0 Pa external static pressure, for additional pressure characteristics, please refer the selection software.

Fan coils

Fan coils - high static pressure ducted (AC)

2 and 4-pipe, left and right hand configurations.
5-speed AC fan motor. Static pressure up to 220 Pa.
For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	External pressure	Dimension	Weight	RRP
			Cooling ¹⁾	Heating ²⁾					
	Left connection	Right connection	Med	Med	Max	Max	H x W x D		
			kW	kW	m³/min	Pa	mm	kg	£
2-pipe	PAW-FC2A-E070L	PAW-FC2A-E070R	5.5	8.6	1091	110	250 x 1200 x 698	42	856
	PAW-FC2A-E150L	PAW-FC2A-E150R	11.5	14.2	2110	200	375 x 1380 x 798	63	1,066
	PAW-FC2A-E180L	PAW-FC2A-E180R	11.5	16.3	2110	200	375 x 1380 x 798	65	1,166
	PAW-FC2A-E210L	PAW-FC2A-E210R	13.7	16.5	2110	200	375 x 1380 x 798	67	1,233
	PAW-FC2A-E240L*	PAW-FC2A-E240R*	19.8	26.3	3130	220	450 x 1500 x 798	76	1,360
	PAW-FC2A-E270L*	PAW-FC2A-E270R*	23.0	27.5	3130	220	450 x 1500 x 798	80	1,449
1ph	PAW-FC4A-E070L	PAW-FC4A-E070R	5.4	6.0	1132	110	250 x 1200 x 698	42	897
	PAW-FC4A-E150L	PAW-FC4A-E150R	10.1	11.8	2110	200	375 x 1380 x 798	63	1,140
	PAW-FC4A-E180L	PAW-FC4A-E180R	11.2	11.9	2110	200	375 x 1380 x 798	65	1,239
	PAW-FC4A-E210L	PAW-FC4A-E210R	14.4	11.9	2110	200	375 x 1380 x 798	67	1,309
	PAW-FC4A-E240L*	PAW-FC4A-E240R*	17.7	11.1	3130	220	450 x 1500 x 798	76	1,436
	PAW-FC4A-E270L*	PAW-FC4A-E270R*	19.9	11.1	3130	220	450 x 1500 x 798	80	1,528

Water connections information

Fan coils		070	150	180	210	240	270
Type		Female gas threaded	Gas Male threaded	Gas Male threaded	Gas Male threaded	Gas Male threaded	Gas Male threaded
Water connections 2-pipe	Inch	1/2	1	1 1/4	1 1/4	1 1/4	1 1/4
Water connections 4-pipe (cool - heat)	Inch	1/2 - 1/2	1 - 3/4	1 - 3/4	1 - 3/4	1 1/4 - 3/4	1 1/4 - 3/4

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) Air: 20 °C. Water in / out: 50 °C / 45 °C.
Values indicated are for 50 Pa external static pressure, for additional pressure characteristics, please refer the selection software.
* High fan speed used for capacity, water flow, sound and air flow values.

Fan coils - high static pressure ducted (EC)

2 and 4-pipe, left and right hand configurations.
Low energy consumption EC fan. Static pressure up to 300 Pa.
For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	External pressure	Dimension	Weight	RRP	
			Cooling ¹⁾	Heating ²⁾						
1ph	2-pipe	Left connection	Right connection	Med kW	Med kW	Max m³/min	Max Pa	H x W x D mm	kg	£
		PAW-FC2E-E150L	PAW-FC2E-E150R	11.3	15.8	3583	300	375 x 1380 x 798	63	1,226
	PAW-FC2E-E180L	PAW-FC2E-E180R	13.1	17.9	3583	300	375 x 1380 x 798	65	1,341	
	PAW-FC2E-E210L	PAW-FC2E-E210R	14.2	19.4	3583	300	375 x 1380 x 798	67	1,418	
	PAW-FC2E-E240L	PAW-FC2E-E240R	16.1	20.8	3829	300	450 x 1500 x 798	76	1,564	
	PAW-FC2E-E270L	PAW-FC2E-E270R	18.1	22.8	3829	300	450 x 1500 x 798	80	1,667	
	4-pipe	PAW-FC4E-E150L	PAW-FC4E-E150R	9.1	5.8	3583	300	375 x 1380 x 798	63	1,226
		PAW-FC4E-E180L	PAW-FC4E-E180R	10.2	10.0	3583	300	375 x 1380 x 798	65	1,341
		PAW-FC4E-E210L	PAW-FC4E-E210R	12.6	10.1	3583	300	375 x 1380 x 798	67	1,418
		PAW-FC4E-E240L	PAW-FC4E-E240R	14.0	8.3	3829	300	450 x 1500 x 798	76	1,564
		PAW-FC4E-E270L	PAW-FC4E-E270R	15.3	8.2	3829	300	450 x 1500 x 798	80	1,667

Water connections information

Fan coils		150	180	210	240	270
Type		Gas Male threaded	Gas Male threaded	Gas Male threaded	Gas Male threaded	Gas Male threaded
Water connections 2-pipe	Inch	1	1 1/4	1 1/4	1 1/4	1 1/4
Water connections 4-pipe (cool - heat)	Inch	1 - 3/4	1 - 3/4	1 - 3/4	1 1/4 - 3/4	1 1/4 - 3/4

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) Air: 20 °C. Water in / out: 50 °C / 45 °C.
Values indicated are for 50 Pa external static pressure, for additional pressure characteristics, please refer the selection software.

Fan coils

Fan coils - 4 way cassette (AC)

2 and 4-pipe configurations.

3-speed AC fan motor. Cleanable synthetic-type air filter.

For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils		Total capacity		Air flow	Dimension including panel	Weight	Fan coil	RRP Panel	
		Cooling ¹⁾	Heating ²⁾						
Panel		Med kW	Med kW	Max m³/min	H x W x D mm	kg	£	£	
2-pipe	PAW-FC2A-U020-2	PAW-FC-KPY2040	1.8	2.5	659	334 x 720 x 720	14.8	704	168
	PAW-FC2A-U030-2	PAW-FC-KPY2040	2.7	3.7	734	334 x 720 x 720	16.5	762	168
	PAW-FC2A-U040-2	PAW-FC-KPY2040	3.5	4.6	900	334 x 720 x 720	16.5	801	168
	PAW-FC2A-U050-2	PAW-FC-KPU5070	4.4	6.0	979	339 x 960 x 960	37.1	1,284	237
	PAW-FC2A-U060-2	PAW-FC-KPU5070	5.4	7.4	1159	339 x 960 x 960	37.1	1,315	237
1ph	PAW-FC2A-U070-2	PAW-FC-KPU5070	6.5	9.2	1447	339 x 960 x 960	39.6	1,368	237
	PAW-FC4A-U020-2	PAW-FC-KPY2040	1.5	0.9	659	334 x 720 x 720	14.8	791	168
4-pipe	PAW-FC4A-U030-2	PAW-FC-KPY2040	2.7	3.1	734	334 x 720 x 720	16.5	854	168
	PAW-FC4A-U040-2	PAW-FC-KPY2040	3.3	3.5	900	334 x 720 x 720	16.5	895	168
	PAW-FC4A-U060-2	PAW-FC-KPU5070	4.9	5.5	1159	339 x 960 x 960	37.1	1,425	237
	PAW-FC4A-U070-2	PAW-FC-KPU5070	6.0	7.1	1447	339 x 960 x 960	39.6	1,468	237

Water connections information

Fan coils	020	030	040	050	060	070
Type	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections 2-pipe	Inch 3/4	3/4	3/4	1	1	1
Water connections 4-pipe (cool - heat)	Inch 3/4 - 1/2	3/4 - 1/2	3/4 - 1/2	— - —	1 - 3/4	1 - 3/4

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) According to Eurovent standard. Air: 20 °C. Water in / out: 45 °C / 40 °C.

Fan coils - 4 way cassette (EC)

2 and 4-pipe configurations.

Low energy consumption EC fan. Cleanable synthetic-type air filter.

For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	Dimension including panel	Weight	Fan coil	RRP Panel	
			Cooling ¹⁾	Heating ²⁾						
Panel			Med kW	Med kW	Max m³/min	H x W x D mm	kg	£	£	
1ph	2-pipe	PAW-FC2E-U020-2	PAW-FC-KPY2040	1.8	2.5	659	334 x 720 x 720	14.8	854	168
		PAW-FC2E-U030-2	PAW-FC-KPY2040	2.9	3.7	734	334 x 720 x 720	16.5	913	168
		PAW-FC2E-U040-2	PAW-FC-KPY2040	3.5	4.6	900	334 x 720 x 720	16.5	953	168
		PAW-FC2E-U050-2	PAW-FC-KPU5070	4.4	6.0	979	339 x 960 x 960	37.1	1,354	237
		PAW-FC2E-U060-2	PAW-FC-KPU5070	5.5	7.4	1159	339 x 960 x 960	37.1	1,525	237
	4-pipe	PAW-FC2E-U070-2	PAW-FC-KPU5070	6.5	9.2	1598	339 x 960 x 960	39.6	1,578	237
		PAW-FC4E-U020-2	PAW-FC-KPY2040	1.5	0.9	659	334 x 720 x 720	14.8	935	168
		PAW-FC4E-U030-2	PAW-FC-KPY2040	2.7	3.1	734	334 x 720 x 720	16.5	990	168
		PAW-FC4E-U040-2	PAW-FC-KPY2040	3.2	3.5	900	334 x 720 x 720	16.5	1,031	168
		PAW-FC4E-U060-2	PAW-FC-KPU5070	5.0	5.5	1159	339 x 960 x 960	37.1	1,644	237
		PAW-FC4E-U070-2	PAW-FC-KPU5070	6.1	7.1	1598	339 x 960 x 960	39.6	1,663	237

Water connections information

Fan coils	020	030	040	050	060	070
Type	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections 2-pipe	Inch 3/4	3/4	3/4	1	1	1
Water connections 4-pipe (cool - heat)	Inch 3/4 - 1/2	3/4 - 1/2	3/4 - 1/2	— - —	1 - 3/4	1 - 3/4

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) According to Eurovent standard. Air: 20 °C. Water in / out: 45 °C / 40 °C.

Fan coils

Fan coils - floor-standing chassis (AC)

2 and 4-pipe, left and right hand configurations.
5-speed AC fan motor(s). Ease of installation.
For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	Dimension ³⁾	Weight	RRP	
			Cooling ¹⁾	Heating ²⁾					
1ph	Left connection	Right connection	Med kW	Med kW	Max m³/min	H x W x D mm	kg	£	
	2-pipe	PAW-FC2A-P010L	PAW-FC2A-P010R	1.0	1.4	283	477 x 766 x 225	19	344
		PAW-FC2A-P020L	PAW-FC2A-P020R	1.2	1.5	265	477 x 766 x 225	19	360
		PAW-FC2A-P030L	PAW-FC2A-P030R	2.0	2.4	390	477 x 951 x 225	22	385
		PAW-FC2A-P040L	PAW-FC2A-P040R	2.4	2.9	499	477 x 1136 x 225	27	450
		PAW-FC2A-P050L	PAW-FC2A-P050R	3.2	4.1	716	477 x 1321 x 225	30	501
		PAW-FC2A-P060L	PAW-FC2A-P060R	4.6	5.3	933	477 x 1506 x 225	35	544
	4-pipe	PAW-FC2A-P070L	PAW-FC2A-P070R	6.1	7.9	1064	575 x 1319 x 225	35	609
		PAW-FC4A-P010L	PAW-FC4A-P010R	0.9	0.7	253	477 x 766 x 225	20	374
		PAW-FC4A-P020L	PAW-FC4A-P020R	1.1	0.9	241	477 x 766 x 225	20	380
		PAW-FC4A-P030L	PAW-FC4A-P030R	1.9	1.4	369	477 x 951 x 225	23	408
		PAW-FC4A-P040L	PAW-FC4A-P040R	2.3	1.6	467	477 x 1136 x 225	29	478
		PAW-FC4A-P050L	PAW-FC4A-P050R	3.0	2.3	671	477 x 1321 x 225	32	532
		PAW-FC4A-P060L	PAW-FC4A-P060R	4.4	2.9	885	477 x 1506 x 225	37	581
PAW-FC4A-P070L		PAW-FC4A-P070R	5.9	3.6	1012	575 x 1319 x 225	37	654	

Water connections information

Fan coils		010	020	030	040	050	060	070	080
Type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections 2-pipe	Inch	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Water connections 4-pipe (cool - heat)	Inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2	3/4 - 1/2

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) Air: 20 °C. Water in / out: 50 °C / 45 °C. 3) Without support feet.

Fan coils - floor-standing chassis (EC)

2 and 4-pipe, left and right hand configurations.
Low energy consumption EC fan(s). Ease of installation.
For required options 2 way or 3 way valves and remote controllers see accessories page 85.



Fan coils			Total capacity		Air flow	Dimension ³⁾	Weight	RRP	
			Cooling ¹⁾	Heating ²⁾					
	Left connection	Right connection	Med kW	Med kW	Max m³/min	H x W x D mm	kg	£	
1ph	2-pipe	PAW-FC2E-P010L	PAW-FC2E-P010R	1.2	1.6	417	477 x 766 x 225	19	521
		PAW-FC2E-P020L	PAW-FC2E-P020R	1.4	1.9	413	477 x 766 x 225	19	534
		PAW-FC2E-P030L	PAW-FC2E-P030R	2.1	2.2	585	477 x 951 x 225	22	560
		PAW-FC2E-P040L	PAW-FC2E-P040R	2.9	3.0	678	477 x 1136 x 225	27	625
		PAW-FC2E-P050L	PAW-FC2E-P050R	4.0	5.2	816	477 x 1321 x 225	30	676
		PAW-FC2E-P060L	PAW-FC2E-P060R	4.5	5.9	912	477 x 1506 x 225	35	719
	4-pipe	PAW-FC2E-P070L	PAW-FC2E-P070R	5.9	7.3	1050	575 x 1319 x 225	35	789
		PAW-FC2E-P080L	PAW-FC2E-P080R	6.5	8.0	1398	575 x 1506 x 225	47	1,041
		PAW-FC4E-P010L	PAW-FC4E-P010R	1.1	0.8	379	477 x 766 x 225	20	550
		PAW-FC4E-P020L	PAW-FC4E-P020R	1.2	0.9	380	477 x 766 x 225	20	555
		PAW-FC4E-P030L	PAW-FC4E-P030R	1.9	1.4	540	477 x 951 x 225	23	584
		PAW-FC4E-P040L	PAW-FC4E-P040R	2.7	2.0	627	477 x 1136 x 225	29	654
		PAW-FC4E-P050L	PAW-FC4E-P050R	3.6	2.4	646	477 x 1321 x 225	32	708
		PAW-FC4E-P060L	PAW-FC4E-P060R	4.1	2.9	716	477 x 1506 x 225	37	755
		PAW-FC4E-P070L	PAW-FC4E-P070R	5.1	3.4	894	575 x 1319 x 225	37	831
		PAW-FC4E-P080L	PAW-FC4E-P080R	6.2	5.9	1079	575 x 1506 x 225	49	1,094

Water connections information

Fan coils		010	020	030	040	050	060	070	080
Type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections 2-pipe	Inch	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Water connections 4-pipe (cool - heat)	Inch	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	1/2 - 1/2	3/4 - 1/2	3/4 - 1/2

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) Air: 20 °C. Water in / out: 50 °C / 45 °C. 3) Without support feet.

Fan coils

Fan coils - wall-mounted (AC)

Version: 2-pipes, AC fan. 3-speed AC fan motor.

Aesthetic design suitable for residential applications.

For required options 2 way or 3 way valves and remote controllers see accessories page 85.



2-pipe fan coil			Total capacity		Air flow	Dimension	Weight		RRP
			Cooling ¹⁾	Heating ²⁾					
IR versions			Med	Med	Max	H x W x D			
			kW	kW	m³/min	mm	kg	£	£
1ph	PAW-FC2A-K007	PAW-FC2A-K007IR	1.3	1.7	360	275 x 180 x 845	11	403	445
	PAW-FC2A-K009	PAW-FC2A-K009IR	1.7	2.0	551	275 x 180 x 845	11	445	482
	PAW-FC2A-K018	PAW-FC2A-K018IR	3.0	3.2	680	298 x 200 x 940	13	500	532
	PAW-FC2A-K022	PAW-FC2A-K022IR	3.1	3.7	850	298 x 200 x 940	13	543	581

Water connections information

Fan coils		007	009	018	022
Type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections	Inch	1/2	1/2	1/2	1/2

1) According to Eurovent standard. Air: 27 °C DB / 19 °C WB. Water in / out: 7 °C / 12 °C. 2) According to Eurovent standard. Air: 20 °C. Water in / out: 45 °C / 40 °C.

Smart fan coils

Extremely compact (only 129 mm deep).

Touch screen thermostat.

3-way valve included.



Fan coils		Total capacity		Air flow	Dimension	Weight	RRP
		Cooling	Heating				
		Med	Med	Max	H x W x D	kg	£
		kW	kW	m ³ /min	mm		
1ph	PAW-AAIR-200-2	0.5	0.4	2.7	735 x 579 x 129	17	720
	PAW-AAIR-700-2	0.9	0.8	5.3	935 x 579 x 129	20	779
	PAW-AAIR-900-2	1.6	1.2	7.7	1135 x 579 x 129	23	933
	NEW PAW-AAIR-1100-2	1.8	1.4	9.6	1335 x 579 x 129	26	898

* Smart fan coils is produced by Innova.

Wired controllers for AC and EC fan coils

Controllers with sophisticated designs, provide a user friendly interface while enabling an easy and low cost integration to building management systems.



Advanced wired remote controller (AC). PAW-FC-RC1

- For 2-pipe and 4-pipe, AC fan
- Change Over function (cold draft prevention)
- Room thermostat
- 3 outputs, 230 V relays for fan control
- 2 outputs, 230 V relays for heating / cooling control
- Connection to BMS - Modbus RTU slave
- 1 DI for presence detection (key card switch)
- 1 AI for sensor



Wired remote controller (AC/EC). PAW-FC-907AC

- For 2-pipe, AC fan
- Back lit LCD screen with touch control
- 3 speed control relay, for fan
- Economizer

PAW-FC-907EC

- For 2-pipe and 4-pipe, EC fan
- Back lit LCD screen with touch control
- Adjustable range EC fan control
- Economizer
- Connection to BMS via Modbus
- 1 DI for presence detection (key card switch)



Wired remote controller (AC/EC). PAW-FC-903AC

- For 2-pipe, AC fan
- Back lit LCD screen
- 3 speed control relay, for fan
- Economizer

PAW-FC-903EC

- For 2-pipe and 4-pipe, EC fan
- Back lit LCD screen
- Adjustable range EC fan control
- Economizer
- Connection to BMS via Modbus
- 1 DI for presence detection (key card switch)

Wired remote controller for outdoor units			RRP £
	Remote control for the need to be installed remotely from the units for R410A models.	PAW-SYSREMKIT	TBC
	Remote control for the need to be installed remotely from the units for R32 models.	PAW-SYSREMKIT1	TBC
Remote monitoring service ECOi-W Cloud			RRP £
	Remote antenna to improve signal coverage.	PAW-CM000K0001	TBC
	Cloudgate Plug & Play IP65 box mobile 4G Europe.	PAW-CM000SP041	TBC
	ECOi-W Cloud service fee. Prepaid subscription for 1 year.	PAW-00SRTS011	TBC
Cascade control			RRP £
	Cascade control - Plug & Play solution	PAW-CSC-L22-01	TBC
Shut off valves			RRP £
	Shut off valves kit for R32 models 50 - 75.	PAW-SYSSOV4	TBC
	Shut off valves kit for R32 models 85 - 170.	PAW-SYSSOV5	TBC
	Shut off valves kit for R410A models 20 - 40.	PAW-SYSSOV1	TBC
Viciaulic® connection kit			RRP £
	Viciaulic® connection kit for model 140 - 210.	PAW-SYSVICTH	TBC
Wired remote controller for fan coil			RRP £
	Advanced wired remote controller for AC fan coil (control + Modbus).	PAW-FC-RC1	95
	Wired remote controller with touch control for 2-pipe and 4-pipe, EC fan coil (control + Modbus).	PAW-FC-907EC	148
	Wired remote controller with touch control for 2-pipe, AC fan coil (control only).	PAW-FC-907AC	100
	Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).	PAW-FC-903EC	126
	Wired remote controller for 2-pipe, AC fan coil (control only).	PAW-FC-903AC	46
Fan coil ceiling, floor-standing and ducted valve accessories			RRP £
	2 way valve + drain pan for 2-pipe ceiling, floor-standing and ducted models 010-060.	PAW-FC-2WY-11/55-1	67
	2 way valve + drain pan for 2-pipe ceiling, floor-standing and ducted models 070-080.	PAW-FC-2WY-65/90-1	76
	2 way valve + drain pan for 2-pipe ducted model F040.	PAW-FC-2WY-F040	90
	3 way valve + drain pan for 2-pipe ceiling, floor-standing and ducted models 010-060.	PAW-FC-3WY-11/55-1	98
	3 way valve + drain pan for 2-pipe ceiling, floor-standing and ducted models 070-080.	PAW-FC-3WY-65/90-1	110
	3 way valve + drain pan for 2-pipe ducted model F040.	PAW-FC-3WY-F040	145
	2 way valve + drain pan for 4-pipe ceiling, floor-standing and ducted models 010-060.	PAW-FC4-2WY-010	119
	2 way valve + drain pan for 4-pipe ceiling, floor-standing and ducted models 070-080.	PAW-FC4-2WY-070	128
	2 way valve + drain pan for 4-pipe ducted model F040.	PAW-FC4-2WY-F040	151
	3 way valve + drain pan for 4-pipe ceiling, floor-standing and ducted model 010.	PAW-FC4-3WY-010	192
	3 way valve + drain pan for 4-pipe ceiling, floor-standing and ducted models 020-060.	PAW-FC4-3WY-020	192
	3 way valve + drain pan for 4-pipe ceiling, floor-standing and ducted models 070-080.	PAW-FC4-3WY-070	235
	3 way valve + drain pan for 4-pipe ducted model F040.	PAW-FC4-3WY-F040	266

Fan coil high static ducted valve accessories		RRP £
2 way valve + drain pan for 2-pipe high static ducted model E070.	PAW-FC2-2WY-E070	165
2 way valve + drain pan for 2-pipe high static ducted models E150-E180.	PAW-FC-2WY-150	161
2 way valve + drain pan for 2-pipe high static ducted models E210-E240.	PAW-FC2-2WY-E210	235
3 way valve + drain pan for 2-pipe high static ducted model E070.	PAW-FC2-3WY-E070	291
3 way valve + drain pan for 2-pipe high static ducted models E150-E180.	PAW-FC-3WY-150	208
3 way valve + drain pan for 2-pipe high static ducted models E210-E240.	PAW-FC2-3WY-E210	366
2 way valve + drain pan for 4-pipe high static ducted model E070.	PAW-FC4-2WY-E070	262
2 way valve + drain pan for 4-pipe high static ducted models E150-E180.	PAW-FC4-2WY-E150	268
2 way valve + drain pan for 4-pipe high static ducted models E210-E240.	PAW-FC4-2WY-E210	328
3 way valve + drain pan for 4-pipe high static ducted model E070.	PAW-FC4-3WY-E070	402
3 way valve + drain pan for 4-pipe high static ducted models E150-E180.	PAW-FC4-3WY-E150	402
3 way valve + drain pan for 4-pipe high static ducted models E210-E240.	PAW-FC4-3WY-E210	459
Fan coil cassette accessories		RRP £
2 way valve + drain pan for 2-pipe cassette models U020-U040.	PAW-FC2-2WY-U020	191
2 way valve + drain pan for 2-pipe cassette models U050-U070.	PAW-FC2-2WY-U050	191
3 way valve + drain pan for 2-pipe cassette models U020-U040.	PAW-FC2-3WY-U020	191
3 way valve + drain pan for 2-pipe cassette models U050-U070.	PAW-FC2-3WY-U050	191
2 way valve + drain pan for 4-pipe cassette models U020-U040.	PAW-FC4-2WY-U020	318
2 way valve + drain pan for 4-pipe cassette models U050-U070.	PAW-FC4-2WY-U050	318
3 way valve + drain pan for 4-pipe cassette models U020-U040.	PAW-FC4-3WY-U020	318
3 way valve + drain pan for 4-pipe cassette models U050-U070.	PAW-FC4-3WY-U050	318
Panel 720 x 720 mm for cassette models U020-U040.	PAW-FC-KPY2040	168
Panel 960 x 960 mm for cassette models U050-U070.	PAW-FC-KPU5070	237
Fan coil wall-mounted valve accessories		RRP £
2 way valve for 2-pipe wall-mounted K007-K022.	PAW-FC2-2WY-K007	79
3 way valve for 2-pipe wall-mounted K007-K022.	PAW-FC2-3WY-K007	126
Smart fan coil accessories		RRP £
Kits of 2 legs to protect the water pipings.	PAW-AAIR-LEGS-1	56
Motor connection cable for units with hydraulic connections on the right.	PAW-AAIR-RHCABLE	27



CO₂ condensing units - CR Series with natural refrigerant

Panasonic's CO₂ condensing units - CR Series provide the ideal solution for supermarkets, convenience stores and gas stations.

CO₂ transcritical condensing units - CR Series.

- Reliable quality - made in Japan
- Set-points at medium or low temperature available depending on applications
- 2-stage compressor with the split cycle for increased efficiency
- High seasonal performance and high COP at high ambient temperature



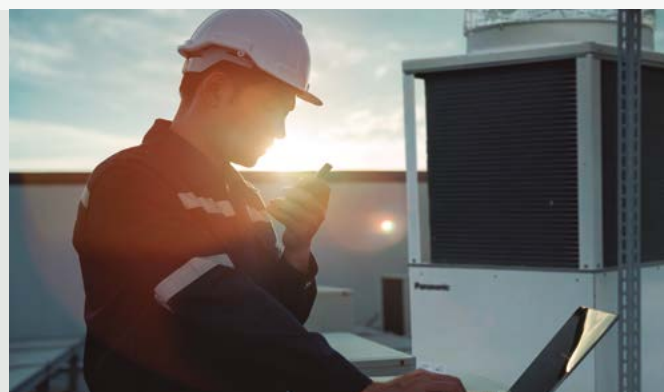
Compact control panel and electric expansion valves (EEVs).

- A compact intelligent controller has the smart program especially for cold rooms
- 7 different sizes EEVs are ready to meet precisely the field demand



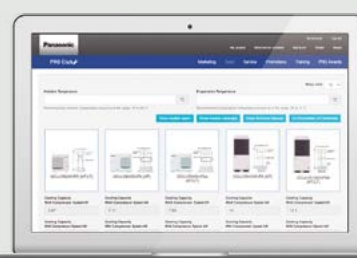
CO₂ service checker.

- Useful tool supporting daily technical tasks on the field such as commissioning
- Reading and recording variable technical parameters
- Monitoring an alarm status



Design support tool available in Panasonic PRO Club.

- Supporting engineers and installers to make a quick calculations when specifying the project
- Ready to work on all computers, tablets and smartphones



PRO Club 

Outdoor units	MT	4.0 kW	7.0 kW	8.0 kW	15.0 kW	16.0 kW
	LT	2.0 kW		4.0 kW		8.0 kW
4 kW MT / LT (200VF5A)						
	 OCU-CR200VF5A OCU-CR200VF5ASL OCU-CR200VF5A-PRV					
7.5 kW MT (400VF8)						
	 OCU-CR400VF8 OCU-CR400VF8SL OCU-CR400VF8-PRV					
7.5 kW MT / LT (400VF8A)						
	 OCU-CR400VF8A OCU-CR400VF8ASL OCU-CR400VF8A-PRV					
15 kW MT (1000VF8)						
	 OCU-CR1000VF8 OCU-CR1000VF8SL OCU-CR1000VF8-PRV					
16 kW MT / LT (1000VF8A)						
	 OCU-CR1000VF8A OCU-CR1000VF8ASL OCU-CR1000VF8A-PRV					

Accessories		RRP €
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V03CWAC0	KIT-C02-PANEL-C-03	1,822
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V05CWAC0	KIT-C02-PANEL-C-05	1,822
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V09CWAC0	KIT-C02-PANEL-C-09	1,822
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V11CWAC0	KIT-C02-PANEL-C-11	1,822
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V14CWAC0	KIT-C02-PANEL-C-14	1,822
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V18CWAC0	KIT-C02-PANEL-C-18	1,822
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" ODF high pressure, size E2V24CWAC0	KIT-C02-PANEL-C-24	1,822
Service adaptor for vacuum and service (HP and LP port), for 2 HP, 4 HP and 10 HP	SPK-TU125	176
Service Checker for commissioning, maintenance and service, for 2 HP, 4 HP and 10 HP	PAW-C02-CHECKER	519
Lubrication Oil PZ-68S [0.5L]*, for 2 HP, 4 HP and 10 HP	CZ-C02LBROL500	103

Spare parts for service and maintenance		RRP €
S-008T Suction filter, Ø19,05 (outer Ø welding) for 4 HP and 10 HP	80203514138000 ¹⁾	TBC
S-008T1 Suction filter, Ø19,05 (outer Ø welding) for 4 HP and 10 HP	80203514139000 ²⁾	TBC
D-152T Filter dryer, Ø5/8 (15,88) (in Ø welding) (type CO-085-S) for 10 HP	80203513180000 ³⁾	TBC
DCY-P8 165 S Filter dryer, Ø 5/8 (16,10) (in Ø welding) for 10 HP	80203513187000 ⁴⁾	TBC
D-152T Filter dryer, Ø1/4 (6,35) (in Ø welding) (type CO-082-S) for 2 HP and 4 HP	80203513179000 ⁵⁾	TBC
DCY-P12 092 S Filter dryer, Ø1/4 (6,40) (in Ø welding) for 2 HP and 4 HP	80203513186000 ⁶⁾	TBC

* You can find the PZ-68S oil "Safety Sheet" in the SAFETY section of our pipe selection software, available on our PRO Club platform.

Compatibility relationship: 1) and 2) are compatible; 3) and 4) are compatible; 5) and 6) are compatible.
Stock availability: 1), 3) and 5) until end of stock.

CO₂ condensing units - CR Series

Standard outdoor unit			OCU-CR200VF5A		OCU-CR400VF8		OCU-CR400VF8A		OCU-CR1000VF8		OCU-CR1000VF8A			
Anti corrosion coating outdoor unit			OCU-CR200VF5ASL		OCU-CR400VF8SL		OCU-CR400VF8ASL		OCU-CR1000VF8SL		OCU-CR1000VF8ASL			
PRV outdoor unit			OCU-		CR200VF5A-PRV		CR400VF8-PRV		CR400VF8A-PRV		CR1000VF8-PRV		CR1000VF8A-PRV	
Type (MT: medium temperature, LT: low temperature)					MT (4 kW) / LT (2 kW)		MT (7.5 kW)		MT (8 kW) / LT (4 kW)		MT (15 kW)		MT (16 kW) / LT (8 kW)	
Power supply	Voltage	V			220/230/240		380/400/415		380/400/415		380/400/415		380/400/415	
	Phase				Single phase		Three phase		Three phase		Three phase		Three phase	
	Frequency	Hz			50		50		50		50		50	
Cooling capacity at ET -10 °C AT 32 °C			kW		3.70		7.10		7.70		14.00		15.10	
Cooling capacity at ET -35 °C AT 32 °C			kW		1.80		—		3.80		—		8.00	
SEPR cooling at ET -10 °C AT 32 °C					3.83		2.68		2.45		2.62		2.82	
SEPR freezing at ET -35 °C AT 32 °C					1.92		—		1.56		—		1.66	
Annual electricity consumption at ET -10 °C AT 32 °C			kWh/a		6797		16337		19302		32815		32409	
Annual electricity consumption at ET -35 °C AT 32 °C			kWh/a		8021		—		30424		—		39985	
Evaporator connection					Multiple		Multiple		Multiple		Multiple		Multiple	
Evaporation temperature	Min ~ Max	°C			-45 ~ -5		-20 ~ -5		-45 ~ -5		-20 ~ -5		-45 ~ -5	
Ambient temperature	Min ~ Max	°C			-20 ~ +43		-20 ~ +43		-20 ~ +45		-15 ~ +43		-15 ~ +43	
Refrigerant					R744		R744		R744		R744		R744	
Design pressure liquid line			Mpa		12		8		8		8		8	
Design pressure suction line			Mpa		8		8		8		8		8	
User system external alarm. Digital input. Non-voltage contact					Yes		Yes		Yes		Yes		Yes	
Liquid tube electromagnetic valve			Vac		220/230/240		220/230/240		220/230/240		220/230/240		220/230/240	
Showcase operation ON / OFF signal. Digital input. Non-voltage contact					Yes		Yes		Yes		Yes		Yes	
Modbus communication line (RS485)			Ports		Yes		Yes		Yes		Yes		Yes	
Compressor type					2- stage rotary		2- stage rotary		2- stage rotary		2- stage rotary		2- stage rotary	
Dimension	H x W x D	mm			930 x 900 x 437		948 x 1143 x 609		948 x 1143 x 609		1941 x 890 x 890		1941 x 890 x 890	
Net weight			Kg		70		136		149		293		320	
Piping diameter ¹⁾	Suction pipe	Inch (mm)			3/8 (9.52)		1/2 (12.70)		1/2 (12.70)		3/4 (19.05)		3/4 (19.05)	
	Liquid pipe	Inch (mm)			1/4 (6.35)		3/8 (9.52)		3/8 (9.52)		5/8 (15.88)		5/8 (15.88)	
Length of connection piping			m		25		50 ²⁾		50 ²⁾		100 ³⁾		100 ³⁾	
PED			CAT		I		II		II		II		II	
Air flow			m³/min		54		59		59		220		220	
External static pressure			Pa		17		50		50		58		58	
Heat recovery port					—		—		Yes		—		Yes	
Standard performance	Ambient temperature	°C			32		32		32		32		32	
	Evaporating temperature	°C			-10 -35		-10 -35		-10 -35		-10 -35		-10 -35	
	Cooling capacity	kW			3.70 1.80		7.10		7.7 3.8		14.00		15.10 8.00	
	Power consumption	kW			1.79 1.65		4.00		4.5 3.8		8.20		8.20 7.57	
	Nominal load ampere	A			7.94 7.26		6.14		7.2 6.2		12.60		12.60 11.60	
	Sound pressure	dB(A)			35.5 ⁴⁾ 35.5 ⁴⁾		33 ⁵⁾		36.1 ⁵⁾ 36.1 ⁵⁾		36.0 ⁶⁾		36.0 ⁶⁾ 36.0 ⁶⁾	
Necessary accessories														
Drier filter liquid line, Ø6.35 mm			D-152T / DCY-P12		Yes (included)		Yes (included)		Yes (included)		—		—	
Drier filter liquid line, Ø15.88 mm			D-155T / DCY-P8		—		—		—		Yes (included)		Yes (included)	
Suction filter, Ø19.05 mm (outer Ø welding)			S-008T / S-008T1		—		Yes (included)		Yes (included)		Yes (included)		Yes (included)	
Outdoor unit RRP			£		9,425		15,105		20,657		24,220		27,371	
PRV outdoor unit RRP			£		9,708		15,559		21,277		24,947		28,193	

1) These diameters correspond to the output of the unit. The required diameter must be calculated with Refrigeration designer available on PRO Club. 2) PZ-68S (refrigeration oil) must be added according to Refrigeration designer available on PRO Club. 3) PZ-68S (refrigeration oil) must be added if >50 m. 4) ET-10 °C, 65 S-1, 10 m from product. 5) ET-10 °C, 80 S-1, 10 m from product. 6) ET -10 °C, 60 S-1, 10 m from product.



Accessories		RRP £
10 metre flow box extension lead.	PAW-UK-FLOW-EXT10	42
25 metre flow box extension lead.	PAW-UK-FLOW-EXT25	58
Pre-heater kit for model 250 - 350.	PAW-UK-HEATER-KIT1	512
Pre-heater kit for model 500.	PAW-UK-HEATER-KIT2	557
Pre-heater kit for model 800 - 1000.	PAW-UK-HEATER-KIT3	557
PACi unit fan interface including relay.	PAW-UK-SMF1	43
RAC unit return air sensor extension.	PAW-UK-RACSENSOR	25
Leak detector - curved white - 2 relay.	PAW-UK-LD-RD-CW2	207
Leak detector - stainless steel - 2 relay.	PAW-UK-LD-RD-SS2	215
Leak detector - white - 2 relay.	PAW-UK-LD-RD-W2	198
Single leak detector power supply.	PAW-UK-RD-em-PS2	58
4 way leak detector power supply.	PAW-UK-RD-em-PS4	187
Plastic flushmount 47 mm back box for leak detector (rd-em).	PAW-UK-PC3RDEM-FMBB	2
IMEC - rad 32 channel leak detector monitoring unit.	PAW-UK-IMEC-RAD32	1,809
IMEC - rad 64 channel leak detector monitoring unit.	PAW-UK-IMEC-RAD64	2,925
Test kit case + ancillary equipment.	PAW-UK-LD-Test-Kit	392
Test gas (10,000 ppm R410A in air).	PAW-UK-LD-Test-Gas	367
Outlet plenum - S-3650PF3E & MF3 indoor sizes 15, 22, 28, 36 & 50.	PAW-UK-NXPF-2DUCT	57
Inlet plenum - S-3650PF3E & MF3 indoor sizes 15, 22, 28, 36 & 50.	PAW-UK-NXPF-2DUCTRETURN	130
Outlet plenum - S-6071PF3E & MF3 indoor sizes 60, 73, & 90.	PAW-UK-NXPF-3DUCT	77
Inlet plenum - S-6071PF3E & MF3 indoor sizes 60, 73, & 90.	PAW-UK-NXPF-3DUCTRETURN	142
Outlet plenum - S-1014PF3E & MF3 indoor sizes 106, 140, & 160.	PAW-UK-NXPF-4DUCT	95
Inlet plenum - S-1014PF3E & MF3 indoor sizes 106, 140, & 160.	PAW-UK-NXPF-4DUCTRETURN	184
Weatherproof enclosure for FY-250 HRV unit.	PAW-UK-WPE250	270
Weatherproof enclosure for FY-350 HRV unit.	PAW-UK-WPE350	360
Weatherproof enclosure for FY-500 HRV unit.	PAW-UK-WPE500	387
Weatherproof enclosure for FY-800 HRV unit.	PAW-UK-WPE800	746
Weatherproof enclosure for FY-01 HRV unit.	PAW-UK-WPE01	820
5 Amp fuse for non NX units.	PAW-UK-PACi-5A	5
10 Amp fuse for non NX units (high static ducted).	PAW-UK-PACi-10A	5
Power supply for Intesis.	PAW-UK-INT-PWR	18
Power supply for Smart Cloud router.	PAW-UK-SMCL-PWR	21
Back box for heat recovery unit remote controller.	PAW-UK-HRV-RC-BOX	12

		RRP €
Airzone blueface zero thermostat white 8Z (CE6).	PAW-UK-AZCE6BLUEZEROCB	217
Airzone blueface zero thermostat wired black 8Z (CE6).	PAW-UK-AZCE6BLUEZEROCN	217
Airzone flexa 3.0 Main board 6Z.	PAW-UK-AZCE6FLEXA3	299
Airzone lite thermostat wired (white).	PAW-UK-AZCE6LITECB	150
Airzone lite thermostat wired (black).	PAW-UK-AZCE6LITECN	150
Airzone lite wireless thermostat (white).	PAW-UK-AZCE6LITERB	187
Airzone lite wireless thermostat (black).	PAW-UK-AZCE6LITERN	187
Airzone think thermostat wired (white).	PAW-UK-AZCE6THINKCB	142
Airzone think monochrome wireless thermostat (white).	PAW-UK-AZCE6THINKRB	221
Airzone think monochrome thermostat wireless (black).	PAW-UK-AZCE6THINKRN	221
Airzone medium plenum 4x 200 mm spigots.	PAW-UK-AZEZ8PANBS08L4	1,245
Airzone medium plenum 5x 200 mm spigots.	PAW-UK-AZEZ8PANBS08L5	1,328
Airzone Easyzone medium discharge plenum 4x 200 mm spigots to suit S-6071PF3 (no fa connection).	PAW-UK-AZEZ8PANBS08M4	1,245
Airzone Easyzone medium discharge plenum 3x 200 mm spigots to suit S-3650PF3 (no fa connection).	PAW-UK-AZEZ8PANBS08S3	1,167
Airzone Easyzone medium discharge plenum 4x 200 mm spigots to suit S-3650PF3 (no fa connection).	PAW-UK-AZEZ8PANBS08S4	1,245
Airzone Easyzone standard discharge plenum 5x 200 mm spigots (fa connection).	PAW-UK-AZEZ8PANST08L5	1,328
Airzone Easyzone standard discharge plenum 6x 200 mm spigots (fa connection).	PAW-UK-AZEZ8PANST08L6	1,411
Airzone Easyzone standard discharge plenum 3x 200 mm spigots to suit S-3650PF3 (fa connection).	PAW-UK-AZEZ8PANST08S3	1,167
Airzone Easyzone standard discharge plenum 4x 200 mm spigots to suit S-3650PF3 (fa connection).	PAW-UK-AZEZ8PANST08S4	1,245
X6 comun - cable bus Airzone (2x 0,5 + 2x 0,22) 100 m.	PAW-UK-AZX6CABLEBUS100	93
Airzone shielded bus cable 2x 0.22 + 2x 0.5 (15 m).	PAW-UK-AZX6CABLEBUS15	20
Airzone 2x 0.75 red-black cable (100 m).	PAW-UK-AZX6CABLERN100	93
Airzone Panasonic controller gateway.	PAW-UK-AZX6GTCPAN	245
Webserver Airzone cloud Wi-Fi.	PAW-UK-AZX6WSC5GER	204
Webserver airzone cloud Wi-Fi & ethernet.	PAW-UK-AZX6WSPHUB	245
Units with 1 fan stripdown.	SVC-VRF-SD1	3,000
Units with 2 fans stripdown.	SVC-VRF-SD2	3,000
PACi units stripdown.	SVC-PAC-SD	3,000

Legacy Sanyo replacement technology from Panasonic

GHP - J2 - 2-Pipe

Sanyo model	Panasonic model
SGP-E70J2GU2	No equivalent
SGP-E90J2GU2	No equivalent
SGP-E120J2GU2	No equivalent
SGP-E150J2GU2	U-16GE3E5
SGP-E190J2GU2	U-20GE3E5

GHP - K1 - 2-Pipe

Sanyo model	Panasonic model
SGP-E70K1GU2	No equivalent
SGP-E90K1GU2	No equivalent
SGP-E120K1GU2W	No equivalent
SGP-E150K1GU2W	U-16GE3E5
SGP-E190K1GU2W	U-20GE3E5
SGP-E240K1GU2W	U-25GE3E5

GHP - M2 - 2-Pipe

Sanyo model	Panasonic model
SGP-EW150M2G2W	U-16GE3E5
SGP-EW190M2G2W	U-20GE3E5
SGP-EW240M2G2W	U-25GE3E5

GHP - J2 - 3-Pipe

Sanyo model	Panasonic model
SGP-EZ190J2GU2	U-20GF3E5

GHP - K1 - 3-Pipe

Sanyo model	Panasonic model
SGP-EZ190K1GU2	U-20GF3E5

GHP - M2 - 3-Pipe

Sanyo model	Panasonic model
SGP-EW120M2G2W	No equivalent
SGP-EZ150M2G2	U-16GF3E5
SGP-EZ190M2G2	U-20GF3E5
SGP-EZ240M2G2	U-25GF3E5

GHP - ECO G Power

Sanyo model	Panasonic model
SGP-EGW190M2G2W	No equivalent

VRF - Mini ECOi

Sanyo reference	Panasonic equivalent
SPW-CR365GX(H)56(B)	U-4LE2E5
SPW-CR485GX(H)56(B)	U-5LE2E5
SPW-CR605GX(H)56(B)	U-6LE2E5
SPW-CR365GXH8B	U-4LE2E8
SPW-CR485GXH8B	U-5LE2E8
SPW-CR605GXH8B	U-6LE2E8

VRF - 6 Series 2-Pipe

Sanyo reference	Panasonic equivalent
SPW-C0706DXH8	U-8ME2E8
SPW-C0906DXH8	U-10ME2E8
SPW-C1156DXH8	U-12ME2E8
SPW-C1306DXH8	U-14ME2E8
SPW-C1406DXH8	U-16ME2E8
SPW-C1606DXH8	U-18ME2E8
SPW-C1806DXH8	U-20ME2E8

VRF - 5 Series 2-Pipe

Sanyo reference	Panasonic equivalent
SPW-C0705DXHN8	U-8ME2E8
SPW-C0905DXHN8	U-10ME2E8
SPW-C1155DXHN8	U-12ME2E8
SPW-C1305DXHN8	U-14ME2E8
SPW-C1405DXHN8	U-16ME2E8

VRF - 5 Series outdoor units - 3-Pipe

Sanyo reference	Panasonic equivalent
SPW-C0705DZH8	U-8MF3E8
SPW-C0905DZH8	U-10MF3E8
SPW-C1155DZH8	U-12MF3E8
SPW-C1305DZH8	U-14MF3E8
SPW-C1405DZH8	U-16MF3E8

Please be advised that when replacing Sanyo outdoor unit with any U-***MF3E8 outdoor unit. It is necessary to take into consideration that the discharge pipe length is required for additional refrigerant charge.

VRF - indoor units

Model size	Cassette 90x90	Hide-away	Ceiling	Wall-mounted
	X***XH	U***XH	T***XH	K***XH
	XDR***GXH56	UR***GXH56	TDR***GXH56	KR***GXH56
74 / 75 / 76	S-22MU2E5B	S-22MF3E5A	—	S-22MK2E5B
94 / 95 / 96	S-28MU2E5B	S-28MF3E5A	—	S-28MK2E5B
124 / 125 / 126	S-36MU2E5B	S-36MF3E5A	S-36MT2E5A	S-36MK2E5B
164 / 165 / 166	S-45MU2E5B	S-45MF3E5A	S-45MT2E5A	S-45MK2E5B
184 / 185 / 186	S-56MU2E5B	S-56MF3E5A	S-56MT2E5A	S-56MK2E5B
254 / 255 / 256	S-73MU2E5B	S-73MF3E5A	S-73MT2E5A	S-73MK2E5B
364 / 365 / 366	S-106MU2E5B	S-106MF3E5A	S-106MT2E5A	S-106MK2E5B
484 / 485 / 486	S-140MU2E5B	S-140MF3E5A	S-140MT2E5A	—
604 / 605 / 606	S-160MU2E5B	S-160MF3E5A	—	—

4 & 5 series indoor units: Above is a table showing the current Panasonic equivalent for each Sanyo indoor model. Indoor units can be added or replaced without any setting changes.

Please note there have been design changes therefore dimensions and appearances will not be the same. Please check in technical manual.

3 series indoor units: When using a current Panasonic R410A outdoor and mixing the current Panasonic indoors with 3 series Sanyo indoor units on the same system, you will need to access the detailed settings to change code 15 to 0029 on the Sanyo indoor units.

In almost all circumstances it is possible to replace old Sanyo units with current Panasonic models however, each Sanyo generation has different criteria to consider when replacing. Below we have outlined how to replace each generation.



VRF - 4 Series outdoor units - 3-Pipe

Sanyo reference	Panasonic equivalent
SPW-CR704GDZH8	U-8MF3E8
SPW-CR904GDZH8	U-10MF3E8
SPW-CR1154GDZH8	U-12MF3E8
SPW-CR1304GDZH8	U-14MF3E8
SPW-CR1404GDZH8	U-16MF3E8
SPW-CR704GDZH8B	U-8MF3E8
SPW-CR904GDZH8B	U-10MF3E8
SPW-CR1154GDZH8B	U-12MF3E8
SPW-CR1304GDZH8B	U-14MF3E8
SPW-CR1404GDZH8B	U-16MF3E8

Please be advised that when replacing Sanyo outdoor unit with any U-**MF3E8 outdoor unit. It is necessary to take into consideration that the discharge pipe length is required for additional refrigerant charge.

VRF - 3 Series 3-Pipe - R407c

Sanyo reference	Panasonic equivalent
SPW-CR703GZH8	U-8MF3E8
SPW-CR903GZH8	U-10MF3E8

This generation runs on R407c refrigerant so it is always best practice to replace all equipment and take advantage of Panasonic's renewal technologies.

However in situations where this is not feasible then it is possible to replace indoors and also outdoor units with conditions. When carrying out these replacements it is particularly important to check the wall thickness and integrity of the pipework is appropriate for re-use and that standard renewal procedures are followed.

NOTE: The new R410A system will run at a lot higher pressure than the existing R407c system therefore it is necessary to change a setting on the outdoor unit which will restrict the running pressure to the lower value associated with R407c refrigerant. As a further fail safe it is recommended to replace the high pressure switch, the part number for this is CZ-PSWK2.

Please be advised that when replacing Sanyo outdoor unit with any U-**MF3E8 outdoor unit. It is necessary to take into consideration that the discharge pipe length is required for additional refrigerant charge.

Local and system controls

Controls	Sanyo reference	Panasonic equivalent
Wired remote controller	RCS-TM80BG	CZ-RTC5B
Schedule timer	SHA-TM64AGB	CZ-ESWC2
System controller	SHA-KC64AGB	CZ-64ESMC2
ON / OFF controller	SHA-KC16KAGB	CZ-ANC2
Intelligent controller	SHA-KT256EG	CZ-256ESMC2
Communication adaptor connector	SHA-KA128AGB	CZ-CFUNC2
Seri-Para I/O unit for outdoor	ACC-XSP4U1GB	CZ-CAPDC2
Interface adaptor	SHA-KL4UGB	CZ-CAPC2
Seri-Para I/O unit for each I/U	ACC-SP1AGB	CZ-CAPBC2
LonWorks® interface	SHA-LN16UGB	CZ-CLNC2
Web interface	SHA-KW64EG	CZ-CWECB2

All local controls work via the same 2 core cable as current Panasonic controllers meaning they can easily be replaced for new controllers. The appearance of the new Panasonic controls have changed and also not all of the new features will work on existing Sanyo equipment (i.e. energy monitoring on CZ-RTC5B).

The same applies for system controls and other interfaces which operate using 2 core communications (U1,U2) therefore new replacements are compatible just some of the new features may not be available.

Heat Recovery Boxes

Sanyo reference	Panasonic equivalent
ATK-RZP56BGWB	CZ-P56HR3
ATK-RZP56BG	CZ-P56HR3
ATK-ZP80UG	CZ-P56HR3
ATK-RZP160BGWB	CZ-P160HR3
ATK-RZP160BG	CZ-P160HR3
ATK-ZP140UG	CZ-P160HR3
ACC-3WAY-AGB	CZ-CAPE2
ACC-3WAY-AG	CZ-CAPE2
CR-3WAY-TG	CZ-CAPE2

Care must be taken when replacing SVK boxes due to variation of wirings. The Sanyo kit used a cable with additional connectors. Please check wiring and spare parts for differences.

The above is for guidance only, please contact your usual sales representative before proceeding with Sanyo replacement for up to date advice.

Cassette 60x60	Floor	Chassis	Slim hide-away	1 way cassette	2 way cassette
XM***XH	FR***GXH56	FMR***GXH56	US***XH	LDR***GXH56	—
XMR***EXH56	FR***GXH56	FMR***GXH56	FUR***EXH56	LDR***GXH56	—
—	FR***GXH56	FMR***GXH56	—	LDR***GXH56	SR***GXH56
S-22MY3E	S-22MP1E5	S-22MR1E5	S-22MM1E5B	—	S-22ML1E5
S-28MY3E	S-28MP1E5	S-28MR1E5	S-28MM1E5B	S-28MD1E5	S-28ML1E5
S-36MY3E	S-36MP1E5	S-36MR1E5	S-36MM1E5B	S-36MD1E5	S-36ML1E5
S-45MY3E	S-45MP1E5	S-45MR1E5	S-45MM1E5B	S-45MD1E5	S-45ML1E5
S-56MY3E	S-56MP1E5	S-56MR1E5	S-56MM1E5B	S-56MD1E5	S-56ML1E5
—	S-71MP1E5	S-71MR1E5	—	S-73MD1E5	S-73ML1E5
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

To amend the setting you will need a standard controller CZ-RTC4 or CZ-RTC5 and a maintenance cable PAW-MRC which allows you to plug the controller on the outdoor PCB. Once connected follow the procedure below to change the code.

Please contact Panasonic Technical Department before proceeding.

Panasonic service

Our Panasonic Service teams are committed to ensuring your peace of mind. Best service is our aim.

Panasonic provides a team of highly trained technicians and engineers to deliver professional and responsive services that meet the highest levels of quality and safety while being efficient and cost effective.

To find out more about Panasonic Heating & Cooling Solutions, please visit www.panasonic.co.uk/aircon.



Maintenance.

To meet the requirements of the standard warranty, the product must be maintained and serviced annually by a suitably trained and qualified engineer. This way we can extend the lifetime of the product.



Repair.

Panasonic offers a wide range of service agreements, like Panasonic Service+ for a maximized product lifetime. Leave the care of your Panasonic products to the experts. In the unlikely event that something goes wrong, trust one of our qualified and Panasonic trained experts to get things back on track.



Warranty.

In accordance with the regulations, Panasonic guarantees its products against hidden defects. Moreover, Panasonic grants to the professional purchaser a commercial warranty, specific to the product families, subject to compliance of all the rules of installation and use of its products.

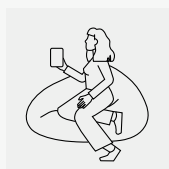
Panasonic Heating & Cooling Solutions customer service

Panasonic enables different channels for end users or professionals to get in touch with us:



Use our European website www.panasonic.eu for contacting us.

Panasonic has implemented a contact page on the Panasonic Heating & Cooling Solutions website for potential or existing Panasonic customers.



Another option is to contact the highly experienced teams at the Panasonic customer service center, who are more than qualified to support Panasonic clients in 13 different languages across Europe.

Our service center for United Kingdom end customers:

0808 208 2115

Mo-Fr 9-17h



www.panasonic.co.uk/aircon

heating & cooling solutions

Panasonic®

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

General requests:
Email: uk-aircon@eu.panasonic.com

Sales administration team:
Email: uk-aircon-salesadmin@eu.panasonic.com

Technical service team:
Email: uk-aircon-tech@eu.panasonic.com
UK Office : +44 (0) 1707 378670

Panasonic Heating & Ventilation Air-Conditioning UK Ltd.
Registered Office: Ground Floor, Building 3, Albany Place, Hyde Way, Welwyn
Garden City, Hertfordshire AL7 3BT
Company Registration: 02371708



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.

