

Panasonic



AIR TO AIR PRICE LIST 2025 / 2026

PANASONIC TOTAL SOLUTION



heating & cooling solutions

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.



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.

New Jet Air Stream.

The new PACi NX indoor units designed for large spaces that require high air distribution, such as gymnasiums, production areas, and warehouses. They ensure optimal user comfort, a quiet environment, and are much easier to install than other systems.



Domestic

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

Etherea: a very welcome addition to your home.

The smart, Etherea comes with the 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.

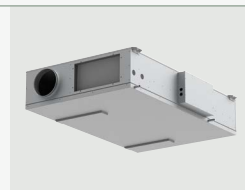


Ventilation

Panasonic ventilation solutions for maximum savings and easy integration.

Energy recovery ventilation.

Panasonic energy recovery ventilations (ERV) help to improve your comfort and energy-saving plan. Introducing the ERV with DX coil - HRPT Series, specifically designed for commercial applications or collective residential buildings, offering highly efficient heat recovery.



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.



Refrigeration

Panasonic CO₂ condensing units. Natural refrigerant solution for showcases and cold rooms. Reliable quality - made in Japan.

CR Series 20 HP MT/LT model.

The CR Series now includes a 20 HP medium/low temperature model, a highly efficient multi-compressor solution. The smaller footprint of the unit and the maximum piping length of 100 m allow for flexible installation in light refrigeration projects.



Award winning solutions for all applications



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: 01218Q30835RBL



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

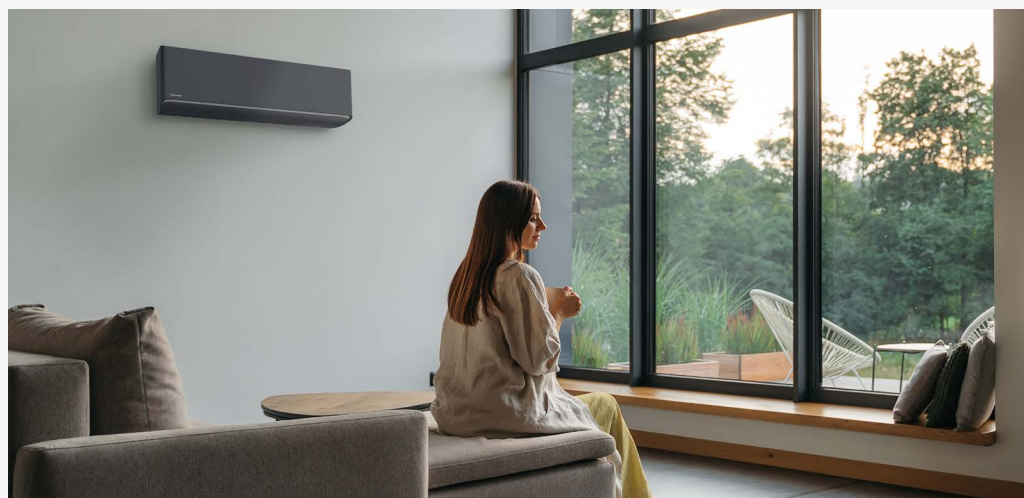
nanoe™ X, technology with the benefits of hydroxyl radicals.

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.

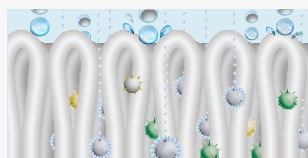


Cumulative global shipments of nanoe™ devices exceed 100 million units*

* From July 2024, the results apply to all other products with nanoe™ X devices, including heating and cooling.

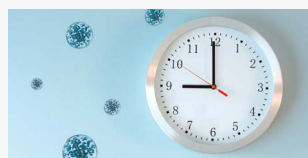


Effective on fabrics and surfaces.



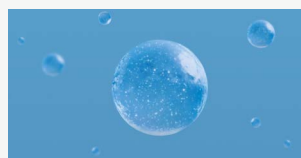
1 | At one billionth of a metre, nanoe™ X is much smaller than steam and can deeply penetrate cloth fabrics to deodorise.

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 3 produces 48 trillion hydroxyl radicals per second. Greater amounts of hydroxyl radicals contained in nanoe™ X lead to higher performance on inhibition of pollutants.

Maintenance-free.

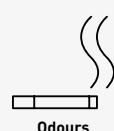


4 | No service and maintenance required. nanoe™ X is a filter free solution that does not require maintenance, as its atomisation electrode is enveloped with water during its generation process and it is made with Titanium.

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

Moisturises



Skin and hair

First nanoe™ device was developed by Panasonic in 2003

Generator: nanoe™	Generator: nanoe™ X		
2003	Mark 1 - 2016	Mark 2 - 2019	Mark 3 - 2022
480 billion hydroxyl radicals/sec	4,8 trillion hydroxyl radicals/sec	9,6 trillion hydroxyl radicals/sec	48 trillion hydroxyl radicals/sec
Ion particle structure	10x times	20x times	100x times
Hydroxyl radicals			

Licensed in VDI 6022

Certification of a HVAC system under VDI 6022 guarantees that the system fulfills the market's strictest hygiene requirements.



VDI 6022 – Part 5 ¹⁾ Certification.

Avoidance of allergenic exposure.

Inhibits a wide range of harmful bacteria, viruses, mould, pollen and allergens.



VDI 6022 – Part 1 ¹⁾ & 1.1 ²⁾ Certification.

Ventilation and indoor-air quality.

Panasonic nanoe™ X technology improving indoor air quality.

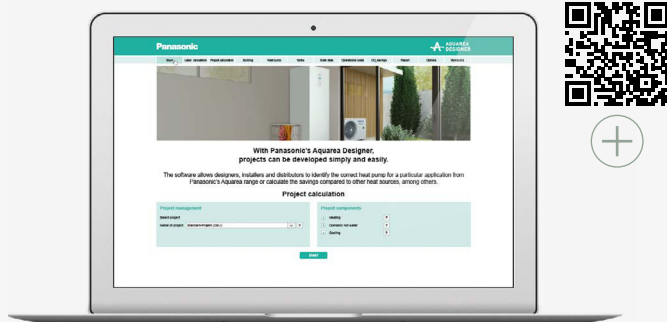
1) Certification mark only valid for nanoe™ X Generator Mark 3. 2) Certification mark only valid for nanoe™ X Generator Mark 2 and Mark 3.

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.

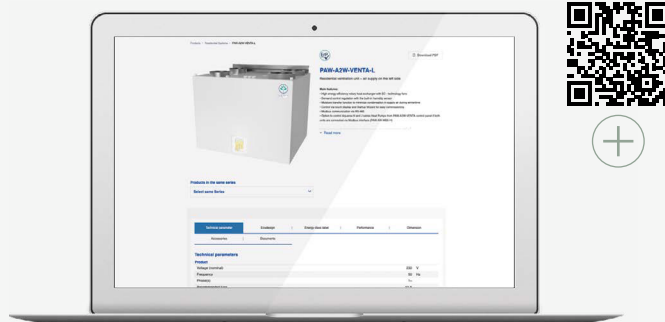
Aquarea Designer - online tool

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



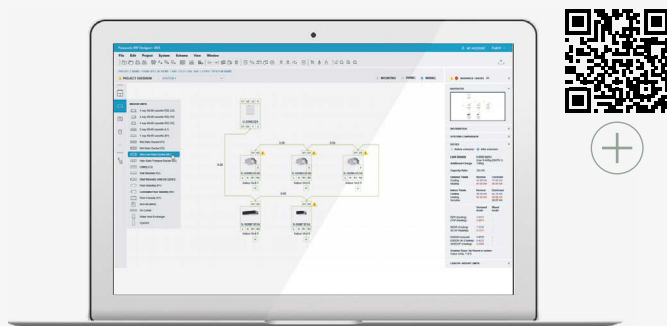
Residential ventilation selection tool

The tool contains all the information the HVAC professionals need for their residential ventilation projects (specifications, technical manuals, etc.) as well as a calculator of the performance curves.



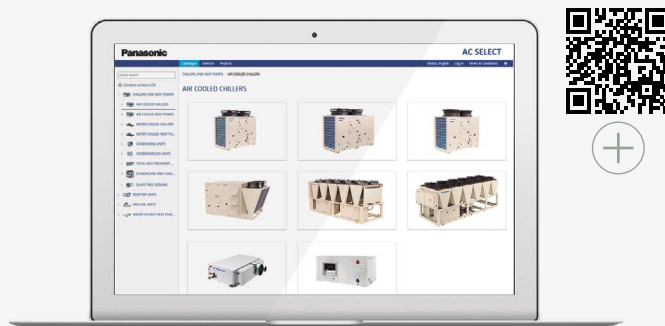
Panasonic DX PRO Designer

The Panasonic DX PRO Designer will be rebuilt with an improved user experience. The 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.



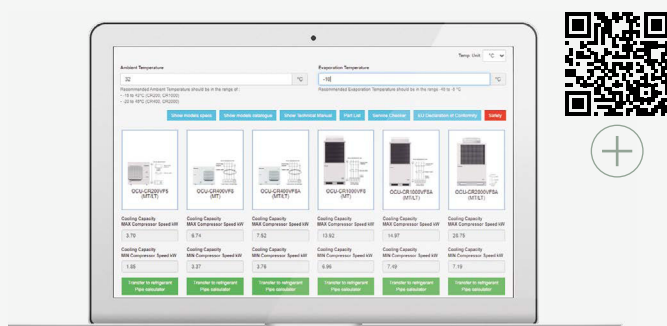
AC SELECT

Use AC SELECT to choose and configure your hydronic solution. Panasonic online selection tool offers an easy and quick solution to specify all the hydronics ranges and rooftops at required conditions.



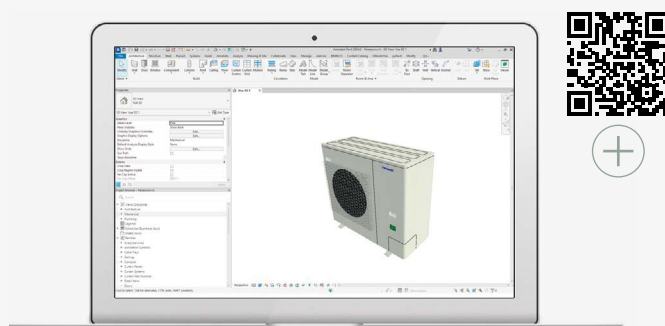
Refrigeration designer

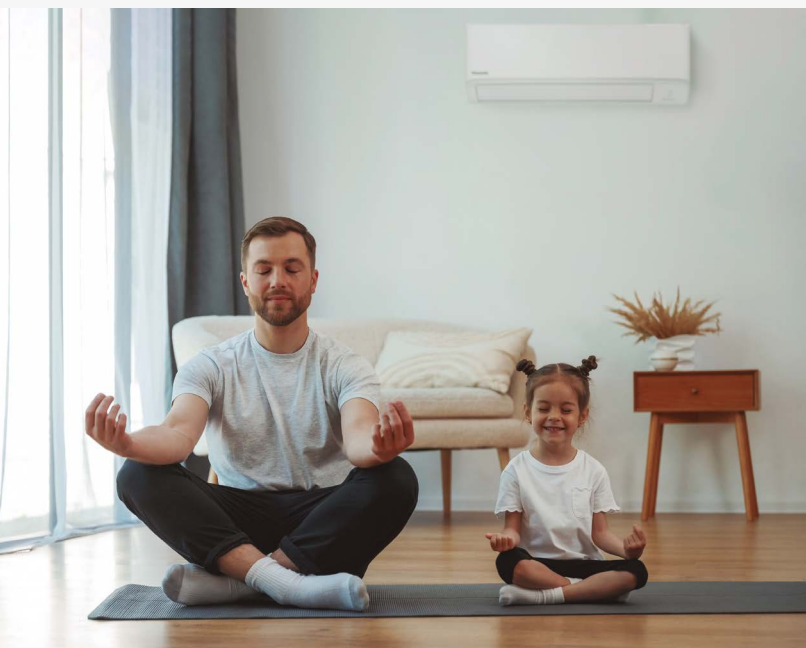
This easy to use design tool supports engineers, installers, and technicians to make a quick calculation for commercial refrigeration systems.



BIM & AutoCAD Support

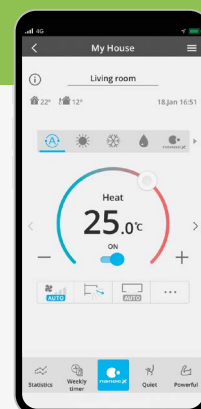
Panasonic offers a wide range of HVAC&R products with BIM (Building Information Modelling) objects in Revit format and AutoCAD files, providing comprehensive support for design offices, consultants, and installers in planning projects.





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 2025

Power Heat Multi system. Reliable heating for cold winters.

- Powerful heating of two or three rooms with one outdoor unit
- Reliable heating even at -25 °C
- Equipped with base pan heater
- High energy efficiency
- Etherea indoor units with nanoe™ X technology to improve protection 24/7

RAC Solo, the compact air conditioner without an outdoor unit.

- Slim and compact, only 165 mm deep
- No outdoor unit, only two holes in the wall
- Optimised performance with DC Inverter technology
- Easy and flexible installation

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 colours
- Improved SEER / SCOP for top class energy efficiency
- Built-in Wi-Fi, now with easier and faster 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, now with easier and faster 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.

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

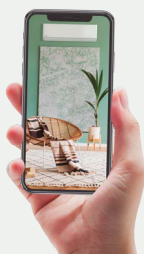
- Easily manage your comfort and air quality anytime, anywhere
- Monitor energy consumption and maximise energy savings by comparing the energy usage patterns

Domestic air conditioner R32 range

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
Wall-mounted Etherea · R32								
P. 10		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
Wall-mounted TZ super-compact · R32								
P. 11		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
Wall-mounted BZ super-compact · R32								
P. 11			CS-BZ25ZKE CU-BZ25ZKE	CS-BZ35ZKE CU-BZ35ZKE		CS-BZ50ZKE CU-BZ50ZKE	CS-BZ60ZKE CU-BZ60ZKE	
Floor console · R32								
P. 12			CS-Z25UFEAW CU-Z25UBEA	CS-Z35UFEAW CU-Z35UBEA		CS-Z50UFEAW CU-Z50UBEA		
Low static pressure hide-away · R32								
P. 13			CS-Z25UD3EAW CU-Z25UBEA	CS-Z35UD3EAW CU-Z35UBEA		CS-Z50UD3EAW CU-Z50UBEA	CS-Z60UD3EAW CU-Z60UBEA	

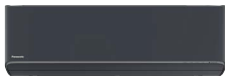
Page	Stand-alone units	1,7 kW	2,0 kW	2,5 kW	3,0 kW
NEW RAC Solo · R290 / R32					
P. 18		P-M0G16IC5-E	P-M0Z20IC5-E	P-M0Z25IC5-E	P-M0Z30IC5-E

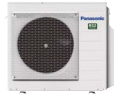
Try Panasonic's augmented reality tool, the AR Heat Pump Viewer.



Configure your multi split system in a few steps using our online tool and see all possible combinations.



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
Wall-mounted Etherea									
P. 14				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
Wall-mounted TZ super-compact									
P. 15		CS-MTZ16ZKE	CS-TZ20ZKEW	CS-TZ25ZKEW	CS-TZ35ZKEW	CS-TZ42ZKEW	CS-TZ50ZKEW	CS-TZ60ZKEW	CS-TZ71ZKEW
Floor console									
P. 15				CS-MZ20UFEA	CS-Z25UFEAW	CS-Z35UFEAW		CS-Z50UFEAW	
4 way 60x60 cassette									
P. 15				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. 15				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. 14	Outdoor units Free Multi system Z · R32								
		CU-ZZ35TBE	CU-ZZ41TBE	CU-ZZ50TBE	CU-3Z52TBE	CU-3Z68TBE	CU-4Z68TBE	CU-4Z80TBE	CU-5Z90TBE
Power Heat Multi system		5,0 kW (2 room)			7,5 kW (3 room)				
P. 16	NEW Outdoor units Power Heat Multi system · R32								
		CU-ZZ50ABEC			CU-3Z75ABEC				
Page	Multi wall TZ outdoors	3,2 ~ 6,0 kW			3,2 ~ 7,7 kW		4,5 ~ 9,5 kW		
P. 17	Outdoor units Multi TZ for wall TZ indoors · R32								
		CU-2TZ41TBE			CU-2TZ50TBE		CU-3TZ52TBE		

Single split

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 H x W x D mm / kg		Dimension ¹⁾ / Weight H x W x D mm / kg			
		Cool	UK	Heat	UK	A+++ to D	A+++ to D						
		Total / Sensible	Total										
		kW	kW	kW	kW							£	
Kit graphite grey													
1ph	2.0 kW	KIT-XZ20-ZKE-H	2.05	2.09/2.07	2.80	2.78	8.70 A+++	4.80 A++	CS-XZ20ZKEW-H	295 x 870 x 229 / 10	CU-Z20ZKE	542 x 780 x 289 / 27	1,335
	2.5 kW	KIT-XZ25-ZKE-H	2.50	2.58/2.52	3.40	3.20	9.50 A+++	5.20 A+++	CS-XZ25ZKEW-H	295 x 870 x 229 / 10	CU-Z25ZKE	542 x 780 x 289 / 27	1,468
	3.5 kW	KIT-XZ35-ZKE-H	3.50	3.47/3.28	4.00	3.81	9.50 A+++	5.20 A+++	CS-XZ35ZKEW-H	295 x 870 x 229 / 11	CU-Z35ZKE	542 x 780 x 289 / 31	1,634
	4.2 kW	KIT-XZ42-ZKE-H	4.20	4.25/4.07	5.30	4.78	7.10 A++	4.30 A+	CS-XZ42ZKEW-H	295 x 870 x 229 / 10	CU-Z42ZKE	542 x 780 x 289 / 31	1,887
Kit silver													
1ph	2.0 kW	KIT-XZ20-ZKE	2.05	2.09/2.07	2.80	2.78	8.70 A+++	4.80 A++	CS-XZ20ZKEW	295 x 870 x 229 / 10	CU-Z20ZKE	542 x 780 x 289 / 27	1,291
	2.5 kW	KIT-XZ25-ZKE	2.50	2.58/2.52	3.40	3.20	9.50 A+++	5.20 A+++	CS-XZ25ZKEW	295 x 870 x 229 / 10	CU-Z25ZKE	542 x 780 x 289 / 27	1,415
	3.5 kW	KIT-XZ35-ZKE	3.50	3.47/3.28	4.00	3.81	9.50 A+++	5.20 A+++	CS-XZ35ZKEW	295 x 870 x 229 / 11	CU-Z35ZKE	542 x 780 x 289 / 31	1,575
	5.0 kW	KIT-XZ50-ZKE	5.00	4.70/4.07	5.80	5.57	8.50 A+++	4.80 A++	CS-XZ50ZKEW	295 x 1040 x 244 / 12	CU-Z50ZKE	695 x 875 x 320 / 40	2,267
Kit matt white													
1ph	2.0 kW	KIT-Z20-ZKE	2.05	2.09/2.07	2.80	2.78	8.70 A+++	4.80 A++	CS-Z20ZKEW	295 x 870 x 229 / 10	CU-Z20ZKE	542 x 780 x 289 / 27	1,236
	2.5 kW	KIT-Z25-ZKE	2.50	2.58/2.52	3.40	3.20	9.50 A+++	5.20 A+++	CS-Z25ZKEW	295 x 870 x 229 / 10	CU-Z25ZKE	542 x 780 x 289 / 27	1,351
	3.5 kW	KIT-Z35-ZKE	3.50	3.47/3.28	4.00	3.81	9.50 A+++	5.20 A+++	CS-Z35ZKEW	295 x 870 x 229 / 11	CU-Z35ZKE	542 x 780 x 289 / 31	1,489
	4.2 kW	KIT-Z42-ZKE	4.20	4.25/4.07	5.30	4.78	7.10 A++	4.30 A+	CS-Z42ZKEW	295 x 870 x 229 / 10	CU-Z42ZKE	542 x 780 x 289 / 31	1,753
	5.0 kW	KIT-Z50-ZKE	5.00	4.70/4.07	5.80	5.57	8.50 A+++	4.80 A++	CS-Z50ZKEW	295 x 1040 x 244 / 12	CU-Z50ZKE	695 x 875 x 320 / 40	2,030
	7.1 kW	KIT-Z71-ZKE	7.10	6.68/5.52	8.20	7.15	6.50 A++	4.20 A+	CS-Z71ZKEW	295 x 1040 x 244 / 13	CU-Z71ZKE	695 x 875 x 320 / 45	2,848

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.	mm²	4x1,5	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5

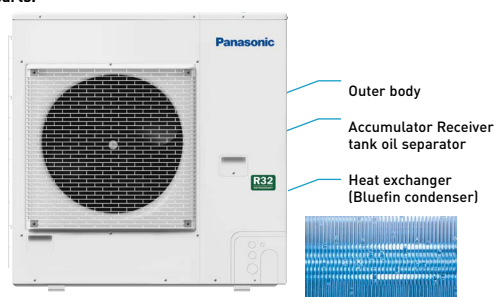
Order our full RAC range online at
www.panasonic-hvac-direct.co.uk



Hi-durability outdoor units

Panasonic RAC, PAC and VRF outdoor units have been treated for high resistance to corrosion (rust and salty air) to ensure long-lasting performance. No need for expensive and time consuming third part coatings. Tests have been completed under the norm ASTM B117 for 1000 hours.

Specially protected parts.



Note: Selecting this unit does not completely eliminate the possibility of rust developing. For details concerning unit installation and maintenance, please consult an authorised dealer.

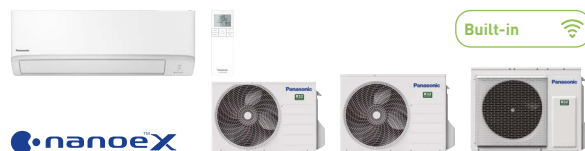
Single split

Wall-mounted TZ super-compact · R32

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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 mm / kg	Dimension ¹⁾ / Weight H x W x D mm / kg				
		Cool	UK	Heat	UK	A+++ to D	A+++ to D						
		Total / Sensible	Total										
		kW	kW	kW	kW					£			
1ph	2.0 kW	KIT-TZ20-ZKE	2.00	1.87/1.85	2.70	2.50	7.00 A++	4.60 A++	CS-TZ20ZKEW	290 x 779 x 209 / 8	CU-TZ20ZKE	542 x 780 x 289 / 24	940
	2.5 kW	KIT-TZ25-ZKE	2.50	2.34/2.30	3.30	2.91	7.10 A++	4.60 A++	CS-TZ25ZKEW	290 x 779 x 209 / 8	CU-TZ25ZKE	542 x 780 x 289 / 25	1,083
	3.5 kW	KIT-TZ35-ZKE	3.50	3.37/2.95	4.00	3.61	6.80 A++	4.60 A++	CS-TZ35ZKEW	290 x 779 x 209 / 8	CU-TZ35ZKE	542 x 780 x 289 / 29	1,252
	4.2 kW	KIT-TZ42-ZKE	4.20	3.94/3.17	5.00	4.70	6.40 A++	4.10 A+	CS-TZ42ZKEW	290 x 779 x 209 / 8	CU-TZ42ZKE	542 x 780 x 289 / 31	1,493
	5.0 kW	KIT-TZ50-ZKE	5.00	4.69/4.31	5.80	5.25	6.90 A++	4.50 A+	CS-TZ50ZKEW	290 x 779 x 209 / 8	CU-TZ50ZKE	619 x 824 x 299 / 35	1,593
	6.0 kW	KIT-TZ60-ZKE	6.00	5.70/4.65	7.00	5.70	6.80 A++	4.30 A+	CS-TZ60ZKEW	295 x 1040 x 244 / 12	CU-TZ60ZKE	619 x 824 x 299 / 35	1,970
	7.1 kW	KIT-TZ71-ZKE	7.10	6.68/5.25	8.20	7.15	6.20 A++	4.10 A+	CS-TZ71ZKEW	295 x 1040 x 244 / 13	CU-TZ71ZKE	695 x 875 x 320 / 45	2,272

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 - 1/2	1/4 - 1/2
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	4x 1,5	4x 1,5	4x 1,5	4x 1,5	4x 2,5	4x 2,5	4x 2,5	

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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	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	6.30 A++	4.20 A+	CS-BZ25ZKE	290 x 779 x 209 / 8	CU-BZ25ZKE	542 x 780 x 289 / 24	706
	3.5 kW	KIT-BZ35-ZKE	3.30	3.08/2.83	3.70	3.05	6.30 A++	4.20 A+	CS-BZ35ZKE	290 x 779 x 209 / 8	CU-BZ35ZKE	542 x 780 x 289 / 25	799
	5.0 kW	KIT-BZ50-ZKE	5.00	4.59/3.64	5.40	5.25	6.50 A++	4.20 A+	CS-BZ50ZKE	290 x 779 x 209 / 8	CU-BZ50ZKE	619 x 824 x 299 / 35	1,246
	6.0 kW	KIT-BZ60-ZKE	6.00	5.25/4.36	6.80	5.64	6.40 A++	4.10 A+	CS-BZ60ZKE	290 x 779 x 209 / 9	CU-BZ60ZKE	695 x 875 x 320 / 40	1,571

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	20
Connection in. / out.	mm ²	4x1,5	4x1,5	4x2,5	4x2,5

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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 H x W x D mm / kg	Dimension ¹⁾ / Weight H x W x D mm / kg				
		Cool	UK Total / Sensible	Heat	UK Total	A+++ to D	A+++ to D						
		kW	kW	kW	kW								
1ph	2.5 kW	KIT-Z25-UFE	2.50	2.36/2.19	3.40	3.45	7.90 A++	4.60 A++	CS-Z25UFEAW	600x750x207/13	CU-Z25UBEA	542x780x289/33	1,782
	3.5 kW	KIT-Z35-UFE	3.50	3.30/2.83	4.30	4.13	8.10 A++	4.60 A++	CS-Z35UFEAW	600x750x207/13	CU-Z35UBEA	619x824x299/35	1,922
	5.0 kW	KIT-Z50-UFE	5.00	4.72/3.47	5.80	5.68	6.70 A++	4.30 A+	CS-Z50UFEAW	600x750x207/13	CU-Z50UBEA	695x875x320/43	2,328

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

1) Add 70 mm for piping port.

Electrical information (power supply to outdoor)

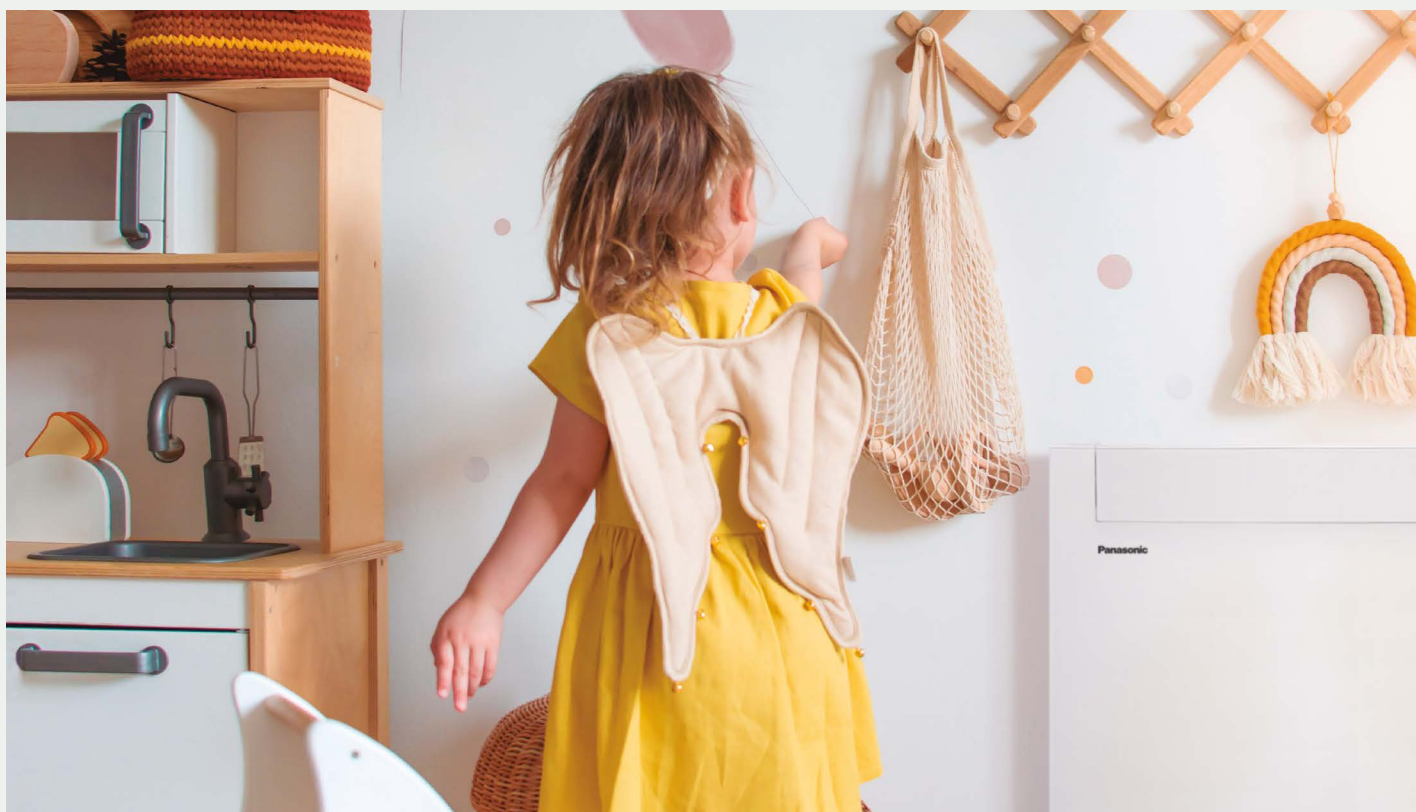
Single phase				
Kit	kW	2,5	3,5	5,0
Recommended fuse	A	16	16	16
Connection in. / out.	mm ²	4x1,5	4x1,5	4x1,5

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Floor console. Efficient comfort and clean air all year round

Floor console with nanoe™ X technology: outstanding efficiency A++, comfort (Super Quiet technology only 20 dB(A)) and better air quality combined in a breakthrough design.



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.



Optional



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	A+++ to D	A+++ to D						
		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	5.90 A+	4.20 A+	CS-Z25UD3EAW	200 x 750 x 640 / 19	CU-Z25UBEA	542 x 780 x 289 / 33	1,685
	3.5 kW	KIT-Z35-UD3	3.50	3.08/2.76	4.20	3.54	5.80 A+	4.10 A+	CS-Z35UD3EAW	200 x 750 x 640 / 19	CU-Z35UBEA	619 x 824 x 299 / 35	1,783
	5.0 kW	KIT-Z50-UD3	5.10	3.63/2.90	6.10	5.06	5.90 A+	4.10 A+	CS-Z50UD3EAW	200 x 750 x 640 / 19	CU-Z50UBEA	695 x 875 x 320 / 43	2,298
	6.0 kW	KIT-Z60-UD3	6.00	4.25/3.42	7.00	5.64	5.60 A+	4.10 A+	CS-Z60UD3EAW	200 x 750 x 640 / 19	CU-Z60UBEA	695 x 875 x 320 / 43	2,485

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	4x1,5 ~ 2,5	4x1,5 ~ 2,5	4x1,5 ~ 2,5	4x1,5 ~ 2,5

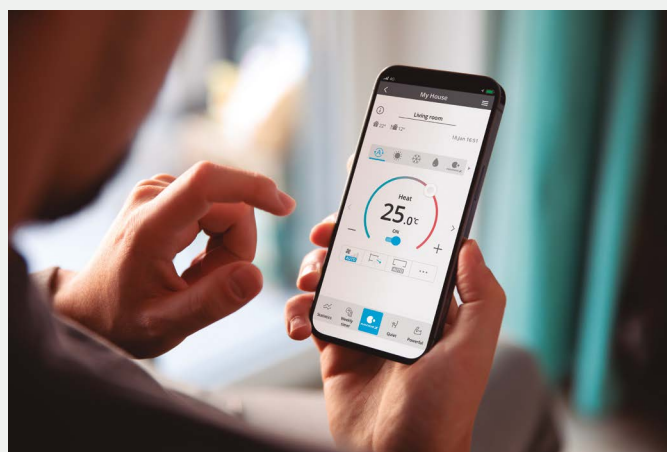
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1) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port.

Welcome to the connected world of Panasonic Comfort Cloud App.

Whether you are at home or at work, the Panasonic Comfort Cloud App puts 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.

Voice Control. Words do more than actions.

Boundless control and hands-free help to access all the features of your air-to-air heat pump.

Maximising your comfort is now a breeze with our connected air conditioners using the Panasonic Comfort Cloud App and voice control.



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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	SCOP	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	1,329
	3,2 ~ 6,0 kW CU-2Z41TBE	4,10	4,60	8,50 A+++	4,60 A++	619 x 824 x 299	39	1,509
	3,2 ~ 7,7 kW CU-2Z50TBE	5,00	5,60	8,50 A+++	4,60 A++	619 x 824 x 299	39	1,663
	4,5 ~ 9,5 kW CU-3Z52TBE	5,20	6,80	8,50 A+++	4,20 A+	795 x 875 x 320	71	2,005
	4,5 ~ 11,2 kW CU-3Z68TBE	6,80	8,50	8,00 A++	4,20 A+	795 x 875 x 320	71	2,368
	4,5 ~ 11,5 kW CU-4Z68TBE	6,80	8,50	8,00 A++	4,20 A+	795 x 875 x 320	72	2,650
	4,5 ~ 14,7 kW CU-4Z80TBE	8,00	9,40	7,90 A++	4,70 A++	999 x 940 x 340	80	3,329
	4,5 ~ 18,3 kW CU-5Z90TBE	9,00	10,40	8,50 A+++	4,68 A++	999 x 940 x 340	81	3,835

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)	Wall-mounted Etherea							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	•	•	•	•				•	•	•	•					•	•	•		• ¹⁾	• ¹⁾	• ¹⁾			•	•	•		
	CU-2Z41TBE	3,2~6,0 kW	•	•	•	•				•	•	•	•					•	•	•		• ¹⁾	• ¹⁾	• ¹⁾			•	•	•		
	CU-2Z50TBE	3,2~7,7 kW	•	•	•	•	• ¹⁾	• ¹⁾		•	•	•	•	• ¹⁾	• ¹⁾			•	•	•	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾		•	•	•	• ¹⁾	
3	CU-3Z52TBE	4,5~9,5 kW	•	•	•	•	• ¹⁾	• ¹⁾		•	•	•	•	• ¹⁾	• ¹⁾						• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾		•	•	•	• ¹⁾		
	CU-3Z68TBE	4,5~11,2 kW	•	•	•	•	• ¹⁾	• ¹⁾		•	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾					• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ²⁾	•	•	•	• ¹⁾	• ¹⁾	
4	CU-4Z68TBE	4,5~11,5 kW	•	•	•	•	• ¹⁾	• ¹⁾		•	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾					• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ²⁾	•	•	•	• ¹⁾	• ¹⁾	
	CU-4Z80TBE	4,5~14,7 kW	•	•	•	•	• ¹⁾	• ¹⁾	• ³⁾	•	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾	• ³⁾					• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ²⁾	•	•	•	• ¹⁾	• ¹⁾
5	CU-5Z90TBE	4,5~18,3 kW	•	•	•	•	• ¹⁾	• ¹⁾	• ³⁾	•	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾	• ³⁾					• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ²⁾	•	•	•	• ¹⁾	• ¹⁾

Compatible indoor units for multi combinations

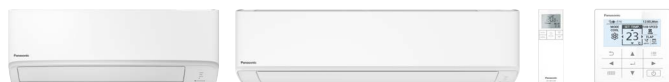


Optional wired remote controller.
CZ-RD517C

Built-in

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	4x1,5	295 x 870 x 229 / 10	1/4 [6,35] / 3/8 [9,52]	—	—	359
2,0 kW	CS-XZ20ZKEW-H	CS-XZ20ZKEW	CS-Z20ZKEW	2,00	3,20	4x1,5	295 x 870 x 229 / 10	1/4 [6,35] / 3/8 [9,52]	479	435	380
2,5 kW	CS-XZ25ZKEW-H	CS-XZ25ZKEW	CS-Z25ZKEW	2,50	3,60	4x1,5	295 x 870 x 229 / 10	1/4 [6,35] / 3/8 [9,52]	580	527	463
3,5 kW ¹⁾	CS-XZ35ZKEW-H	CS-XZ35ZKEW	CS-Z35ZKEW	3,50	4,50	4x1,5	295 x 870 x 229 / 11	1/4 [6,35] / 3/8 [9,52]	659	600	514
4,2 kW ²⁾	CS-XZ42ZKEW-H	—	CS-Z42ZKEW	4,20	5,60	4x1,5	295 x 870 x 229 / 10	1/4 [6,35] / 1/2 [12,70]	685	—	551
5,0 kW ³⁾	—	CS-XZ50ZKEW	CS-Z50ZKEW	5,00	6,80	4x2,5	295 x 1040 x 244 / 12	1/4 [6,35] / 1/2 [12,70]	—	973	736
7,1 kW	—	—	CS-Z71ZKEW	7,10	8,70	4x2,5	295 x 1040 x 244 / 13	1/4 [6,35] / 3/8 [15,88]	—	—	1,125

Compatible indoor units for multi combinations



Optional wired remote controller. CZ-RD517C

Built-in

Wall-mounted TZ super-compact	Indoor unit	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight H x W x D mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling	Heating				£	€
		kW	kW					
1,6 kW	CS-MTZ16ZKE	1,60	2,60	4x1,5	290 x 779 x 209 / 8	¼(6,35) / ⅝(9,52)	347	
2,0 kW	CS-TZ20ZKEW	2,00	3,20	4x1,5	290 x 779 x 209 / 8	¼(6,35) / ⅝(9,52)	385	
2,5 kW	CS-TZ25ZKEW	2,50	3,60	4x1,5	290 x 779 x 209 / 8	¼(6,35) / ⅝(9,52)	429	
3,5 kW ¹⁾	CS-TZ35ZKEW	3,50	4,50	4x1,5	290 x 779 x 209 / 8	¼(6,35) / ⅝(9,52)	475	
4,2 kW	CS-TZ42ZKEW	4,20	5,60	4x1,5	290 x 779 x 209 / 8	¼(6,35) / ½(12,70)	542	
5,0 kW	CS-TZ50ZKEW	5,00	6,80	4x2,5	290 x 779 x 209 / 8	¼(6,35) / ½(12,70)	592	
6,0 kW	CS-TZ60ZKEW	6,00	8,50	4x2,5	295 x 1040 x 244 / 12	¼(6,35) / ½(12,70)	846	
7,1 kW	CS-TZ71ZKEW	7,10	8,70	4x2,5	295 x 1040 x 244 / 13	¼(6,35) / ⅝(15,88)	1,000	



Optional wired remote controller. CZ-RD517C

Optional

Floor console ⁴⁾	Indoor unit	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight H x W x D mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling	Heating				£	€
		kW	kW					
2,0 kW	CS-MZ20UFEA	2,00	3,20	4x1,5	600 x 750 x 207 / 13	¼(6,35) / ⅝(9,52)	774	
2,5 kW	CS-Z25UFEAW	2,50	3,60	4x1,5	600 x 750 x 207 / 13	¼(6,35) / ⅝(9,52)	964	
3,5 kW ¹⁾	CS-Z35UFEAW	3,50	4,50	4x1,5	600 x 750 x 207 / 13	¼(6,35) / ⅝(9,52)	1,046	
5,0 kW	CS-Z50UFEAW	5,00	5,30	4x1,5	600 x 750 x 207 / 13	¼(6,35) / ½(12,70)	1,236	



Optional wired remote controller. CZ-RTC6W



Optional wired remote controller. CZ-RTC6



Panel (sold separately). CZ-KPY4

Optional

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	Heating		Indoor H x W x D	Panel H x W x D		Indoor	Panel
		kW	kW		mm / kg	mm / kg		£	€
2,0 kW	S-M20PY3E	2,00	3,20	4x1,5	243 x 575 x 575 / 15	30 x 625 x 625 / 2,8	¼(6,35) / ½(12,70)	657	266
2,5 kW	S-25PY3E	2,50	3,60	4x1,5	243 x 575 x 575 / 15	30 x 625 x 625 / 2,8	¼(6,35) / ½(12,70)	738	266
3,5 kW ¹⁾	S-36PY3E	3,50	3,60	4x1,5	243 x 575 x 575 / 15	30 x 625 x 625 / 2,8	¼(6,35) / ½(12,70)	782	266
5,0 kW ³⁾	S-50PY3E	5,00	6,80	4x1,5	243 x 575 x 575 / 15	30 x 625 x 625 / 2,8	¼(6,35) / ½(12,70)	887	266
6,0 kW	S-60PY3E	6,00	8,50	4x1,5	243 x 575 x 575 / 15	30 x 625 x 625 / 2,8	⅜(9,52) / ⅝(15,88)	1,083	266

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



Optional wireless control kit. CZ-RL511D

Optional

Low static pressure hide-away	Indoor unit	Nominal capacity		Connection in. / out. mm ²	Dimension / Net weight H x W x D mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP	
		Cooling	Heating				£	€
		kW	kW					
2,0 kW	CS-MZ20UD3EA	2,00	3,20	4x1,5	200 x 750 x 640 / 19	¼(6,35) / ⅝(9,52)	719	
2,5 kW	CS-Z25UD3EAW	2,50	3,60	4x1,5	200 x 750 x 640 / 19	¼(6,35) / ⅝(9,52)	867	
3,5 kW ¹⁾	CS-Z35UD3EAW	3,50	4,50	4x1,5	200 x 750 x 640 / 19	¼(6,35) / ⅝(9,52)	907	
5,0 kW ³⁾	CS-Z50UD3EAW	5,00	6,80	4x1,5	200 x 750 x 640 / 19	¼(6,35) / ½(12,70)	1,206	
6,0 kW	CS-Z60UD3EAW	6,00	8,50	4x1,5	200 x 750 x 640 / 19	¼(6,35) / ½(12,70)	1,258	

1) Heating capacity in combination with Free Multi outdoor units except with CU-Z235TBE. In this case, the heating capacity is 4,20 kW. 3) Heating capacity in combination with Free Multi outdoor units except with CU-Z250TBE. In this case, the heating capacity is 5,00 kW. 3) Heating capacity in combination with Free Multi outdoor units except with CU-Z235TBE. In this case, the heating capacity is 5,30 kW. 4) Compatible only with 2 ports R32 outdoor CU-Z235TBE / CU-Z241TBE / CU-Z250TBE. Minimum quantity of connection: 2 indoor units.

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.aircon.panasonic.eu or www.ptc.panasonic.eu.

New Power Heat Multi system

POWER HEAT

Outdoor units Power Heat Multi system · R32

Operation range down to -25 °C.

Equipped with base pan heater.

High energy efficiency: SCOP of 4,60.

New 2025



TENTATIVE DATA

Outdoor unit			Nominal capacity		SEER	SCOP	Dimension ¹⁾	Weight	RRP
			Cooling	Heating			H x W x D		
			kW	kW			A+++ to D		
1ph	4,00 ~8.50 kW	CU-2Z50ABEC	5,30	6,40	8,00 A++	4,40 A++	795 x 875 x 320	58	2,332
	4,50 ~11,00 kW	CU-3Z75ABEC	7,50	8,60	8,00 A++	4,60 A++	795 x 875 x 320	62	3,192

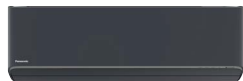
Piping information			
Outdoor unit	kW	4,00 ~8.50	4,50 ~11,00
Piping diameter (liquid - gas)	Inch	1/4 - 3/8	1/4 - 3/8
Pipe length range total	m	50	60
Pipe length range to one unit	m	3 ~ 25	3 ~ 25
Elevation difference (in / out)	m	15	15
Pre-charged pipe length	m	30	30
Additional gas amount	g/m	20	20

Electrical information (power supply to indoor)			
Single phase			
Outdoor unit	kW	4,00 ~8.50	4,50 ~11,00
Recommended fuse	A	20	20
Recommended power cable section	mm²	3 x 2.5	3 x 2.5
Connection in. / out.	mm²	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)	Wall-mounted Etherea			
			20	25	35	50
2	CU-2Z50ABEC	4,00 ~8.50 kW	•	•	•	•
3	CU-3Z75ABEC	4,50 ~11.00 kW	•	•	•	•



Optional wired
remote controller.
CZ-RD517C

Built-in



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 £
2,0 kW	CS-XZ20ZKEW-H	CS-XZ20ZKEW	CS-Z20ZKEW	2,00	3,20	4x1,5	295 x 870 x 229 / 10	1/4 {6,35} / 3/8 {9,52}	479	435	380
2,5 kW	CS-XZ25ZKEW-H	CS-XZ25ZKEW	CS-Z25ZKEW	2,50	3,60	4x1,5	295 x 870 x 229 / 10	1/4 {6,35} / 3/8 {9,52}	580	527	463
3,5 kW	CS-XZ35ZKEW-H	CS-XZ35ZKEW	CS-Z35ZKEW	3,50	4,50	4x1,5	295 x 870 x 229 / 11	1/4 {6,35} / 3/8 {9,52}	659	600	514
5,0 kW	—	CS-XZ50ZKEW	CS-Z50ZKEW	5,00	6,80	4x2,5	295 x 1040 x 244 / 12	1/4 {6,35} / 1/2 {12,70}	—	973	736

New Power Heat Multi system.

Powerful heating and cleaner indoor air from a single outdoor unit. The multi split system engineered for cold climates.

Powerful heating of two or three rooms with one outdoor unit, even at -25 °C low outdoor temperatures.

The multi split solution offers high flexibility, as 2 to 3 indoor units can be connected to a single outdoor unit.

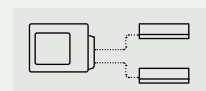
Reliable heating for the coldest winters.



Reliable heating
even at -25 °C.

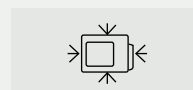


Equipped with base
pan heater.



Compatible with
Etherea indoor units,
with nanoe™ X.

Reduces the burden of aesthetics, installation and maintenance.



Seamless
integration of
outdoor unit.



Reduced
installation time.



Excellent
maintainability.

Check out the installation of the
Power Heat Multi system at the Arctic
Treehouse Hotel in Lapland, Finland.



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⁾ H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
1ph	3,2 ~ 6,0 kW CU-2TZ41TBE	4,10	4,40	7,10 A++	4,30 A+	542 x 780 x 289	35	1,292
	3,2 ~ 7,7 kW CU-2TZ50TBE	5,00	5,70	7,00 A++	4,20 A+	542 x 780 x 289	35	1,468
	4,5 ~ 9,5 kW CU-3TZ52TBE	5,20	6,80	7,60 A++	4,20 A+	795 x 875 x 320	71	1,769

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	mm²	2,5	2,5	2,5
Connection in. / out.	mm²	4x1,5	4x1,5	4x1,5

1) Add 70 or 95 mm for piping port.

Possible outdoor / indoor units combinations

Rooms	Outdoor unit	Indoor capacity connected (Min - Max)	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

Built-in



Wall-mounted TZ super-compact	Indoor unit	Nominal capacity		Connection in. / out. mm²	Dimension / Net weight H x W x D mm / kg	Piping diameter Liquid / Gas Inch (mm)	RRP £
		Cooling kW	Heating kW				
1,6 kW	CS-MTZ16ZKE	1,60	2,60	4x1,5	290 x 779 x 209 / 8	1/4 {6,35} / 3/8 {9,52}	333
2,0 kW	CS-TZ20ZKEW	2,00	3,20	4x1,5	290 x 779 x 209 / 8	1/4 {6,35} / 3/8 {9,52}	385
2,5 kW	CS-TZ25ZKEW	2,50	3,60	4x1,5	290 x 779 x 209 / 8	1/4 {6,35} / 3/8 {9,52}	429
3,5 kW	CS-TZ35ZKEW	3,50	4,50	4x1,5	290 x 779 x 209 / 8	1/4 {6,35} / 3/8 {9,52}	475
4,2 kW	CS-TZ42ZKEW	4,20	5,60	4x1,5	290 x 779 x 209 / 8	1/4 {6,35} / 1/2 {12,70}	542
5,0 kW	CS-TZ50ZKEW	5,00	6,80	4x2,5	290 x 779 x 209 / 8	1/4 {6,35} / 1/2 {12,70}	592

Order our full RAC range online at
www.panasonic-hvac-direct.co.uk



New RAC Solo

RAC Solo · R290 / R32

Slim and compact, only 165 mm deep.

No outdoor unit.

Heating and cooling or cooling only modes available.

Wi-Fi control via the Aquarea Home app.

New 2025

R290

R32

Built-in

Kit matt white										RRP
		Nominal capacity		EER	COP	Air flow	External air flow	Dimension	Weight	£
		Cooling kW	Heating kW	A+++ to D	A+++ to D	Average m³/min	Average m³/min	H x W x D mm	kg	
1ph	1,7 kW P-M0G16IC5-E	1,73	1,71	3,01 - A	3,15 - A	5,0	6,0	549x810x165	38	2,780
	2,0 kW P-M0Z20IC5-E	2,09	2,08	3,29 - A+	3,31 - A+	5,2	6,3	549x1010x165	41	2,780
	2,5 kW P-M0Z25IC5-E	2,33	2,31	3,25 - A+	3,28 - A+	5,3	6,5	549x1010x165	41	2,947
	3,0 kW P-M0Z30IC5-E	2,87	2,75	2,74 - A	3,12 - A	5,8	7,7	549x1010x165	41	3,225

1) Energy Label Scale from A+++ to D.

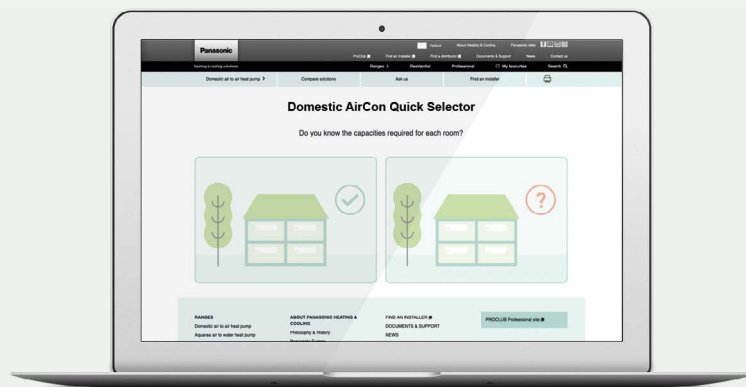
Order our full RAC range online at
www.panasonic-hvac-direct.co.uk



Domestic AirCon Quick Selector.

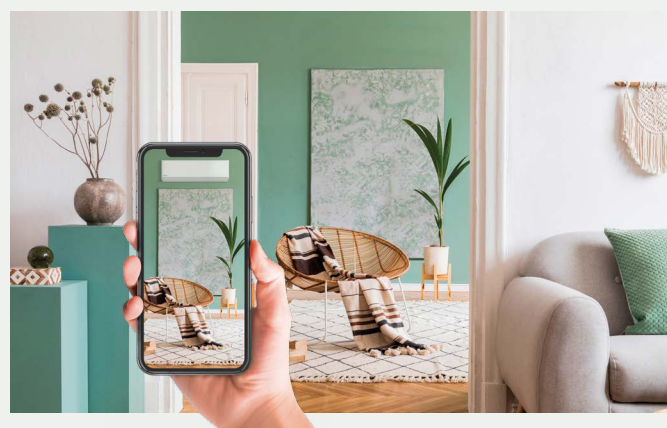
This easy-to-use online tool for our range of domestic products allows you to select the most suitable split or multi-split system for the needs of each project and obtain the specifications for that particular application.

Configure your multi split system in a few steps using our online tool and see all possible combinations.



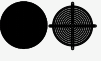
AR Heat Pump Viewer.

Want to show your customer how a Panasonic air conditioner will look in a particular room? This is possible with Panasonic's augmented reality tool, the AR Heat Pump Viewer.





Connectivity			RRP £
	Wi-Fi adapter for smart control via Panasonic Comfort Cloud App.	CZ-TAC61	136
	RAC interface adapter for integration into S-Link, plus external input and alarm/status output.	CZ-CAPRA1	194
	KNX interface. Can be used with all models which have a CN-CNT connector (Intesis).	PAW-AC-KNX-1i	421
	Modbus interface. Can be used with all models which have a CN-CNT connector (Intesis).	PAW-AC-MBS-1	421
	BACnet interface. Can be used with all models which have a CN-CNT connector (Intesis).	PAW-AC-BAC-1	629
	KNX interface. Can be used with all models which have a CN-CNT connector (Airzone).	PAW-AZAC-KNX-1	358
	Modbus interface. Can be used with all models which have a CN-CNT connector (Airzone).	PAW-AZAC-MBS-1	358
	BACnet interface. Can be used with all models which have a CN-CNT connector (Airzone).	PAW-AZAC-BAC-1	592
	This interface can be used with all models which have a CN-RMT connector.	PAW-AC-DIO	212
Individual controls			RRP £
	Wired remote controller for wall-mounted and floor console.	CZ-RD517C	172
	Infrared Sky Remote controller for hideaway with 2 m infrared receiver cable.	CZ-RL511D	126
	CONEX wired remote controller (non-wireless) for 4 way 60x60 cassette - PY3, white.	CZ-RTC6W	172
	CONEX wired remote controller (non-wireless) for 4 way 60x60 cassette - PY3, black.	CZ-RTC6	172

Panel			RRP £
	Panel for 4 way 60x60 cassette - PY3.	CZ-KPY4	266
RAC Solo accessories			RRP £
	Kit of external aluminium grilles with fixed fins (162 mm holes).	PCZ-GB0738	105
	Kit of external aluminium grilles with fixed fins (202 mm holes).	PCZ-GB1091	135
	Insect protection kit (1 metal mesh, 1 grille in metal wire and fixing accessories).	PCZ-GB0755	93
	Side exit formwork for corner installation (right-hand outlet).	PCZ-L00773	1,187
	Side exit formwork for corner installation (left-hand outlet).	PCZ-L00774	1,187
	Bottom cover kit for overhead installation for P-MOZ20/25/30IC5-E.	PCZ-GB0737	93
	Bottom cover kit for overhead installation for P-MOG16IC5-E.	PCZ-GB1105	93
	Condensate drain pipe heater kit*.	PCZ-GB1119	62

* Check availability.

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



New 2025

Jet Air Stream.

- High air distribution for large spaces, with an air volume of up to 5000 m³/h
- Optimal comfort with Smart Jet – self-directing nozzles
- Three versions available: Smart Jet (self-directing nozzles), Manual nozzles, and Ducted connection

Enhanced flexibility with the upgraded PACi NX indoor unit line-up.

- Wall-mounted PK4: New flat design with stylish matt white finish featuring improved serviceability and nanoe™ X (Generator Mark 3) for better indoor air quality
- 4 way 90x90 cassette PU3: New graphite black and white panels providing options to suit a variety of light commercial applications

BION air pollutant filter.

IAQ solution filtering certain types of pollutants, such as nitrogen dioxide (NO₂), nitrogen oxides (NO_x) and ozone (O₃). Designed for the adaptive ducted unit – PF3.

PACi NX Elite Series for top-tier commercial air conditioning (3,6 - 25,0 kW).

- 3 wire power and communication for absolute ease of refurbishment
- Highly efficient performance SEER: 8,9 A+++ / SCOP: 5,1 A+++ at 3,6 kW (in 90x90 cassette)
- A compact outdoor unit featuring a single fan across all the capacities
- Long piping allowance, maximum 100 m ¹⁾
- Wide operation range, up to 52 °C in cooling and down to -20 °C in heating
- Big PACi NX range (20,0-25,0 kW): Available with Water Heat Exchanger for chilled and hot water production, offering high energy efficiency rated A+++ (scale: A+++ to D)

1) For models 10,0 – 25,0 kW.

PACi NX Standard Series for economy and value (2,5 - 14,0 kW).

- 3 wire power and communication for absolute ease of refurbishment
- Top class SEER / SCOP in the standard Inverter category SEER: 8,1 A++ / SCOP: 4,8 A++ at 3,6 kW (in 90x90 cassette)
- Low-height single fan outdoor unit design
- Operation range, up to 43 °C in cooling and down to -15 °C in heating

The complete line-up 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.

Water Heat Exchanger for chilled and hot water production.

- Water outlet temperature in cooling from 5 to 15 °C, in heating from 30 to 55 °C
- Constant 55 °C flow available
- A+++ energy efficiency class (scale: A+++ to D)
- Flexible and space saving system

CONEX. Devices and apps.

- Intuitive control with a stylish design; available in white and black colours
- 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.

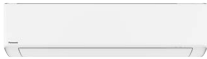
2) Panasonic Comfort Cloud App.

YKEA-1 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

Commercial units range

Page	Indoor units	2,5 kW	3,6 kW	4,5 kW ¹⁾	5,0 kW	6,0 kW
P. 24	Wall-mounted Professional · R32 ²⁾	 CS-Z25YKEA-1	 CS-Z35YKEA-1	 CS-Z42YKEA-1	 CS-Z50YKEA-1	
P. 24	NEW PACi NX wall-mounted · R32	 S-2545PK4E	 S-2545PK4E	 S-2545PK4E	 S-5010PK4E	 S-5010PK4E
P. 25	PACi NX 4 way 60x60 cassette · R32	 S-25PY3E	 S-36PY3E		 S-50PY3E	 S-60PY3E
P. 26	PACi NX 4 way 90x90 cassette · R32		 S-3650PU3E	 S-3650PU3E	 S-3650PU3E	 S-6071PU3E
P. 27	PACi NX ceiling · R32		 S-3650PT3E	 S-3650PT3E	 S-3650PT3E	 S-6071PT3E
P. 28	PACi NX adaptive ducted · R32		 S-3650PF3E	 S-3650PF3E	 S-3650PF3E	 S-6071PF3E
P. 29	Big PACi NX high static pressure hide-away 20-25 kW · R32					
P. 30	NEW PACi NX Jet Air Stream · R32					
Outdoor units	2,5 kW	3,6 kW	5,0 kW	6,0 kW		
PACi NX Elite · R32 Big PACi NX (20,0-25,0 kW) · R32		 U-36PZH3E5	 U-50PZH3E5	 U-60PZH3E5		
PACi NX Standard · R32	 U-25PZ3E5	 U-36PZ3E5	 U-50PZ3E5	 U-60PZ3E5A		

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.

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

+ OPTIONAL UNITS ON VENTILATION SECTION

7,1 kW

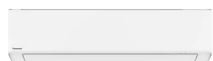
10,0 kW

12,5 kW

14,0 kW

20,0 kW

25,0 kW



CS-Z71YKEA-1



S-5010PK4E



S-5010PK4E



S-6071PU3E



S-1014PU3E



S-1014PU3E



S-1014PU3E

A new panel in graphite black (RAL9011) is available.



S-6071PT3E



S-1014PT3E



S-1014PT3E



S-1014PT3E



S-6071PF3E



S-1014PF3E



S-1014PF3E



S-1014PF3E



S-200PE4E



S-250PE4E

P-VTVF140MC5-PE /
P-VTVF140NC5-PE /
P-VTVF140PC5-PEP-VTVF250MC5-PE /
P-VTVF250NC5-PE /
P-VTVF250PC5-PE

7,1 kW

10,0 kW

12,5 kW

14,0 kW

20,0 kW

25,0 kW



U-71PZH4E5 / U-71PZH4E8



U-100PZH4E5 / U-100PZH4E8



U-125PZH4E5 / U-125PZH4E8



U-140PZH4E5 / U-140PZH4E8



U-200PZH4E8



U-250PZH4E8



U-71PZ3E5A



U-100PZ3E5 / U-100PZ3E8



U-125PZ3E5 / U-125PZ3E8



U-140PZ3E5 / U-140PZ3E8

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	Dimension ²⁾		Weight		
		Cooling	Heating			H x W x D			H x W x D				
		kW	kW			mm		kg	mm		kg	£	
1ph	2,5 kW	KIT-Z25-YKEA-1	2,50	3,40	9,5 A+++	4,6 A++	CS-Z25YKEA-1	295 x 870 x 229	11	CU-Z25YKEA-1	542 x 780 x 289	30	1,330
	3,5 kW	KIT-Z35-YKEA-1	3,50	4,00	9,6 A+++	4,6 A++	CS-Z35YKEA-1	295 x 870 x 229	11	CU-Z35YKEA-1	542 x 780 x 289	30	1,524
	4,2 kW	KIT-Z42-YKEA-1	4,20	5,30	8,6 A+++	4,5 A+	CS-Z42YKEA-1	295 x 870 x 229	11	CU-Z42YKEA-1	542 x 780 x 289	30	1,824
	5,0 kW	KIT-Z50-YKEA-1	5,00	5,80	8,6 A+++	4,6 A++	CS-Z50YKEA-1	295 x 1040 x 244	12	CU-Z50YKEA-1	695 x 875 x 320	40	1,924
	7,1 kW	KIT-Z71-YKEA-1	7,10	8,20	6,5 A++	4,1 A+	CS-Z71YKEA-1	295 x 1040 x 244	13	CU-Z71YKEA-1	695 x 875 x 320	45	2,604

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	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5

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

NEW PACi NX Series Elite wall-mounted - PK4 • R32

Modern, flat design with a stylish matte white finish featuring nanoe™ X (Generator Mark 3).

Improved fan serviceability.

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



Kit (CZ-RTC5B remote controller £172 included)							Indoor unit			Outdoor unit			RRP
		Nominal capacity		SEER ²⁾	SCOP ²⁾			Dimension H x W x D mm	Weight kg		Dimension H x W x D mm	Weight kg	
		Cooling	Heating										
		kW	kW										
1ph	3,6 kW	KIT-36PK4ZH5	3,5	4,0	7,7 A++	4,7 A++	S-2545PK4E	290 x 765 x 214	9	U-36PZH3E5	695 x 875 x 320	42	2,344
	5,0 kW	KIT-50PK4ZH5	5,0	5,6	8,0 A++	4,6 A++	S-5010PK4E	295 x 1060 x 249	14	U-50PZH3E5	695 x 875 x 320	42	2,863
	6,0 kW	KIT-60PK4ZH5	6,1	7,0	7,1 A++	4,7 A++	S-5010PK4E	295 x 1060 x 249	14	U-60PZH3E5	695 x 875 x 320	43	3,030
	7,1 kW	KIT-71PK4ZH45	7,1	7,8	6,6 A++	4,6 A++	S-5010PK4E	295 x 1060 x 249	14	U-71PZH4E5	996 x 980 x 370	66	2,801
	10,0 kW	KIT-100PK4ZH45	9,5	9,5	6,6 A++	4,1 A+	S-5010PK4E	295 x 1060 x 249	14	U-100PZH4E5	996 x 980 x 370	84	3,130
3ph	7,1 kW	KIT-71PK4ZH48	7,1	7,8	6,6 A++	4,6 A++	S-5010PK4E	295 x 1060 x 249	14	U-71PZH4E8	996 x 980 x 370	66	3,620
	10,0 kW	KIT-100PK4ZH48	9,5	9,5	6,6 A++	4,1 A+	S-5010PK4E	295 x 1060 x 249	14	U-100PZH4E8	996 x 980 x 370	82	4,181

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
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 ⁴⁾	g/m	15	15	15	30	40

Electrical information (power supply to outdoor)							
Single phase				Three phase			
Kit	kW	3,6	5,0	6,0	7,1	10,0	7,1
Recommended fuse	A	20	20	25	25	35	16
Connection in. / out.	mm ²	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5	4x2,5

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) Please refer to the technical manual for the required refrigerant amount for multi-indoor systems.

Order our full PACi range online at
www.panasonic-hvac-direct.co.uk



PACi NX Series

NEW PACi NX Series Standard wall-mounted - PK4 · R32

Modern, flat design with a stylish matte white finish featuring nanoe™ X (Generator Mark 3).

Improved fan serviceability.

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



Kit [CZ-RTC5B remote controller £172 included]							Indoor unit			Outdoor unit			RRP
		Nominal capacity		SEER ¹⁾	SCOP ¹⁾		Dimension H x W x D mm	Weight kg		Dimension H x W x D mm	Weight kg		
		Cooling	Heating										
		kW	kW										
1ph	2,5 kW	KIT-25PK4Z5	2,5	2,8	6,6 A++	4,2 A+	S-2545PK4E	290 x 765 x 214	9	U-25PZ3E5	619 x 824 x 299	32	1,879
	3,6 kW	KIT-36PK4Z5	3,5	3,6	6,8 A++	4,4 A+	S-2545PK4E	290 x 765 x 214	9	U-36PZ3E5	619 x 824 x 299	32	1,940
	5,0 kW	KIT-50PK4Z5	5,0	5,0	7,2 A++	4,4 A+	S-5010PK4E	295 x 1060 x 249	14	U-50PZ3E5	619 x 824 x 299	35	2,501
	6,0 kW	KIT-60PK4Z5	6,1	6,1	7,0 A++	4,6 A++	S-5010PK4E	295 x 1060 x 249	14	U-60PZ3E5A	695 x 875 x 320	42	2,513
	7,1 kW	KIT-71PK4Z5	6,9	7,1	6,0 A+	4,4 A+	S-5010PK4E	295 x 1060 x 249	14	U-71PZ3E5A	695 x 875 x 320	50	2,861
	10,0 kW	KIT-100PK4Z5	9,0	9,0	6,2 A++	4,0 A+	S-5010PK4E	295 x 1060 x 249	14	U-100PZ3E5	996 x 980 x 370	83	3,203
3ph	10,0 kW	KIT-100PK4Z8	9,0	9,0	6,2 A++	4,0 A+	S-5010PK4E	295 x 1060 x 249	14	U-100PZ3E8	996 x 980 x 370	83	3,318

Piping information

Kit	kW	2,5	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	1/4 - 1/2	1/4 - 5/8	3/8 - 5/8
Pipe length range	m	3 ~ 15	3 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40	5 ~ 50
Elevation difference (in / out) ²⁾	m	15/15	15/15	15/15	15/30	20/30	15/30
Pre-charged pipe length	m	7,5	7,5	7,5	30	30	30
Additional gas amount	g/m	10	10	15	15	17	45

Electrical information (power supply to outdoor)

Single phase						Three phase	
Kit	kW	2,5	3,6	5,0	6,0	7,1	10,0
Recommended fuse	A	16	20	20	25	25	35
Connection in. / out.	mm ²	4x1,5	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5

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 and Standard 4 way 60x60 cassette - PY3 · R32

nanoe™ X (Generator Mark 2).

Panel CZ-KPY4 (H x W x D / net weight): 30 x 625 x 625 mm / 2,8 kg,

white colour, RAL9010.



Kit (CZ-RTC5B remote controller £172 and CZ-KPY4 panel £266 included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER ¹⁾	SCOP ¹⁾		Dimension / Weight		Dimension / 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		£	
Standard													
1ph	2.5 kW	KIT-25PY3Z5	2.5	2.4 / 1.6	3.2	4.0	6.5 A++	4.6 A++	S-25PY3E	243 x 575 x 575 / 15	U-25PZ3E5	619 x 824 x 299 / 32	2,016
	3.6 kW	KIT-36PY3Z5	3.6	3.4 / 2.3	3.6	4.0	6.7 A++	4.3 A+	S-36PY3E	243 x 575 x 575 / 15	U-36PZ3E5	619 x 824 x 299 / 32	2,121
	5.0 kW	KIT-50PY3Z5	5.0	4.8 / 3.0	5.0	5.6	7.3 A++	4.4 A+	S-50PY3E	243 x 575 x 575 / 15	U-50PZ3E5	619 x 824 x 299 / 35	2,492
	6.0 kW	KIT-60PY3Z5	6.0	5.9 / 3.7	6.0	6.3	6.8 A++	4.2 A+	S-60PY3E	243 x 575 x 575 / 15	U-60PZ3E5A	695 x 875 x 320 / 46	2,700
Elite													
1ph	3.6 kW	KIT-36PY3ZH5	3.6	3.5 / 2.3	4.0	4.5	7.3 A++	4.7 A++	S-36PY3E	243 x 575 x 575 / 15	U-36PZH3E5	695 x 875 x 320 / 42	2,525
	5.0 kW	KIT-50PY3ZH5	5.0	4.9 / 3.1	5.6	5.8	7.0 A++	4.6 A++	S-50PY3E	243 x 575 x 575 / 15	U-50PZH3E5	695 x 875 x 320 / 42	2,854
	6.0 kW	KIT-60PY3ZH5	6.0	5.9 / 3.7	7.0	6.7	6.7 A++	4.3 A+	S-60PY3E	243 x 575 x 575 / 15	U-60PZH3E5	695 x 875 x 320 / 43	3,217

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)

Single phase					
Kit	kW	2,5	3,6	5,0	6,0
Recommended fuse	A	16	16	16	20
Connection in. / out.	mm ²	4x1,5	4x1,5	4x1,5	4x2,5

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.

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.aircon.panasonic.eu or www.ptc.panasonic.eu.

PACi NX Series

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

nanoe™ X (Generator Mark 1).

Panel (HxWxD / net weight): 33,5x950x950 mm / 5 kg.

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

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



Kit (CZ-RTC5B remote controller £172 and CZ-KPU3W panel £242 included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / n _{s,c} ²⁾	SCOP / n _{s,h} ²⁾		Dimension / Weight H x W x D		Dimension / Weight H x W x D		
		Cool	UK Total / Sensible	Heat	UK Total								
		kW	kW	kW	kW				mm / kg		mm / kg	£	
1ph	3.6 kW	KIT-36PU3ZH5	3.6	3.5/2.6	4.0	4.5	8.9 A+++	5.1 A+++	S-3650PU3E	256 x 840 x 840 / 19	U-36PZH3E5	695 x 875 x 320 / 42	2,387
	5.0 kW	KIT-50PU3ZH5	5.0	4.9/3.4	5.6	5.9	8.6 A+++	4.9 A++	S-3650PU3E	256 x 840 x 840 / 19	U-50PZH3E5	695 x 875 x 320 / 42	2,611
	6.0 kW	KIT-60PU3ZH5	6.0	5.9/4.1	7.0	7.2	8.0 A++	4.8 A++	S-6071PU3E	256 x 840 x 840 / 20	U-60PZH3E5	695 x 875 x 320 / 43	3,121
	7.1 kW	KIT-71PU3ZH45	7.1	8.1/6.2	8.0	8.3	7.7 A++	4.8 A++	S-6071PU3E	256 x 840 x 840 / 20	U-71PZH4E5	996 x 980 x 370 / 66	3,648
	10.0 kW	KIT-100PU3ZH45	10.0	11.2/9.1	11.2	12.7	7.8 A++	4.9 A++	S-1014PU3E	319 x 840 x 840 / 25	U-100PZH4E5	996 x 980 x 370 / 84	4,334
	12.5 kW	KIT-125PU3ZH45	12.5	12.5/9.9	14.0	14.6	304.3%	186.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZH4E5	996 x 980 x 370 / 86	4,664
3ph	14.0 kW	KIT-140PU3ZH45	14.0	14.3/10.9	16.0	16.4	286.6%	181.2%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZH4E5	996 x 980 x 370 / 86	5,124
	7.1 kW	KIT-71PU3ZH48	7.1	8.1/6.2	8.0	8.3	7.6 A++	4.8 A++	S-6071PU3E	256 x 840 x 840 / 20	U-71PZH4E8	996 x 980 x 370 / 66	3,711
	10.0 kW	KIT-100PU3ZH48	10.0	11.2/9.1	11.2	12.7	7.7 A++	4.9 A++	S-1014PU3E	319 x 840 x 840 / 25	U-100PZH4E8	996 x 980 x 370 / 82	4,378
	12.5 kW	KIT-125PU3ZH48	12.5	12.5/9.9	14.0	14.6	303.3%	186.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZH4E8	996 x 980 x 370 / 84	4,804
	14.0 kW	KIT-140PU3ZH48	14.0	14.3/10.9	16.0	16.4	285.6%	181.1%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZH4E8	996 x 980 x 370 / 84	5,500

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	5~100	5~100	
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	30	40 ⁴⁾	40 ⁴⁾	40 ⁴⁾	

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	4x1,5			4x2,5			4x2,5					

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) 25g/m over 85 m

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

nanoe™ X (Generator Mark 1).

Panel (HxWxD / net weight): 33,5x950x950 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 £172 and CZ-KPU3W panel £242 included)									Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / n _{s,c} ¹⁾	SCOP / n _{s,h} ¹⁾		Dimension / Weight H x W x D		Dimension / Weight H x W x D		
		Cool	UK Total / Sensible	Heat	UK Total								
		kW	kW	kW	kW				mm / kg		mm / kg	£	
1ph	3.6 kW	KIT-36PU3Z5	3.6	3.4/2.6	3.6	4.0	8.1 A++	4.8 A++	S-3650PU3E	256 x 840 x 840 / 19	U-36PZ3E5	619 x 824 x 299 / 32	1,983
	5.0 kW	KIT-50PU3Z5	5.0	4.8/3.3	5.0	5.6	8.0 A++	4.7 A++	S-3650PU3E	256 x 840 x 840 / 19	U-50PZ3E5	619 x 824 x 299 / 35	2,249
	6.0 kW	KIT-60PU3Z5	6.0	5.9/4.1	6.0	6.3	7.8 A++	4.9 A++	S-6071PU3E	256 x 840 x 840 / 20	U-60PZ3E5A	695 x 875 x 320 / 42	2,604
	7.1 kW	KIT-71PU3Z5	7.1	6.7/4.4	7.1	7.1	6.8 A++	4.6 A++	S-6071PU3E	256 x 840 x 840 / 20	U-71PZ3E5A	695 x 875 x 320 / 50	2,952
	10.0 kW	KIT-100PU3Z5	10.0	10.7/7.6	10.0	13.0	6.8 A++	4.4 A+	S-1014PU3E	319 x 840 x 840 / 25	U-100PZ3E5	996 x 980 x 370 / 83	3,400
	12.5 kW	KIT-125PU3Z5	12.5	12.6/8.4	12.5	14.7	267.0%	157.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZ3E5	996 x 980 x 370 / 87	3,761
3ph	14.0 kW	KIT-140PU3Z5	14.0	13.9/9.2	14.0	15.4	257.0%	152.2%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZ3E5	996 x 980 x 370 / 87	4,441
	10.0 kW	KIT-100PU3Z8	10.0	10.7/7.6	10.0	13.0	6.7 A++	4.4 A+	S-1014PU3E	319 x 840 x 840 / 25	U-100PZ3E8	996 x 980 x 370 / 83	3,515
	12.5 kW	KIT-125PU3Z8	12.5	12.6/8.4	12.5	14.7	265.8%	157.0%	S-1014PU3E	319 x 840 x 840 / 25	U-125PZ3E8	996 x 980 x 370 / 87	3,831
	14.0 kW	KIT-140PU3Z8	14.0	13.9/9.2	14.0	15.4	256.2%	152.2%	S-1014PU3E	319 x 840 x 840 / 25	U-140PZ3E8	996 x 980 x 370 / 87	4,476

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	3~15	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	16	16	20	20	30	40	40	20	20	20		
Connection in. / out.	mm ²	4x1,5			4x2,5			4x2,5					

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.

White and graphite black panels now available for the 4 way 90x90 cassette, offering versatile options for commercial applications.

Standard panel, white
(RAL9003).
CZ-KPU3W



Econavi panel, white
(RAL9003).
CZ-KPU3AW



Standard panel, graphite
black (RAL9011).
CZ-KPU3B



PACi NX Series

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 °C¹⁾ in cooling and down to -20 °C in heating.



Kit (CZ-RTC5B remote controller £172 included)									Indoor unit		Outdoor unit		RRP
			Nominal capacity				SEER /	SCOP /	Dimension / Weight		Dimension / Weight		
			Cool	UK Total / Sensible	Heat	UK Total	n _{s,c} ²⁾	n _{s,h} ²⁾	H x W x D		H x W x D		
			kW	kW	kW	kW			mm / kg		mm / kg		£
1ph	3.6 kW	KIT-36PT3ZH5	3.5	3.4/2.5	4.0	4.5	7.7 A++	4.9 A++	S-3650PT3E	235 x 960 x 690 / 26	U-36PZH3E5	695 x 875 x 320 / 42	2,478
	5.0 kW	KIT-50PT3ZH5	5.0	4.9/3.3	5.6	5.8	7.4 A++	4.8 A++	S-3650PT3E	235 x 960 x 690 / 26	U-50PZH3E5	695 x 875 x 320 / 42	2,702
	6.0 kW	KIT-60PT3ZH5	6.0	5.9/4.0	7.0	7.2	7.5 A++	4.8 A++	S-6071PT3E	235 x 1275 x 690 / 34	U-60PZH3E5	695 x 875 x 320 / 43	3,144
	7.1 kW	KIT-71PT3ZH45	6.8	8.1/6.0	8.0	8.0	7.3 A++	4.7 A++	S-6071PT3E	235 x 1275 x 690 / 34	U-71PZH4E5	996 x 980 x 370 / 66	3,671
	10.0 kW	KIT-100PT3ZH45	9.5	11.2/8.5	11.2	12.3	7.3 A++	4.5 A+	S-1014PT3E	235 x 1590 x 690 / 40	U-100PZH4E5	996 x 980 x 370 / 84	4,581
	12.5 kW	KIT-125PT3ZH45	12.1	12.5/9.5	14.0	14.2	278.4%	175.6%	S-1014PT3E	235 x 1590 x 690 / 40	U-125PZH4E5	996 x 980 x 370 / 86	4,911
3ph	14.0 kW	KIT-140PT3ZH45	13.4	14.3/10.3	16.0	15.9	263.3%	169.3%	S-1014PT3E	235 x 1590 x 690 / 40	U-140PZH4E5	996 x 980 x 370 / 86	5,371
	7.1 kW	KIT-71PT3ZH48	6.8	8.1/6.0	8.0	8.0	7.2 A++	4.7 A++	S-6071PT3E	235 x 1275 x 690 / 34	U-71PZH4E8	996 x 980 x 370 / 82	3,734
	10.0 kW	KIT-100PT3ZH48	9.5	11.2/8.5	11.2	12.3	7.2 A++	4.5 A+	S-1014PT3E	235 x 1590 x 690 / 40	U-100PZH4E8	996 x 980 x 370 / 84	4,625
	12.5 kW	KIT-125PT3ZH48	12.1	12.5/9.5	14.0	14.2	277.3%	175.6%	S-1014PT3E	235 x 1590 x 690 / 40	U-125PZH4E8	996 x 980 x 370 / 84	5,051
	14.0 kW	KIT-140PT3ZH48	13.4	14.3/10.3	16.0	15.9	262.4%	169.3%	S-1014PT3E	235 x 1590 x 690 / 40	U-140PZH4E8	996 x 980 x 370 / 84	5,747

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	5-100	5-100
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	30	40 ⁴⁾	40 ⁴⁾	40 ⁴⁾

Electrical information (power supply to outdoor)

		Single phase						Three phase					
Kit	kW	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	4x1,5			4x2,5				4x2,5				

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 n_{s,c} / n_{s,h} values is calculated based on EN 14825. 3) Outdoor unit located lower / outdoor unit located higher. 4) 25g/m over 85 m

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 £172 included)									Indoor unit		Outdoor unit		RRP
			Nominal capacity				SEER / n _{s,c} ¹⁾	SCOP / n _{s,h} ¹⁾		Dimension / Weight H x W x D		Dimension / Weight H x W x D	
			Cool	UK Total / Sensible	Heat	UK Total							
			kW	kW	kW	kW			mm / kg			mm / kg	£
1ph	3.6 kW	KIT-36PT3Z5	3.5	3.3/2.4	3.5	4.0	7.2 A++	4.4 A+	S-3650PT3E	235 x 960 x 690 / 26	U-36PZ3E5	619 x 824 x 299 / 32	2,074
	5.0 kW	KIT-50PT3Z5	5.0	4.8/3.2	5.0	5.6	6.7 A++	4.1 A+	S-3650PT3E	235 x 960 x 690 / 26	U-50PZ3E5	619 x 824 x 299 / 35	2,340
	6.0 kW	KIT-60PT3Z5	6.0	5.9/4.0	6.0	6.3	7.3 A++	4.6 A++	S-6071PT3E	235 x 1275 x 690 / 34	U-60PZ3E5A	695 x 875 x 320 / 42	2,627
	7.1 kW	KIT-71PT3Z5	6.8	6.5/4.3	6.8	7.1	5.9 A+	4.3 A+	S-6071PT3E	235 x 1275 x 690 / 34	U-71PZ3E5A	695 x 875 x 320 / 50	2,975
	10.0 kW	KIT-100PT3Z5	10.0	10.7/7.1	10.0	13.0	6.6 A++	4.2 A+	S-1014PT3E	235 x 1590 x 690 / 40	U-100PZ3E5	996 x 980 x 370 / 83	3,647
	12.5 kW	KIT-125PT3Z5	12.5	12.6/8.2	12.5	14.7	241.7%	147.4%	S-1014PT3E	235 x 1590 x 690 / 40	U-125PZ3E5	996 x 980 x 370 / 87	4,008
3ph	14.0 kW	KIT-140PT3Z5	14.0	13.9/8.9	14.0	15.4	228.8%	145.3%	S-1014PT3E	235 x 1590 x 690 / 40	U-140PZ3E5	996 x 980 x 370 / 87	4,688
	10.0 kW	KIT-100PT3Z8	10.0	10.7/7.1	10.0	13.0	6.5 A++	4.2 A+	S-1014PT3E	235 x 1590 x 690 / 40	U-100PZ3E8	996 x 980 x 370 / 83	3,762
	12.5 kW	KIT-125PT3Z8	12.5	12.6/8.2	12.5	14.7	240.9%	147.4%	S-1014PT3E	235 x 1590 x 690 / 40	U-125PZ3E8	996 x 980 x 370 / 87	4,078
	14.0 kW	KIT-140PT3Z8	14.0	13.9/8.9	14.0	15.4	228.1%	145.3%	S-1014PT3E	235 x 1590 x 690 / 40	U-140PZ3E8	996 x 980 x 370 / 87	4,723

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	3-15	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)

		Single phase						Three phase					
Kit	kW	3,6	5,0	6,0	7,1	10,0	12,5	14,0	10,0	12,5	14,0		
Recommended fuse	A	16	16	20	20	35	40	40	16	16	16		
Connection in. / out.	mm ²	4x1,5			4x2,5				4x2,5				

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 n_{s,c} / n_{s,h} values is calculated based on EN 14825. 2) Outdoor unit located lower / outdoor unit located higher.

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PACi NX Series

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 °C¹⁾ in cooling and down to -20 °C in heating.



Kit (CZ-RTC5B remote controller £172 included)						Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / n _{s,c} ²⁾	SCOP / n _{s,h} ²⁾	Dimension / Weight H x W x D	Dimension / Weight H x W x D	£
		Cool	UK Total / Sensible	Heat	UK Total					
		kW	kW	kW	kW					
1ph	3.6 kW KIT-36PF3ZH5	3.6	3.5/2.4	4.0	4.5	6.8 A++	4.5 A+	S-3650PF3E 250 x 800 x 730 / 25	U-36PZH3E5 695 x 875 x 320 / 42	2,479
	5.0 kW KIT-50PF3ZH5	5.0	4.9/3.2	5.6	5.8	6.1 A++	4.2 A+	S-3650PF3E 250 x 800 x 730 / 25	U-50PZH3E5 695 x 875 x 320 / 42	2,703
	6.0 kW KIT-60PF3ZH5	5.7	5.6/3.7	7.0	7.2	7.1 A++	4.4 A+	S-6071PF3E 250 x 1000 x 730 / 30	U-60PZH3E5 695 x 875 x 320 / 43	3,113
	7.1 kW KIT-71PF3ZH45	6.8	7.1/5.5	7.5	8.0	7.1 A++	4.7 A++	S-6071PF3E 250 x 1000 x 730 / 30	U-71PZH4E5 996 x 980 x 370 / 66	3,640
	10.0 kW KIT-100PF3ZH45	9.5	10.2/8.2	10.8	11.9	7.4 A++	4.3 A+	S-1014PF3E 250 x 1400 x 730 / 39	U-100PZH4E5 996 x 980 x 370 / 84	4,572
	12.5 kW KIT-125PF3ZH45	12.1	12.1/9.3	13.5	13.6	281.7%	165.0%	S-1014PF3E 250 x 1400 x 730 / 39	U-125PZH4E5 996 x 980 x 370 / 86	4,902
3ph	14.0 kW KIT-140PF3ZH45	13.4	13.7/10.1	15.5	15.4	275.9%	162.6%	S-1014PF3E 250 x 1400 x 730 / 39	U-140PZH4E5 996 x 980 x 370 / 86	5,362
	7.1 kW KIT-71PF3ZH48	6.8	7.1/5.5	7.5	8.0	7.1 A++	4.7 A++	S-6071PF3E 250 x 1000 x 730 / 30	U-71PZH4E8 996 x 980 x 370 / 82	3,703
	10.0 kW KIT-100PF3ZH48	9.5	10.2/8.2	10.8	11.9	7.4 A++	4.3 A+	S-1014PF3E 250 x 1400 x 730 / 39	U-100PZH4E8 996 x 980 x 370 / 84	4,616
	12.5 kW KIT-125PF3ZH48	12.1	12.1/9.3	13.5	13.6	281.0%	165.0%	S-1014PF3E 250 x 1400 x 730 / 39	U-125PZH4E8 996 x 980 x 370 / 84	5,042
	14.0 kW KIT-140PF3ZH48	13.4	13.7/10.1	15.5	15.4	275.2%	162.6%	S-1014PF3E 250 x 1400 x 730 / 39	U-140PZH4E8 996 x 980 x 370 / 84	5,738

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	5~100	5~100
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	30	40 ⁴⁾	40 ⁴⁾	40 ⁴⁾

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.	mm²	4x1,5			4x2,5			4x2,5				

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 n_{s,c} / n_{s,h} values is calculated based on EN 14825. 3) Outdoor unit located lower / outdoor unit located higher. 4) 25g/m over 85 m

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 £172 included)						Indoor unit		Outdoor unit		RRP
		Nominal capacity				SEER / n _{s,c} ¹⁾	SCOP / n _{s,h} ¹⁾	Dimension / Weight H x W x D	Dimension / Weight H x W x D	£
		Cool	UK Total / Sensible	Heat	UK Total					
		kW	kW	kW	kW					
1ph	3.6 kW KIT-36PF3Z5	3.4	3.2/2.3	3.4	4.0	6.0 A+	4.0 A+	S-3650PF3E 250 x 800 x 730 / 25	U-36PZ3E5 619 x 824 x 299 / 32	2,075
	5.0 kW KIT-50PF3Z5	5.0	4.8/3.1	5.0	5.2	6.5 A++	4.0 A+	S-3650PF3E 250 x 800 x 730 / 25	U-50PZ3E5 619 x 824 x 299 / 35	2,341
	6.0 kW KIT-60PF3Z5	5.7	5.6/3.7	5.7	6.3	6.4 A++	4.4 A+	S-6071PF3E 250 x 1000 x 730 / 30	U-60PZ3E5A 695 x 875 x 320 / 42	2,596
	7.1 kW KIT-71PF3Z5	6.8	6.5/4.2	6.8	7.1	6.0 A+	4.1 A+	S-6071PF3E 250 x 1000 x 730 / 30	U-71PZ3E5A 695 x 875 x 320 / 50	2,944
	10.0 kW KIT-100PF3Z5	9.5	10.6/7.3	9.5	12.5	6.6 A++	3.9 A	S-1014PF3E 250 x 1400 x 730 / 39	U-100PZ3E5 996 x 980 x 370 / 83	3,638
	12.5 kW KIT-125PF3Z5	12.1	12.6/8.2	12.1	14.7	257.4%	142.6%	S-1014PF3E 250 x 1400 x 730 / 39	U-125PZ3E5 996 x 980 x 370 / 87	3,999
3ph	14.0 kW KIT-140PF3Z5	13.4	13.9/9.0	13.4	15.4	252.2%	140.6%	S-1014PF3E 250 x 1400 x 730 / 39	U-140PZ3E5 996 x 980 x 370 / 87	4,679
	10.0 kW KIT-100PF3Z8	9.5	10.6/7.3	9.5	12.5	6.5 A++	3.9 A	S-1014PF3E 250 x 1400 x 730 / 39	U-100PZ3E8 996 x 980 x 370 / 83	3,753
	12.5 kW KIT-125PF3Z8	12.1	12.6/8.2	12.1	14.7	256.2%	142.6%	S-1014PF3E 250 x 1400 x 730 / 39	U-125PZ3E8 996 x 980 x 370 / 87	4,069
	14.0 kW KIT-140PF3Z8	13.4	13.9/9.0	13.4	15.4	251.4%	140.6%	S-1014PF3E 250 x 1400 x 730 / 39	U-140PZ3E8 996 x 980 x 370 / 87	4,714

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	3~15	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	16	16	20	20	35	40	40	16	20	20
Connection in. / out.	mm ²	4x1,5			4x2,5			4x2,5			

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 n_{s,c} / n_{s,h} values is calculated based on EN 14825. 2) Outdoor unit located lower / outdoor unit located higher.

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PACi NX Series

Big PACi NX Series high static pressure hide-away 20,0-25,0 kW · R32

nanoe™ X (Generator Mark 3).

Maximum piping length 100 m.

High external static pressure, maximum 200 Pa setting.



Kit (CZ-RTC5B remote controller £172 included)						Indoor unit			Outdoor unit			RRP	
			Nominal capacity		$\eta_{s,c}$ ¹⁾	$\eta_{s,h}$ ¹⁾	Dimension H x W x D mm	Weight kg	Dimension ²⁾ H x W x D mm	Weight kg	RRP £		
			Cooling kW	Heating kW									
3ph	20,0 kW	KIT-200PE4ZH8	19,0	22,4	237,8%	146,0%	S-200PE4E	486 x 1456 x 916	83	U-200PZH4E8	996 x 1140 x 460	109	8,097
	25,0 kW	KIT-250PE4ZH8	22,0	24,0	213,0%	145,0%	S-250PE4E	486 x 1456 x 916	87	U-250PZH4E8	996 x 1140 x 460	109	9,208

Piping information				
Kit	kW	20,0	25,0	
Piping diameter (liquid - gas)	Inch	1/2 - 7/8	1/2 - 7/8	
Pipe length range	m	5 - 100	5 - 100	
Elevation difference (in / out)	m	30	30	
Pre-charged pipe length	m	30	30	
Additional gas amount	g/m	80	80	

Electrical information (power supply to outdoor)				
Three phase				
Kit	kW	20,0	25,0	
Recommended fuse	A	30	30	
Connection in. / out.	mm ²	4x2,5	4x2,5	

1) Energy Label Scale from A+++ to D. 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.

PACi NX with Water Heat Exchanger

The Water Heat Exchanger for chilled and hot water production

Hydronic solution with PACi NX for a quick return on investment.

Constant 55 °C flow available.

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



Water Heat Exchanger								Outdoor unit			RRP		
		Nominal capacity		Heating energy efficiency class ³⁾		n _{s,h} (LOT1) ⁴⁾	Dimension H x W x D	Weight	Dimension H x W x D	Weight	Water Heat Exchanger	Outdoor	
		Cooling ¹⁾	Heating ²⁾	35 °C	55 °C								
		kW	kW	A+++ to D	A+++ to D								
							mm	kg			€	€	
1ph	PAW-200W5APAC-2	17,9	23,1	A+++	A++	179,8%	550 x 455 x 205	27	U-200PZH4E8	996 x 1140 x 460	109	4,494	4,061
	PAW-250W5APAC-2	22,9	26,0	A+++	A+	176.5%	550 x 455 x 205	27	U-250PZH4E8	996 x 1140 x 460	109	4.870	4.784

Piping information				
Kit	kW	20,0	25,0	
Piping diameter (liquid - gas)	Inch	1/2 - 7/8	1/2 - 7/8	
Pipe length range	m	5 - 100	5 - 100	
Elevation difference (in / out)	m	30	30	
Pre-charged pipe length	m	30	30	
Additional gas amount	g/m	80	80	

Electrical information (power supply to outdoor)				
Three phase				
Kit	kW	20,0	25,0	
Recommended fuse	A	30	30	

1) Data refers to 7 °C leaving chilled water temperature and 35 °C ambient air temperature, according to EN 14511 standard. 2) Data refers to 35 °C leaving warm water temperature and 7 °C ambient air temperature according to EN 14511 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.

CONEX. Devices and apps.

CONEX provides comfort and control for varying user needs. Accessible, flexible and scalable with different controllers and apps.

Model	Description	RRP £
CZ-RTC6W	CONEX wired remote controller (non-wireless), white	172
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white	203
CZ-RTC6WBLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white	286
CZ-RTC6	CONEX wired remote controller (non-wireless), black	172
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black	203
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black	286

Panasonic H&C Diagnosis App for service and installer.

Panasonic H&C Control App for end user, service and installer.

Panasonic Comfort Cloud App for end user.

New Jet Air Stream

PACi NX Jet Air Stream · R32

Energy-saving solution for year-round heating and cooling in large and high spaces.

High air volume up to 5000 m³/h and long maximum air throw distance of 30 m.



Kit (PCZ-AHRX0012 remote controller £466 included)						Indoor unit: Jet Air Stream Smart			Outdoor unit			RRP	
		Nominal capacity		$\eta_{s,c}^{2)}$	$\eta_{s,h}^{2)}$								
		Cooling kW	Heating kW				Dimension H x W x D mm	Weight kg		Dimension H x W x D mm	Weight kg	£	
1ph	14,0 kW	KIT-140MC5ZH5	14,1	14,0	227%	155%	P-VTVF140MC5-PE	802 x 1105 x 893	88	U-140PZH4E5	996 x 980 x 370	86	10,276
3ph	14,0 kW	KIT-140MC5ZH8	14,1	14,0	227%	155%	P-VTVF140MC5-PE	802 x 1105 x 893	88	U-140PZH4E8	996 x 980 x 370	84	10,652
	25,0 kW	KIT-250MC5ZH8	24,2	26,7	250%	155%	P-VTVF250MC5-PE	1026 x 1458 x 953	130	U-250PZH4E8	996 x 1140 x 460	109	11,386

Piping information

Kit	kW	14,0	14,0	25,0
Piping diameter (liquid - gas)	Inch	3/8-5/8	3/8-5/8	1/2 - 7/8
Pipe length range	m	5 ~ 100	5 ~ 100	5 ~ 100
Elevation difference (in / out) ²⁾	m	15/30 ⁴⁾	15/30 ⁴⁾	30
Pre-charged pipe length	m	30	30	30
Additional gas amount	g/m	40 ³⁾	40 ³⁾	80

Electrical information (power supply to outdoor)

Kit	kW	Single phase		Three phase	
		14,0	14,0	25,0	
Recommended fuse	A	40	16	30	

1) 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. 3) 25g/m over 85 m.

Optional configurations*		Front panel type	Air flow (m³/h)	RRP (indoor) £
P-VTVF140NC5-PE	Jet Air Stream Standard	Manual nozzles	2500	5,682
P-VTVF250NC5-PE	Jet Air Stream Standard	Manual nozzles	5000	8,392
P-VTVF140PC5-PE	Jet Air Stream Ducted	Ducted connection	2500	4,507
P-VTVF250PC5-PE	Jet Air Stream Ducted	Ducted connection	5000	6,040

* The product technical data is the same as Jet Air Stream Smart.



Jet Air Stream.

The Jet Air Stream provides an efficient and sustainable solution for year-round heating and cooling in large spaces such as gymnasiums, production areas, and warehouses. It ensures optimal user comfort, a quiet environment, and is much easier to install than comparable HVAC systems.



Efficient heating and cooling.



Long air distribution.



Smart Jet - self-directing nozzles.

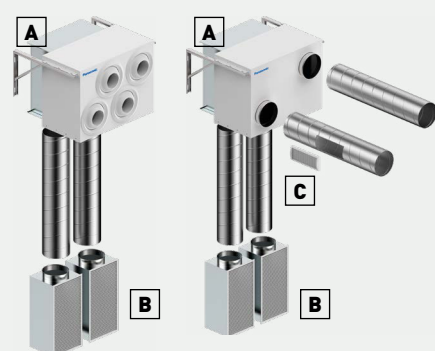


Quiet operation.

Accessories for remote air intake configurations.

Manual version.

Ducted version.



Three versions available: Smart Jet - self-directing nozzles, Manual nozzles, and Ducted connection.

Jet Air Stream Smart	Jet Air Stream Standard	Jet Air Stream Ducted
P-VTVF***MC5-PE	P-VTVF***NC5-PE	P-VTVF***PC5-PE
Smart Jet - self-directing nozzles	Manual nozzles	Ducted connection

- A | PCZ-AHRX0051. Ducted air intake plenum (1 x DN 355 mm) for VTVF140N and VTVF140P
 A | PCZ-AHRX0052. Ducted air intake plenum (2 x DN 355 mm) for VTVF250N and VTVF250P
 B | PCZ-AHRX0061. Ground air intake module (VTVF250 requires two of them)
 C | PCZ-AHRX0071. Air supply grille for ducts

Low temperature compatible unit configurations

Solutions for cold rooms. Set the room temperature to 8 °C

Flexibility with different types of indoor units.

nanoe™ X technology for better indoor air quality.

Redundancy support for up to 2 systems using the CONEX controller and up to 4 systems with the optional controller (PAW-PACR4).

Possible outdoor / indoor units combinations

	Single						Twin		
Cooling capacity ¹⁾	3,5 kW	4,9 kW	5,8 kW	6,9 kW	9,3 kW	11,6 kW	13,6 kW	18,5 kW	23,2 kW
Outdoor unit single phase	U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5	U-100PZH4E5	U-125PZH4E5	U-140PZH4E5	—	—
RRP €	1,305	1,529	1,696	2,223	2,803	3,133	3,593	—	—
Outdoor unit three phase	—	—	—	U-71PZH4E8	U-100PZH4E8	U-125PZH4E8	U-140PZH4E8	U-200PZH4E8	U-250PZH4E8
RRP €	—	—	—	2,286	2,847	3,273	3,969	4,143	4,880
Wall-mounted	S-5010PK4E	S-5010PK4E	S-5010PK4E	2xS-5010PK4E	2xS-5010PK4E	2xS-5010PK4E	2xS-5010PK4E	—	—
RRP €	—	—	—	—	—	—	—	—	—
4 way 90x90 cassette	S-6071PU3E	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	2xS-1014PU3E	2xS-1014PU3E	2xS-1014PU3E
RRP €	1,253	1,253	1,359	1,359	1,359	1,359	2,718	2,718	2,718
Ceiling	S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	2xS-1014PT3E	2xS-1014PT3E	2xS-1014PT3E
RRP €	1,276	1,276	1,606	1,606	1,606	1,606	3,212	3,212	3,212
Adaptive ducted unit	S-6071PF3E	S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	2xS-1014PF3E	2xS-1014PF3E	2xS-1014PF3E
RRP €	1,245	1,245	1,597	1,597	1,597	1,597	3,194	3,194	3,194
Jet Air Stream ²⁾	—	—	—	—	—	P-VTVF140	P-VTVF140	P-VTVF250	P-VTVF250
RRP €	—	—	—	—	—	PRICE DEPENDANT UPON CHOSEN MODEL TYPE			

1) Under the condition with outdoor 35 °C (DB) and indoor 15 °C (WB). The CONEX controller CZ-RTC6(-BL/-BLW2) is required. 2) Available in all configurations: Smart, Standard, and Ducted. The CONEX controller CZ-RTC6 (-BL/-BLW2) required for setup. However, the operation controller is built-in.

Cold room solutions with PACi NX Series. Temperature control at 8 °C.

The PACi NX series offers flexibility for specialised applications, beyond standard cooling. This product can maintain room temperatures between +8 °C and +24 °C WB (or +10 °C and +30 °C DB). To achieve this, the indoor unit must be sized for adequate coil and airflow requirements, and key parameters adjusted accordingly.

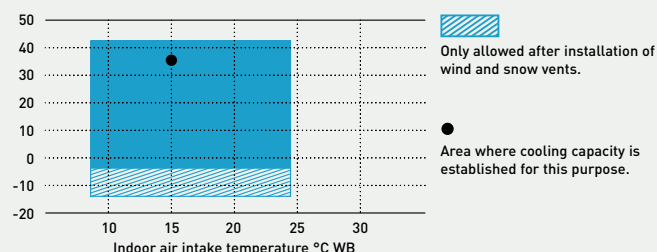
Wired remote control.
CZ-RTC6/WBL/WBLW2
or CZ-RTC6/BL/BLW2.

A wide range of indoor units is available.

PACi NX outdoor unit.

Temperature range.

In cooling. Outdoor air intake temperature °C DB.



Temperature range

	Indoor	Outdoor
Cooling operation	+8 ~ +24 °C WB	-5 (-15) ~ 43 °C DB

PACi NX Series Elite ceiling - PT3 · R32

For light refrigeration applications.



nanoe™ X as a standard.

Pricing includes CZ-RTC6 remote controller and any required branch pipes



				High temperature									
Kit				36	50	60	71	100	125	140	200	250	
Indoor unit - 1				S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	
Indoor unit - 2				—	—	—	—	—	—	S-1014PT3E	S-1014PT3E	S-1014PT3E	
Outdoor unit				U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH3E5/8	U-200PZH2E8	U-250PZH2E8	
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,60	8,80	11,20	13,00	18,50	23,20	
		EER		4,67	3,71	3,63	3,53	3,76	3,15	3,40	3,32	2,92	
		Input power	kW	0,75	1,32	1,60	1,87	2,34	3,56	3,82	5,57	7,94	
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,01	8,01	10,19	11,83	16,84	21,11	
		EER		4,33	3,45	3,37	3,28	3,49	2,92	3,16	3,08	2,71	
		Input power	kW	0,74	1,29	1,57	1,83	2,29	3,49	3,74	5,46	7,78	
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		3,59	2,86	2,79	2,71	2,89	2,42	2,62	2,55	2,25	
		Input power	kW	0,59	1,03	1,25	1,46	1,83	2,78	2,98	4,34	6,19	
	Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	6,73	9,42	11,98	13,91	20,17	25,29
			EER		5,43	4,32	3,93	3,83	4,37	3,66	3,96	3,94	3,46
			Input power	kW	0,69	1,21	1,50	1,76	2,15	3,28	3,51	5,12	7,30
Indoor 12 °C (WB)		Cooling capacity	kW	3,43	4,80	5,39	6,14	8,62	10,98	12,74	18,50	23,20	
		EER		5,08	4,04	3,66	3,57	4,09	3,43	3,71	3,69	3,25	
		Input power	kW	0,68	1,19	1,47	1,72	2,11	3,20	3,44	5,01	7,15	
Indoor 8 °C (WB)		Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		4,00	3,18	3,02	2,94	3,22	2,70	2,92	2,85	2,50	
		Input power	kW	0,53	0,92	1,15	1,35	1,64	2,49	2,67	3,90	5,56	
Indoor unit	Dimension (H xW x D)		mm	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690		
	Net weight		kg	34	34	40	40	40	40	40	40		
	nanoe™ X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2		
Outdoor unit	Dimension (H xW x D)		mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x980x370	1500x980x370	1500x980x370	
	Net weight		kg	42	42	43	66	84	86	86	117	128	

PACi NX Series Elite adaptive ducted unit - PF3 · R32

For light refrigeration applications.



nanoe™ X as a standard.

Pricing includes CZ-RTC6 remote controller and any required branch pipes



				High temperature									
Kit				36	50	60	71	100	125	140	200	250	
Indoor unit - 1				S-6071PF3E	S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	
Indoor unit - 2				—	—	—	—	—	—	S-1014PF3E	S-1014PF3E	S-1014PF3E	
Outdoor unit				U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8	U-200PZH2E8	U-250PZH2E8	
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,60	8,80	11,20	13,00	18,50	23,20	
		EER		3,98	3,20	3,52	3,37	3,79	3,21	3,59	3,50	3,08	
		Input power	kW	0,88	1,53	1,65	1,96	2,32	3,49	3,62	5,29	7,54	
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,01	8,01	10,19	11,83	16,84	21,11	
		EER		3,69	2,97	3,26	3,13	3,52	2,98	3,33	3,25	2,86	
		Input power	kW	0,86	1,50	1,62	1,92	2,27	3,42	3,55	5,18	7,39	
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		3,06	2,46	2,70	2,59	2,92	2,47	2,76	2,69	2,37	
		Input power	kW	0,69	1,19	1,29	1,53	1,81	2,72	2,82	4,13	5,88	
	Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	6,73	9,42	11,98	13,91	20,17	25,29
			EER		4,63	3,72	3,81	3,65	4,41	3,73	4,18	4,14	3,65
			Input power	kW	0,81	1,41	1,55	1,84	2,13	3,21	3,33	4,87	6,94
Indoor 12 °C (WB)		Cooling capacity	kW	3,43	4,80	5,39	6,14	8,62	10,98	12,74	18,50	23,20	
		EER		4,33	3,49	3,55	3,40	4,13	3,49	3,91	3,89	3,42	
		Input power	kW	0,79	1,38	1,52	1,80	2,09	3,14	3,26	4,76	6,79	
Indoor 8 °C (WB)		Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		3,41	2,75	2,93	2,81	3,25	2,75	3,08	3,00	2,64	
		Input power	kW	0,62	1,07	1,19	1,41	1,62	2,44	2,53	3,70	5,28	
Indoor unit	Dimension (H x W x D)		mm	250x1000x730	250x1000x730	250x1000x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	
	Net weight		kg	30	30	30	39	39	39	39	39	39	
	nanoe™ X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	
Outdoor unit	Dimension (H x W x D)		mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x980x370	1500x980x370	1500x980x370	
	Net weight		kg	42	42	43	66	84	86	84	117	128	

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

For light refrigeration applications.



nanoe™ X as a standard.

Pricing includes CZ-RTC6 remote controller and any required branch pipes



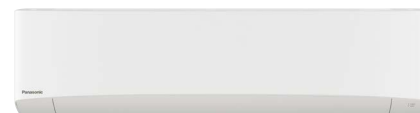
				High temperature								
Kit				36	50	60	71	100	125	140	200	250
Indoor unit - 1				S-6071PU3E	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
Indoor unit - 2				—	—	—	—	—	—	S-1014PU3E	S-1014PU3E	S-1014PU3E
Outdoor unit				U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8	U-200PZH2E8	U-250PZH2E8
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	8,80	11,60	13,00	18,50	23,20
		EER		5,12	4,05	3,81	3,67	4,09	3,47	3,82	3,38	2,97
		Input power	kW	0,68	1,21	1,52	1,88	2,15	3,34	3,40	5,48	7,82
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,01	10,56	11,83	16,84	21,11
		EER		4,78	3,76	3,54	3,41	3,80	3,22	3,55	3,13	2,75
		Input power	kW	0,67	1,19	1,49	1,84	2,11	3,27	3,33	5,37	7,66
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80	11,10	13,92
		EER		3,96	3,12	2,94	2,82	3,15	2,67	2,94	2,60	2,28
		Input power	kW	0,53	0,94	1,19	1,47	1,68	2,61	2,65	4,27	6,10
Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,42	12,41	13,91	20,17	25,29
		EER		5,99	4,71	4,14	3,98	4,76	4,04	4,45	4,00	3,51
		Input power	kW	0,63	1,11	1,43	1,77	1,98	3,07	3,13	5,04	7,19
	Indoor 12 °C (WB)	Cooling capacity	kW	3,43	4,80	5,39	6,42	8,62	12,41	12,74	18,50	23,20
		EER		5,60	4,41	3,86	3,71	4,46	4,04	4,16	3,75	3,30
		Input power	kW	0,61	1,09	1,40	1,73	1,94	3,07	3,06	4,93	7,04
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80	11,10	13,92
		EER		4,41	3,47	3,18	3,06	3,51	2,98	3,28	2,89	2,54
		Input power	kW	0,48	0,85	1,09	1,35	1,51	2,34	2,38	3,84	5,47
Indoor unit	Dimension (H x W x D)		mm	256x840x840	256x840x840	256x840x840	319x840x840	319x840x840	319x840x840	319x840x840	319x840x840	319x840x840
	Net weight		kg	19	19	20	25	25	25	25	25	25
	nanoe™ X Generator			Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1
Outdoor unit	Dimension (H x W x D)		mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x980x370	1500x980x370	1500x980x370
	Net weight		kg	42	42	43	66	84	86	86	117	128

PACi NX Series Elite wall-mounted - PK4 · R32

For light refrigeration applications.



nanoe™ X as a standard.



Pricing includes CZ-RTC6 remote controller and any required branch pipes

				High temperature						
Kit				36	50	60	71	100	125	140
Indoor unit - 1				S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E
Indoor unit - 2				—	—	—	—	—	—	—
Outdoor unit				U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	8,80	11,60	13,00
		EER		4,55	3,83	3,56	3,17	2,97	3,06	3,34
		Input power	kW	0,77	1,28	1,63	2,18	2,96	3,79	3,89
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,01	10,56	11,83
		EER		4,22	3,55	3,30	2,94	2,76	2,84	3,10
		Input power	kW	0,75	1,25	1,60	2,14	2,90	3,71	3,81
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,27	4,14	5,28	6,96	7,80
		EER		3,50	2,94	2,14	2,44	2,28	2,35	2,57
		Input power	kW	0,60	1,00	1,52	1,70	2,31	2,96	3,03
Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,42	12,41	13,91
		EER		5,29	4,45	3,86	3,44	3,45	3,56	3,88
		Input power	kW	0,71	1,18	1,53	2,05	2,72	3,49	3,58
	Indoor 12 °C (WB)	Cooling capacity	kW	3,43	4,80	5,39	6,42	8,62	11,37	12,74
		EER		4,95	4,17	3,60	3,20	3,23	3,33	3,64
		Input power	kW	0,69	1,15	1,50	2,01	2,66	3,41	3,50
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80
		EER		3,90	3,28	2,97	2,64	2,55	2,62	2,86
		Input power	kW	0,54	0,90	1,17	1,57	2,16	2,65	2,72
Indoor unit	Dimension (HxWxD)		mm	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236
	Net weight		kg	14	14	14	14	14	14	14
	nanoe™ X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit	Dimension (HxWxD)		mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x980x370
	Net weight		kg	42	42	43	66	84	86	86

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.



Outdoor unit				Nominal capacity ¹⁾		Dimension	Weight	RRP
Series				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	2,223
	10,0 kW	U-100PZH4E5	PACi NX	9,5	11,2	996 x 980 x 370	84	2,803
	12,5 kW	U-125PZH4E5	PACi NX	12,5	14,0	996 x 980 x 370	98	3,133
	14,0 kW	U-140PZH4E5	PACi NX	13,4	16,0	996 x 980 x 370	98	3,593
3ph	7,1 kW	U-71PZH4E8	PACi NX	6,8	8,0	996 x 980 x 370	66	2,286
	10,0 kW	U-100PZH4E8	PACi NX	9,5	11,2	996 x 980 x 370	84	2,847
	12,5 kW	U-125PZH4E8	PACi NX	12,1	14,0	996 x 980 x 370	98	3,273
	14,0 kW	U-140PZH4E8	PACi NX	13,4	16,0	996 x 980 x 370	98	3,969
	20,0 kW	U-200PZH4E8	Big PACi NX	19,0	22,4	996 x 1140 x 460	109	4,143
	25,0 kW	U-250PZH4E8	Big PACi NX	22,0	24,0	996 x 1140 x 460	109	4,880

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	1/2 - 7/8	1/2 - 7/8
Pipe length range	m	5 - 60	100	100	100	100	100
Elevation difference (in / out)	m	15/30 ²⁾	15/30 ²⁾	15/30 ²⁾	15/30 ²⁾	30	30
Pre-charged pipe length	m	30	30 ⁴⁾	30 ⁴⁾	30 ⁴⁾	30	30
Additional gas amount	g/m	40	40	40	40	80	80

Electrical information (power supply to outdoor)							
Single phase							
Outdoor unit	kW	7,1	10,0	12,5	14,0		
Recommended fuse	A	25	35	40	40		
Connection in. / out.	mm²	4x2,5					
Three phase							
Outdoor unit	kW	7,1	10,0	12,5	14,0	20,0	25,0
Recommended fuse	A	16	16	16	16	30	30
Connection in. / out.	mm²	4x2,5				—	—

PACi Elite from 7,1 to 25,0 kW simultaneous operation system combinations · R32 ³⁾

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-71 [S-2545 + S-2545]	U-100 [S-3650 + S-3650] U-100 [S-5010 + S-5010]	U-125 [S-6071 + S-6071] U-125 [S-5010 + S-5010]	U-140 [S-6071 + S-6071] U-140 [S-5010 + S-5010]	U-200 [S-1014 + S-1014]	U-250 [S-1014 + S-1014]
Triple	U-71 [S-25 + S-25 + S-25] U-71 [S-2545 + S-2545 + S-2545]	U-100 [S-3650 + S-3650 + S-3650] U-100 [S-2545 + S-2545 + S-2545]	U-125 [S-3650 + S-3650 + S-3650] U-125 [S-2545 + S-2545 + S-2545]	U-140 [S-3650 + S-3650 + S-3650] U-140 [S-2545 + S-2545 + S-2545]	U-200 [S-6071 + S-6071 + S-6071]	—
Double-twin	—	U-100 [S-25 + S-25 + S-25 + S-2545 + S-2545] U-100 [S-2545 + S-2545 + S-2545 + S-2545]	U-125 [S-3650 + S-3650 + S-3650 + S-2545 + S-2545] U-125 [S-2545 + S-2545 + S-2545 + S-2545]	—	U-200 [S-3650 + S-3650 + S-3650 + S-3650]	U-250 [S-6071 + S-6071 + S-6071 + S-6071]

1) With 4 way 90x90 cassette [PU3]. 2) Outdoor unit located lower / outdoor unit located higher. 3) 7,1 to 14,0 kW: Available with indoor unit types PY3, PF3, PK3, PT3, and PU3. 20,0 - 25,0 kW: Available with indoor unit types PF3 and PU3. 4) triple & double twin 20.

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	1,869
	12,5 kW	U-125PZ3E5	12,5	12,5	996 x 980 x 370	87	2,230
	14,0 kW	U-140PZ3E5	14,0	14,0	996 x 980 x 370	87	2,910
3ph	10,0 kW	U-100PZ3E8	10,0	10,0	996 x 980 x 370	83	1,984
	12,5 kW	U-125PZ3E8	12,5	12,5	996 x 980 x 370	87	2,300
	14,0 kW	U-140PZ3E8	14,0	14,0	996 x 980 x 370	87	2,945

Piping information				
Outdoor unit	kW	10,0	12,5	14,0
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						
Outdoor unit	kW	10,0	12,5	14,0	10,0	12,5
Recommended fuse	A	35	40	40	16	20
Connection in. / out.	mm ²	4x2,5			4x2,5	

PACi NX Standard from 10,0 to 14,0 kW simultaneous operation system combinations · R32 ³⁾

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 [PU3]. 2) Outdoor unit located lower / outdoor unit located higher. 3) Available with indoor unit types PY3, PF3, PK3, PT3, and PU3.

Order our full PACi range online at
www.panasonic-hvac-direct.co.uk



Compatible indoor units for multi combinations

Indoor units Commercial twin, triple and double-twin systems



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



Wall-mounted - PK4			Nominal capacity		Dimension	Weight	RRP
			Cooling kW	Heating kW	H x W x D mm	kg	
1ph	2,5 - 5,0 kW	S-2545PK4E	2,5 - 5,0	2,8 - 5,6	290 x 765 x 214	9	867
	6,0 - 7,1 kW	S-5010PK4E	6,1 - 7,1	6,1 - 7,8	295 x 1060 x 249	14	1,162
	10,0 kW	S-5010PK4E	9,5	9,5	295 x 1060 x 249	14	1,162

Panel (sold separately).
CZ-KPY4



4 way 60x60 cassette - PY3 (panel CZ-KPY4)			Nominal capacity		Dimension (indoor)		Weight (indoor)	Dimension (panel)		Weight (panel)	Indoor £	RRP Panel £
			Cooling kW	Heating kW	H x W x D mm		kg	H x W x D mm		kg		
1ph	2,5 kW	S-25PY3E	2,5	3,2	243 x 575 x 575		15	30 x 625 x 625		2,8	738	266
	3,6 kW	S-36PY3E	3,6	4,0	243 x 575 x 575		15	30 x 625 x 625		2,8	782	266
	5,0 kW	S-50PY3E	5,0	5,6	243 x 575 x 575		15	30 x 625 x 625		2,8	887	266
	6,0 kW	S-60PY3E	6,0	7,0	243 x 575 x 575		15	30 x 625 x 625		2,8	1,083	266

Panels (sold separately):

Standard, white
(RAL9003).
CZ-KPU3W



Econavi, white
(RAL9003).
CZ-KPU3AW



Standard, graphite
black (RAL9011).
CZ-KPU3B



4 way 90x90 cassette - PU3 (panels CZ-KPU3W / CZ-KPU3B / CZ-KPU3AW)			Nominal capacity		Dimension (indoor)		Weight (indoor)	Dimension (panel)		Weight (panel)	Indoor £	Panel 3/3B £	RRP Panel 3A £
			Cooling kW	Heating kW	H x W x D mm		kg	H x W x D mm		kg			
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	668	242	328
	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	1,011	242	328
	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	1,117	242	328
	14,0 kW	S-1014PU3E	14,0	16,0	319 x 840 x 840		25	33,5 x 950 x 950		5	1,117	242	329



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	1,001
	6,0 - 7,1 kW	S-6071PT3E	6,0 - 6,8	7,0 - 8,0	235 x 1275 x 690		34	1,276
	10,0 - 12,5 kW	S-1014PT3E	9,5 - 12,1	11,2 - 14,0	235 x 1590 x 690		40	1,606
	14,0 kW	S-1014PT3E	13,4	16,0	235 x 1590 x 690		40	1,606



Adaptive ducted unit - PF3			Nominal capacity		Dimension	Weight	External static pressure	RRP
			Cooling	Heating				
			kW	kW	H x W x D	kg	Nominal (Min - Max)	£
					mm		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)	1,002
	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)	1,245
	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)	1,597
	14,0 kW	S-1014PF3E	13,4	15,5	250 x 1400 x 730	39	50(10 - 150)	1,597

* The data shown in these tables are based on PACi NX Elite combinations. The 2,5 kW capacity is based on PACi NX Standard 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.aircon.panasonic.eu or www.ptc.panasonic.eu.

Commercial ventilation solutions

AHU connection kit PAH3M-1 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.



Reference	With PACi NX Elite			With PACi NX Standard			Dimension H x W x D mm	Weight kg	RRP £
	Nominal capacity	Cooling kW	Heating kW	Nominal capacity	Cooling kW	Heating kW			
2,5 kW PAW-280PAH3M-1	—	—	—	2,5	3,2	—	500 x 400 x 150	11,5	1,844
3,6 kW PAW-280PAH3M-1	3,6	3,6	3,6	3,6	3,6	3,6	500 x 400 x 150	11,5	
5,0 kW PAW-280PAH3M-1	5,0	5,0	5,0	5,0	5,0	5,0	500 x 400 x 150	11,5	
6,0 kW PAW-280PAH3M-1	6,0	6,0	6,0	6,0	6,0	6,0	500 x 400 x 150	11,5	
7,5 kW PAW-280PAH3M-1	7,1	7,5	7,5	7,1	7,1	7,1	500 x 400 x 150	11,5	
10,0 kW PAW-280PAH3M-1	10,0	10,8	10,8	10,0	10,0	10,0	500 x 400 x 150	11,5	
12,5 kW PAW-280PAH3M-1	12,5	13,5	13,5	12,5	12,5	12,5	500 x 400 x 150	11,5	
14,0 kW PAW-280PAH3M-1	14,0	15,5	15,5	14,0	14,0	14,0	500 x 400 x 150	11,5	
20,0 kW PAW-280PAH3M-1	19,0	22,4	22,4	—	—	—	500 x 400 x 150	11,5	
25,0 kW PAW-280PAH3M-1	22,0	24,0	24,0	—	—	—	500 x 400 x 150	11,5	

Piping information

Model	kW	2,5	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	1/4 - 1/2	3/8 - 1/2	3/8 - 1/2	3/8 - 1/2	3/8 - 1/2	1/2 - 3/4	1/2 - 3/4	1/2 - 3/4
Pipe length range (Standard)	m	3 ~ 15	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 ~ 60	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 100
Elevation difference (in / out)	m	15	30	30	30	30	30	30	30	30	30

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 £
1ph FY-3009U1	900	1100/920	76/70	231,5 x 900 x 212	12,0	809
FY-3012U1	1200	1400/1270	94/85	231,5 x 1200 x 212	14,5	906
FY-3015U1	1500	2000/1800	131/110	231,5 x 1500 x 212	18,0	1,061

Air curtain with DX 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	8,777
		PAW-15PAIRC-LS-1	9,7	12,0	2700	260 (+140) x 1500 x 460	65	10,236
		PAW-20PAIRC-LS-1	13,0	15,0	3600	260 (+140) x 2000 x 460	80	11,540
		PAW-25PAIRC-LS-1	17,0	19,0	4500	260 (+140) x 2500 x 460	95	12,929
	Air outlet height 3,0 m	PAW-10PAIRC-HS-1	9,1	11,8	2700	260 (+140) x 1000 x 460	55	9,147
		PAW-15PAIRC-HS-1	13,0	15,8	3600	260 (+140) x 1500 x 460	65	10,528
		PAW-20PAIRC-HS-1	19,5	23,6	5400	260 (+140) x 2000 x 460	85	12,051
		PAW-25PAIRC-HS-1	23,7	27,6	6300	260 (+140) x 2500 x 460	110	13,197

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-100
PAW-20PAIRC-HS-1	—	U-250	U-200	—	—	—
PAW-25PAIRC-HS-1	—	U-250	U-200	—	—	—

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.

Commercial ventilation solutions

Ceiling mounted air-e nanoe™ X Generator

nanoe™ X (Generator Mark 1).

Silent operation.

Low power consumption.

nanoe™ X



Reference	Air flow	Consumption	Sound pressure	Dimension		Net weight	RRP
				Panel	Hole size		
	m³/h	W	dB(A)	mm	mm	kg	£
1ph FV-15CSD1G	16	4	25,5	Ø200	Ø145	1,1	363

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™

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.

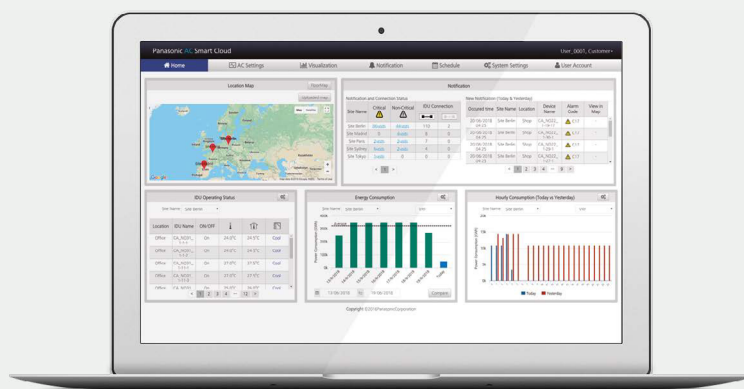
The nanoe™ X performance varies depending on the room size, environment and usage. nanoe™ X is not a medical device.



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.

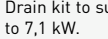
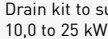
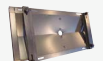


Roles and permission.
Easily configure different access roles for each user.



Security.
Highly secure communication and compliant with GDPR.

+ DETAILED REFERENCES IS IN PAGE 65

Drain kits			RRP £
	Drain kit to suit outdoor units from 3,6 to 7,1 kW.	CZ-50DRS1	23
	Drain kit to suit outdoor units from 10,0 to 25 kW.	CZ-140DRS1	30
Branch Pipes, Header			RRP £
	Branch pipe.	CZ-P224BK2BM	109
	Branch pipe (from 22,4 kW to 68 kW).	CZ-P680BK2BM	179
	Header.	CZ-P3HPC2BM	153
Outdoor accessories			RRP £
	Tray for condenser water compatible with outdoor elevation platform.	PAW-WTRAY	158
	Outdoor elevation platform. Dimension (HxWxD): 400x900x400 mm	PAW-GRDSTD40	158
	Outdoor base ground support for noise and vibration absorption. Dimension (HxWxD): 600x95x130 mm Safe working load: 500 kg	PAW-GRDBSE20	145
Panels			RRP £
	Panel for 4 way 60x60 cassette - PY3.	CZ-KPY4	266
	Standard panel for 4 way 90x90 cassette, white (RAL9003).	CZ-KPU3W	242
	Econavi panel for 4 way 90x90 cassette, white (RAL9003).	CZ-KPU3AW	328
	Standard panel for 4 way 90x90 cassette, graphite black (RAL9011).	CZ-KPU3B	242
Sensors			RRP £
	Econavi energy saving sensor.	CZ-CENSC1	179
	Remote temperature sensor.	CZ-CSRC3	129
	Cassette fresh air-intake kit.	CZ-FDU3+CZ-ATU2	
IAQ filter for adaptive ducted unit			RRP £
	BION air pollutant filter for S-3650PF3E.	PAW-APF800F	TBC
* Tentative image.	BION air pollutant filter for S-6071PF3E.	PAW-APF1000F	TBC
	BION air pollutant filter for S-1014PF3E.	PAW-APF1400F	TBC
Plenums			RRP £
	Air outlet plenum for S-3650PF3E.	CZ-56DAF2	203
	Air outlet plenum for S-6071PF3E.	CZ-90DAF2	249
	Air outlet plenum for S-1014PF3E.	CZ-160DAF2	286

VRF Smart Connectivity+			RRP £
	Remote controller Panasonic Net Con, RH, No PIR, R1/R2.	SER8150R0B1194	608
	Remote controller Panasonic Net Con, RH, PIR, R1/R2.	SER8150R5B1194	648
	Wireless ZigBee® Pro module / Green Com card.	VCM8000V5094P	220
	Door / window wireless sensor.	SED-WDC-G-5045	250
	Wall / ceiling (motion) wireless sensor.	SED-MTH-G-5045	305
	CO ₂ sensor.	SED-CO2-G-5045	784
	Sensor with room temperature and humidity.	SED-TRH-G-5045	247
	Water leakage sensor.	SED-WLS-G-5045	240
	Cover frame. Silver.	FAS-00	51
	Cover frame. White.	FAS-01	51
	Cover frame. Glossy translucent white.	FAS-03	91
	Cover frame. Light tan wood.	FAS-05	71
	Cover frame. Dark brown wood.	FAS-06	71
	Cover frame. Dark black wood.	FAS-07	71
	Cover frame. Brushed steel finish.	FAS-10	91
Controller and touch controllers for hotels with dry contacts			RRP £
	Modbus RS-485 touch room controller with I/O, white.	PAW-RE2C4-MOD-WH	523
	Touch display control with 2 digital inputs, white.	PAW-RE2D4-WH	319
	Modbus RS-485 touch room controller with I/O, black.	PAW-RE2C4-MOD-BK	523
	Touch display control with 2 digital inputs, black.	PAW-RE2D4-BK	319
Hotel sensors for dry contacts			RRP £
	Wall motion sensor 24 V.	PAW-WMS-DC	220
	Wall motion sensor 240 V AC.	PAW-WMS-AC	220
	Ceiling motion sensor 24 V.	PAW-CMS-DC	220
	Ceiling motion sensor 240 V AC.	PAW-CMS-AC	220
	Power supply 24 V.	PAW-24DC	71
	Door or window contact.	PAW-DWC	24

Centralised controls			RRP £
	System controller for 64 indoor units with weekly timer.	CZ-64ESMC3	897
	Central ON / OFF controller, up to 16 groups, 64 indoor units.	CZ-ANC3	608
	Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR).	CZ-256ESMC3	3,359
Panasonic AC Smart Cloud 			RRP £
	Panasonic AC Smart Cloud. Cloud internet control. Up to 128 groups. Controls 128 units.	CZ-CFUSCC1	508
Detailed references is in page 65.			
BMS interface with S-Link			RRP £
	A unified interface supporting Modbus, BACnet, and KNX protocols for up to 16 indoor units.	PAW-AC2-BMS-16	2,620
	A unified interface supporting Modbus, BACnet, and KNX protocols for up to 64 indoor units.	PAW-AC2-BMS-64	3,760
	A unified interface supporting Modbus, BACnet, and KNX protocols for up to 128 indoor units.	PAW-AC2-BMS-128	5,034
Accessories interfaces			RRP £
	Commercial Wi-Fi Adaptor.	CZ-CAPWFC2	207
	KNX interface (Intesis).	PAW-RC2-KNX-1i	408
	Modbus RTU interface (Intesis).	PAW-RC2-MBS-1	408
	Modbus RTU interface to control 4 indoor/groups (Intesis).	PAW-RC2-MBS-4	944
	BACnet IP and MSTP interface (Intesis).	PAW-RC2-BAC-1	674
	KNX interface (Airzone).	PAW-AZRC-KNX-1	348
	Modbus RTU interface (Airzone).	PAW-AZRC-MBS-1	348
	BACnet IP and MSTP interface (Airzone).	PAW-AZRC-BAC-1	634
	RAC interface adapter for integration into S-Link, plus external input and alarm/status output (for YKEA-1 units).	CZ-CAPRA1	194
Centralised controls. Connection with general equipment			RRP £
	Adaptor for ON / OFF control of external devices.	CZ-CAPC3	387
	Mini series parallel device controlling indoor units, maximum 1 group and 8 indoor unit.	CZ-CAPBC2	324
	Communication Adaptor. Up to 128 groups. Controls 128 units.	CZ-CFUNC2	1,413

Individual controls			RRP £
	CONEX wired remote controller (non-wireless), white.	CZ-RTC6W	172
	CONEX wired remote controller with Bluetooth®, white.	CZ-RTC6WBL	286
	CONEX wired remote controller with Wi-Fi and Bluetooth®, white.	CZ-RTC6WBLW2	286
	CONEX wired remote controller (non-wireless), black.	CZ-RTC6	172
	CONEX wired remote controller with Bluetooth®, black.	CZ-RTC6BL	286
	CONEX wired remote controller with Wi-Fi and Bluetooth®, black.	CZ-RTC6BLW2	286
	Design wired remote controller with Econavi function.	CZ-RTC5B	172
	Infrared remote controller for wall-mounted.	CZ-RWS3	129
	Infrared remote controller and receiver for 4 way 60x60 cassette - PY3 with panel.	CZ-RWS3 + CZ-RWRY3	256
	Infrared remote controller and receiver for 4 way 90x90 cassette.	CZ-RWS3 + CZ-RWRU3W	328
	Infrared remote controller and receiver for ceiling.	CZ-RWS3 + CZ-RWRT3	328
	Infrared remote controller and receiver for all indoor units.	CZ-RWS3 + CZ-RWRC3	328
Accessories PCB			RRP £
	T10 interface PCB with digital and relay connections.	PAW-T10	120
	PCB for server room application, control up to 4 indoor unit groups, redundancy, backup, etc.	PAW-PACR4	2,044
	Connector to PACI NX indoor unit's PCB to provide OPT functions.	PAW-OPT-NX	32
	Redundancy of 2 units YKEA-1. SG Ready.	PAW-SERVER-PKEA-1	282
Accessories cables			RRP £
	Cable for all the T10 functions.	CZ-T10	59
	Cable to operate external EC fan.	PAW-FDC	59
	Cable for all option monitoring signals.	PAW-OCT	59
	Cable with force thermo OFF/leakage detection.	PAW-EXCT	59
Accessories for Jet Air Stream			RRP £
	Touch panel controller with Modbus integration and group control up to 8 units.	PCZ-AHRX0012	466
	Recessed mounting box for controller.	PCZ-AHRP0681	57
	Ducted air intake plenum (1 x DN 355 mm) for VTVF140N and VTVF140P.	PCZ-AHRX0051	318
	Ducted air intake plenum (2 x DN 355 mm) for VTVF250N and VTVF250P.	PCZ-AHRX0052	522
	Ground air intake module (VTVF250 requires two of them).	PCZ-AHRX0061	979
	Air supply grille for ducts.	PCZ-AHRX0071	178



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.

ECO*i* EX / **ECO*i*** / **ECO G**



New **2025****2-Pipe ECOi EX MZ1 Series R32.****Extreme efficiency, quality, compact.**

With advanced R32 refrigerant technology and optimised system design, this series offers a more sustainable solution compared to R410A.

- Compact outdoor unit with a significant 43% ¹⁾ footprint reduction, delivering high seasonal efficiency, reliable quality, and R32 standard compliance
- The series uses 57% ²⁾ less R32 refrigerant than R410A, minimizing the need for extra safety measures
- Extensive R32 Range with all air-to-air indoor units equipped with nanoe™ X, along with ERVs, AHU connection kits, and a hydronic module option for heating and hot water production
- A wide range of connectivity options, including stand-alone, central, and remote monitoring, with BMS integration for seamless operation

1) 12 HP model compared to the equivalent conventional R410A ECOi EX ME2.

2) Panasonic's internal research. 12 HP model with 30 m piping installation.

ERV with DX coil - HRPT Series.

- Dual flow ventilation with EC fan, featuring high efficiency heat recovery (>85% η)
- 2 types of polypropylene heat exchanger (high efficiency and sensible) with counter-current flows and integrated bypass as standard
- Modbus connection available

BION air pollutant filter.

IAQ solution filtering certain types of pollutants, such as nitrogen dioxide (NO₂), nitrogen oxides (NO_x) and ozone (O₃). Designed for the F3 type adaptive duct.

Mini ECOi LZ2 Series R32.

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 R32 safety measures and Pump Down System available

1) 4 HP model.

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

- VRF ECOi EX Series: A game-changing VRF system delivering outstanding energy-saving performance. Available in 2-Pipe (8 - 80 HP) and 3-Pipe (8 - 48 HP) system
- Gas driven VRF, ECO G Series: For the project location with lack of electricity. Available in 2-Pipe (16 - 60 HP) and 3-Pipe (16 - 25 HP) system
- Hybrid GHP/EHP taking advantage of gas and electricity to achieve better energy savings

Air to air indoor units with nanoe™ X.

- For better indoor air quality
- 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 m³ [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. Maximum hot water outlet temperature 45 °C with ECOi EX and 55 °C with ECO G
- Hydrokit for the medium water temperature application. Maximum hot water temperature 45 °C

VRF outdoor units range

Page	Outdoor units	4 HP	5 HP	6 HP	8 HP	10 HP	12 HP
P. 46	R32 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. 49	R32 NEW 2-Pipe ECOi EX MZ1 Series · R32				 U-8MZ1E8	 U-10MZ1E8	 U-12MZ1E8
P. 51	2-Pipe ECOi EX ME2 Series · R410A				 U-8ME2E8	 U-10ME2E8	 U-12ME2E8
P. 53	3-Pipe ECOi EX MF3 Series · R410A				 U-8MF3E8	 U-10MF3E8	 U-12MF3E8
P. 55	2-Pipe ECO G GE3 Series · R410A						
P. 55	3-Pipe ECO G GF3 Series · R410A						
P. 55	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

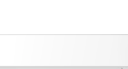


U-25GF3E5



U-20GES3E5 / U-10MES2E8

ECOi and ECO G indoor units range

Page	Indoor units	1,0 kW	1,5 kW	2,2 kW	2,8 kW	3,6 kW	4,5 kW	5,6 kW
P. 56	U2 type 4 way 90x90 cassette · R32 / R410A			 S-22MU2E5C	 S-28MU2E5C	 S-36MU2E5C	 S-45MU2E5C	 S-56MU2E5C
P. 56	Y3 type 4 way 60x60 cassette · R32 / R410A		 S-15MY3EB	 S-22MY3EB	 S-28MY3EB	 S-36MY3EB	 S-45MY3EB	 S-56MY3EB
P. 57	L1 type 2 way cassette · R410A			 S-22ML1E5	 S-28ML1E5	 S-36ML1E5	 S-45ML1E5	 S-56ML1E5
P. 57	D1 type 1 way cassette · R410A				 S-28MD1E5	 S-36MD1E5	 S-45MD1E5	 S-56MD1E5
P. 58	F3 type variable static pressure adaptive duct · R32 / R410A		 S-15MF3E5D	 S-22MF3E5D	 S-28MF3E5D	 S-36MF3E5D	 S-45MF3E5D	 S-56MF3E5D
P. 58	NEW M2 type slim variable static pressure hide-away · R32 / R410A	 S-10MM2EB	 S-15MM2EB	 S-22MM2EB	 S-28MM2EB	 S-36MM2EB	 S-45MM2EB	 S-56MM2EB
P. 58	E2 type high static pressure hide-away · R410A							
P. 59	T2 type ceiling · R410A					 S-36MT2E5A	 S-45MT2E5A	 S-56MT2E5A
P. 59	NEW K3 type wall-mounted · R32 / R410A		 S-15MK3E	 S-22MK3E	 S-28MK3E	 S-36MK3E	 S-45MK3E	 S-56MK3E
P. 60	G1 type floor console · R410A			 S-22MG1E5N	 S-28MG1E5N	 S-36MG1E5N	 S-45MG1E5N	 S-56MG1E5N
P. 60	P1 type floor-standing · R410A			 S-22MP1E5	 S-28MP1E5	 S-36MP1E5	 S-45MP1E5	 S-56MP1E5
P. 60	R1 type concealed floor-standing · R410A			 S-22MR1E5	 S-28MR1E5	 S-36MR1E5	 S-45MR1E5	 S-56MR1E5
P. 61	Hydrokit for ECOi, water at 45 °C · R410A							
P. 61	Energy recovery ventilation with DX coil - HRPT Series · R32 / R410A			 PAW-HRPT40HX PAW-HRPT40 (2,5 kW)				 PAW-HRPT80HX PAW-HRPT80 (5 kW)

+ OPTIONAL UNITS ON VENTILATION SECTION

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-60MU2E5C



S-73MU2E5C



S-90MU2E5C



S-106MU2E5C



S-112MU2E5C



S-140MU2E5C



S-160MU2E5C

A new panel in graphite black (RAL9011) is available.



S-73ML1E5



S-73MD1E5



S-60MF3E5D



S-73MF3E5D



S-90MF3E5D



S-112MF3E5D



S-140MF3E5D



S-160MF3E5D



S-224ME2E5



S-280ME2E5



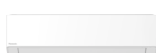
S-73MT2E5A



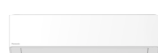
S-106MT2E5A



S-140MT2E5A



S-73MK3E



S-106MK3E



S-71MP1E5



S-71MR1E5



S-80MW1E5



S-125MW1E5

PAW-HRPT120HX
PAW-HRPT120 (7 kW)PAW-HRPT160HX
PAW-HRPT160 (10 kW)PAW-HRPT200HX
PAW-HRPT200 (12,5 kW)

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.

R32



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⁾ / $\eta_{s,h}$			
1ph	4 HP U-4LZ2E5	12,1	12,5	8,50 / 337,0%	5,05 / 199,0%	996 x 980 x 370	94	4,418
	5 HP U-5LZ2E5	14,0	16,0	8,12 / 321,8%	4,61 / 181,4%	996 x 980 x 370	94	4,734
	6 HP U-6LZ2E5	15,5	16,5	7,71 / 305,4%	4,59 / 180,6%	996 x 980 x 370	94	5,247
3ph	4 HP U-4LZ2E8	12,1	12,5	8,50 / 337,0%	5,05 / 199,0%	996 x 980 x 370	94	4,731
	5 HP U-5LZ2E8	14,0	16,0	8,12 / 321,8%	4,61 / 181,4%	996 x 980 x 370	94	5,350
	6 HP U-6LZ2E8	15,5	16,5	7,71 / 305,4%	4,59 / 180,6%	996 x 980 x 370	94	5,760

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)

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. 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.

R32



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-8LZ2E8	22,4	25,0	7,56 / 299,4%	4,59 / 180,6%	1500 x 980 x 370	125	7,504
	10 HP U-10LZ2E8	28,0	28,0	7,08 / 280,2%	4,60 / 181,0%	1500 x 980 x 370	126	8,229

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)

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. 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.

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-CGLSC2 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	
CZ-CGLSC2	Leak detector designed for 4 way 90x90 cassettes, 4 way 60x60 cassettes, and wall-mounted units.	

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	4,167
	5 HP	U-5LE2E5	14,0	16,0	7,48 / 296,2%	4,40 / 172,9%	996 x 980 x 370	106	4,465
	6 HP	U-6LE2E5	15,5	16,5	7,25 / 286,8%	4,24 / 166,7%	996 x 980 x 370	106	4,950
3ph	4 HP	U-4LE2E8	12,1	12,5	7,85 / 311,0%	4,87 / 191,8%	996 x 980 x 370	106	4,462
	5 HP	U-5LE2E8	14,0	16,0	7,48 / 296,2%	4,40 / 172,9%	996 x 980 x 370	106	5,047
	6 HP	U-6LE2E8	15,5	16,5	7,25 / 286,8%	4,24 / 166,7%	996 x 980 x 370	106	5,432

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	25	32	32	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. 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 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-8LE1E8	22,4	25,0	6,27 / 247,9%	4,24 / 166,4%	1500 x 980 x 370	132	7,078
	10 HP	U-10LE1E8	28,0	28,0	6,37 / 251,8%	4,31 / 169,5%	1500 x 980 x 370	133	7,762

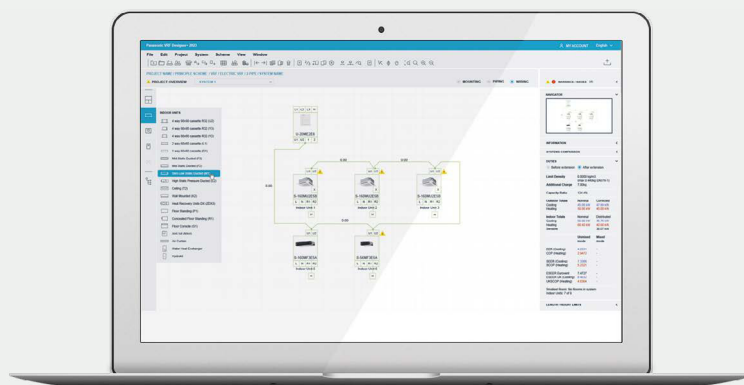
Piping information				
Outdoor unit	HP	8	10	
Piping diameter (liquid - gas)	Inch	3/8 ³⁾ / 1/2 ⁴⁾ - 3/4 ³⁾ / 7/8 ⁴⁾	3/8 ³⁾ / 1/2 ⁴⁾ - 7/8 ³⁾ / 1 ⁴⁾	
Maximum piping length (total)	m	7,5 ~ 150 (7,5 ~ 300)	7,5 ~ 150 (7,5 ~ 300)	
Elevation difference (in / out)	m	50 (OU above) / 40 (OU below)	50 (OU above) / 40 (OU below)	

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

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. 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.

Panasonic DX PRO Designer.

The Panasonic DX PRO Designer, rebuilt with an improved user experience. The 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.



New generation of 2-Pipe ECOi EX MZ1 Series R32

Extreme efficiency, quality, compact.

Panasonic provides safety measure compliant with the latest standards, as required based on R32 refrigerant density under specific project conditions. Everything necessary for R32 refrigerant safety is prepared by Panasonic.



Reliable quality - R32 standard-compliant ¹⁾.

$\eta_{s,c}$ $\eta_{s,h}$
310,1% ²⁾ 172,4% ²⁾

High seasonal efficiency.



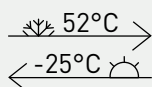
More sustainable solution ³⁾.



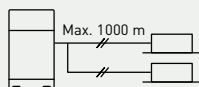
Saving installation space.



Silent mode, maintaining high capacity.



Extended operation range.



Flexible piping installation.



Maximum indoor / outdoor capacity ratio 200%.



Saving installation cost.

1) Panasonic's R32 safety measures comply with IEC 60335-2-40 [ed. 7.0] and EN 378 (ISO 5149). 2) U-10MZ1E8. 3) Compared to R410A systems.

Extensive R32 range to meet any project requirements.

- All air to air indoor units are equipped with nanoe™ X for improved indoor air quality
- Hydronic modules options enable the production of heating / hot water
- A range of ventilations including ERVs and AHU connection kits
- A wide range of connectivity options, including stand-alone, central, and remote monitoring, with BMS integration for seamless operation



R32 safety measures by Panasonic.

Leak detector - CZ-CGLSC2.

Leak detector designed for 4 way 90x90 cassettes, 4 way 60x60 cassettes, and wall-mounted units.



Leak alarm - CZ-CGLALC1.

R32 refrigerant leak alarm designed for adaptive duct and slim duct units.



2-pipe safety valve kit - CZ-P1160SVK.

A 2-pipe safety valve manages the shutdown of only the area / zone experiencing a refrigerant leak, instead of shutting down the whole system.



External power supply - PAW-16DC-ALC1.

External 16 V power supply (EN 378 compliant), including a leak alarm for remote locations. The leak alarm can be deactivated.



VRF - ECOi EX Series R32

NEW 2-Pipe ECOi EX MZ1 Series · R32

Extreme efficiency, quality, compact.

Advanced R32 refrigerant technology and optimised system design.

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

R32

New 2025



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-8MZ1E8	22,4	25,0	7,27 / 288,0%	4,35 / 171,0%	1660 x 880 x 765	203	9,283
	10 HP U-10MZ1E8	28,0	31,5	7,82 / 310,1%	4,38 / 172,4%	1660 x 880 x 765	203	9,964
	12 HP U-12MZ1E8	33,5	37,5	7,37 / 292,1%	4,33 / 170,3%	1660 x 880 x 765	206	11,940

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

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

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. 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.

NEW 2-Pipe ECOi EX MZ1 Series combination from 16 to 48 HP · R32

R32

New 2025



Outdoor unit		Nominal capacity		SEER ²⁾ / $\eta_{s,c}$	SCOP ²⁾ / $\eta_{s,h}$	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
3ph	16 HP U-8MZ1E8 + U-8MZ1E8	44,8	50,0	7,24 / 286,8%	4,32 / 169,8%	1660 x 1760 (+60) x 765	406	18,566
	18 HP U-8MZ1E8 + U-10MZ1E8	50,4	56,5	7,56 / 299,6%	4,33 / 170,3%	1660 x 1760 (+60) x 765	406	19,247
	20 HP U-8MZ1E8 + U-12MZ1E8	55,9	62,5	7,29 / 288,9%	4,29 / 168,8%	1660 x 1760 (+60) x 765	409	21,223
	20 HP U-10MZ1E8 + U-10MZ1E8	56,0	63,0	7,82 / 310,1%	4,38 / 172,2%	1660 x 1760 (+60) x 765	406	19,928
	22 HP U-10MZ1E8 + U-12MZ1E8	61,5	69,0	7,55 / 299,1%	4,34 / 170,7%	1660 x 1760 (+60) x 765	409	21,904
	24 HP U-12MZ1E8 + U-12MZ1E8	67,0	75,0	7,33 / 290,2%	4,33 / 170,2%	1660 x 1760 (+60) x 765	412	23,880
	24 HP U-8MZ1E8 + U-8MZ1E8 + U-8MZ1E8	67,2	75,0	7,24 / 286,8%	4,32 / 169,8%	1660 x 2640 (+120) x 765	609	27,849
	26 HP U-8MZ1E8 + U-8MZ1E8 + U-10MZ1E8	72,8	81,5	7,46 / 295,6%	4,31 / 169,5%	1660 x 2640 (+120) x 765	609	28,530
	28 HP U-8MZ1E8 + U-8MZ1E8 + U-12MZ1E8	78,3	87,5	7,23 / 286,3%	4,34 / 170,9%	1660 x 2640 (+120) x 765	612	30,506
	28 HP U-8MZ1E8 + U-10MZ1E8 + U-10MZ1E8	78,4	88,0	7,61 / 301,5%	4,35 / 171,2%	1660 x 2640 (+120) x 765	609	29,211
	30 HP U-8MZ1E8 + U-10MZ1E8 + U-12MZ1E8	83,9	94,0	7,45 / 295,1%	4,33 / 170,4%	1660 x 2640 (+120) x 765	612	31,187
	30 HP U-10MZ1E8 + U-10MZ1E8 + U-10MZ1E8	84,0	94,5	7,82 / 310,1%	4,38 / 172,4%	1660 x 2640 (+120) x 765	609	29,892
	32 HP U-8MZ1E8 + U-12MZ1E8 + U-12MZ1E8	89,4	100,0	7,26 / 287,4%	4,31 / 169,6%	1660 x 2640 (+120) x 765	615	33,163
	32 HP U-10MZ1E8 + U-10MZ1E8 + U-12MZ1E8	89,5	100,0	7,63 / 302,4%	4,38 / 172,2%	1660 x 2640 (+120) x 765	612	31,868
	32 HP U-8MZ1E8 + U-8MZ1E8 + U-8MZ1E8 + U-8MZ1E8	89,6	100,0	7,24 / 286,8%	4,32 / 169,8%	1660 x 3520 (+180) x 765	812	37,132
	34 HP U-10MZ1E8 + U-12MZ1E8 + U-12MZ1E8	95,0	106,0	7,47 / 295,9%	4,35 / 171,3%	1660 x 2640 (+120) x 765	615	33,844
	34 HP U-8MZ1E8 + U-8MZ1E8 + U-8MZ1E8 + U-10MZ1E8	95,2	106,0	7,37 / 291,8%	4,29 / 168,7%	1660 x 3520 (+180) x 765	812	37,813
	36 HP U-12MZ1E8 + U-12MZ1E8 + U-12MZ1E8	100,0	112,0	7,37 / 292,0%	4,33 / 170,3%	1660 x 2640 (+120) x 765	618	35,820
	36 HP U-8MZ1E8 + U-8MZ1E8 + U-10MZ1E8 + U-10MZ1E8	100,0	113,0	7,53 / 298,2%	4,33 / 170,3%	1660 x 3520 (+180) x 765	812	38,494
	36 HP U-8MZ1E8 + U-8MZ1E8 + U-8MZ1E8 + U-12MZ1E8	100,0	112,0	7,25 / 287,0%	4,32 / 170,1%	1660 x 3520 (+180) x 765	815	39,789
	38 HP U-8MZ1E8 + U-8MZ1E8 + U-10MZ1E8 + U-12MZ1E8	106,0	119,0	7,36 / 291,7%	4,31 / 169,6%	1660 x 3520 (+180) x 765	815	40,470
	38 HP U-10MZ1E8 + U-10MZ1E8 + U-10MZ1E8 + U-10MZ1E8	106,0	119,0	7,66 / 303,4%	4,36 / 171,4%	1660 x 3520 (+180) x 765	812	39,175
	40 HP U-8MZ1E8 + U-8MZ1E8 + U-12MZ1E8 + U-12MZ1E8	111,0	125,0	7,30 / 289,0%	4,29 / 168,8%	1660 x 3520 (+180) x 765	818	42,446
	40 HP U-10MZ1E8 + U-10MZ1E8 + U-10MZ1E8 + U-10MZ1E8	112,0	126,0	7,82 / 310,1%	4,38 / 172,2%	1660 x 3520 (+180) x 765	812	39,856
	40 HP U-8MZ1E8 + U-10MZ1E8 + U-10MZ1E8 + U-12MZ1E8	111,0	125,0	7,53 / 298,2%	4,34 / 170,6%	1660 x 3520 (+180) x 765	815	41,151
	42 HP U-8MZ1E8 + U-10MZ1E8 + U-12MZ1E8 + U-12MZ1E8	117,0	131,0	7,43 / 294,4%	4,35 / 171,0%	1660 x 3520 (+180) x 765	818	43,127
	42 HP U-10MZ1E8 + U-10MZ1E8 + U-10MZ1E8 + U-12MZ1E8	117,0	132,0	7,65 / 303,2%	4,36 / 171,6%	1660 x 3520 (+180) x 765	815	41,832
	44 HP U-8MZ1E8 + U-12MZ1E8 + U-12MZ1E8 + U-12MZ1E8	122,0	137,0	7,28 / 288,5%	4,33 / 170,3%	1660 x 3520 (+180) x 765	821	45,103
	44 HP U-10MZ1E8 + U-10MZ1E8 + U-12MZ1E8 + U-12MZ1E8	123,0	138,0	7,56 / 299,4%	4,34 / 170,7%	1660 x 3520 (+180) x 765	818	43,808
	46 HP U-10MZ1E8 + U-12MZ1E8 + U-12MZ1E8 + U-12MZ1E8	128,0	144,0	7,41 / 293,7%	4,35 / 171,2%	1660 x 3520 (+180) x 765	821	45,784
	48 HP U-12MZ1E8 + U-12MZ1E8 + U-12MZ1E8 + U-12MZ1E8	134,0	150,0	7,37 / 292,1%	4,33 / 170,3%	1660 x 3520 (+180) x 765	824	47,760

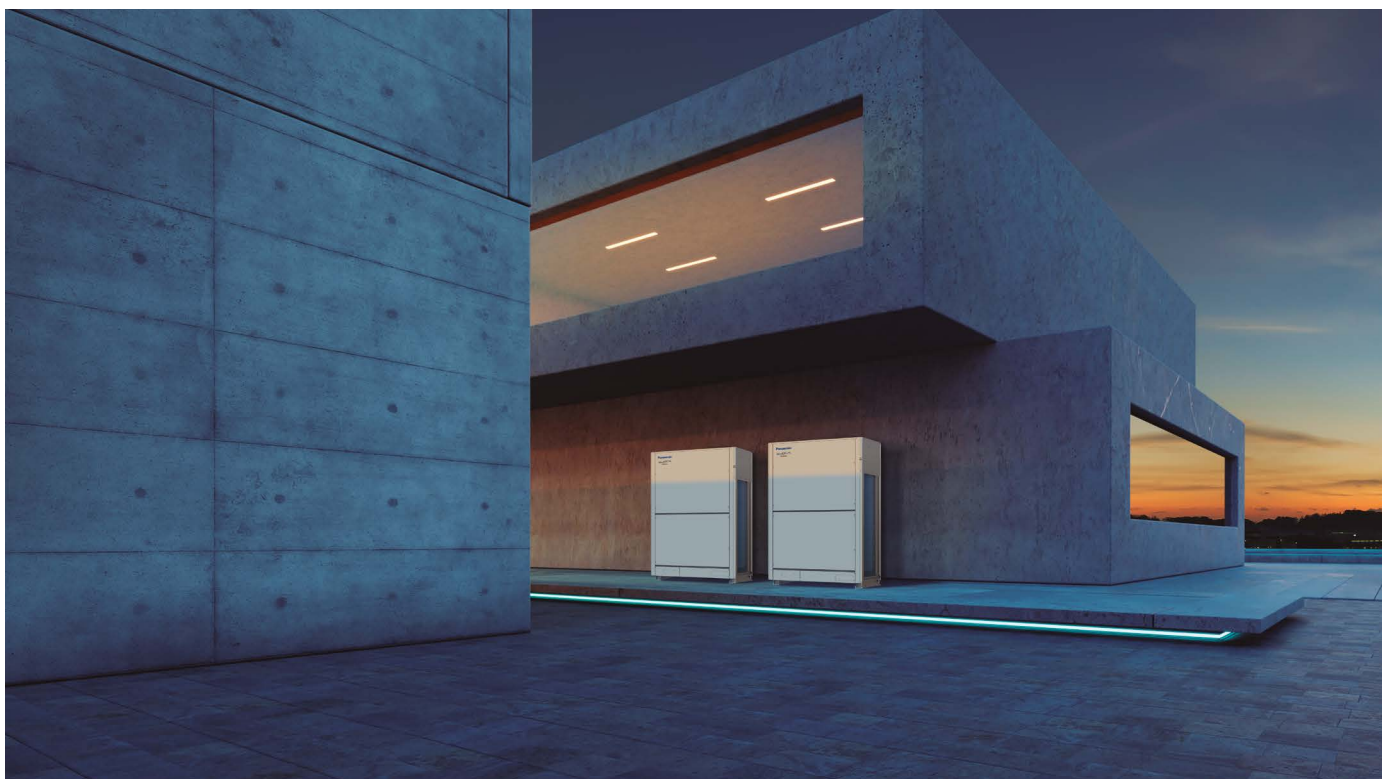
Piping information																
Outdoor unit	HP	16 HP	18 HP	20 HP	20 HP	22 HP	24 HP	24 HP	26 HP	28 HP	28 HP	30 HP	30 HP	32 HP	32 HP	34 HP
Piping diameter (liquid)	Inch	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	1/2 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4
Piping diameter (gas)	Inch	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8
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	34 HP	36 HP	36 HP	36 HP	38 HP	38 HP	40 HP	40 HP	40 HP	42 HP	42 HP	44 HP	44 HP	46 HP	48 HP
Piping diameter (liquid)	Inch	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4	5/8 / 3/4
Piping diameter (gas)	Inch	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8
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

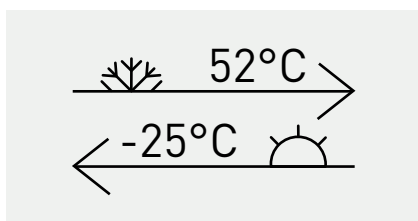
1) SEER / SCOP is calculated based on the seasonal space cooling / heating efficiency "η" values of the COMMISSION REGULATION (EU) 2016/2281. SEER, SCOP = (η + Correction) × PEF. SEER / SCOP and $\eta_{s,c}$ / $\eta_{s,h}$ are in accordance with ErP test data for U2 type 4 way 90x90 cassette indoor units.

ECOi EX Series R410A

VRF with outstanding energy-saving performance and powerful operation SEER 7,56 (2-Pipe 18 HP model).



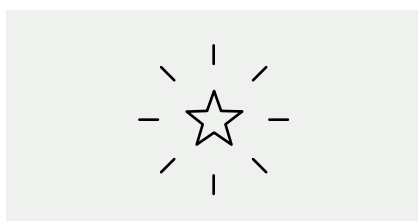
The ECOi EX Series delivers energy-saving performance, powerful operation, exceptional reliability, and comfort that surpasses anything previously possible.



High performance at extreme conditions.

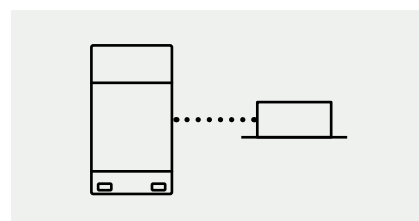
The units can operate at 100% of capacity at 43 °C, reaching a great cooling operation up to 52 °C and in heating to -25 °C*.

* Conditions of 2-Pipe ECOi EX ME2 Series.



Outstanding efficiency and comfort.

The ECOi EX system is designed to increase energy efficiency by delivering high SEER rating, as well as high efficiency for part-load operation.



Superior flexibility.

ECOi EX, the ideal air conditioning option for expansive buildings, such as train stations, airports, schools or hospitals.

VRF - ECOi EX Series R410A

2-Pipe ECOi EX ME2 Series · R410A

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	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-8ME2E8	22,4	25,0	7,43 / 294,3%	4,79 / 188,4%	1842 x 770 x 1000	210	9,022
	10 HP U-10ME2E8	28,0	31,5	6,96 / 275,4%	4,27 / 167,6%	1842 x 770 x 1000	210	9,685
	12 HP U-12ME2E8	33,5	37,5	6,74 / 266,6%	4,72 / 185,8%	1842 x 1180 x 1000	270	11,605
	14 HP U-14ME2E8	40,0	45,0	7,23 / 286,0%	4,28 / 168,2%	1842 x 1180 x 1000	315	13,074
	16 HP U-16ME2E8	45,0	50,0	6,43 / 254,3%	4,05 / 159,0%	1842 x 1180 x 1000	315	14,129
	18 HP U-18ME2E8	50,0	56,0	7,56 / 299,2%	4,29 / 168,7%	1842 x 1540 x 1000	375	16,227
	20 HP U-20ME2E8	56,0	63,0	7,03 / 278,2%	4,09 / 160,4%	1842 x 1540 x 1000	375	17,049

Piping information									Electrical information (power supply to indoor)								
Outdoor unit	HP	8	10	12	14	16	18	20	Three phase								
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	Outdoor unit	HP	8	10	12	14	16	18	20
Piping diameter (gas)	Inch	3/4 / 7/8	7/8 / 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	Recommended fuse	A	16	20	25	32	40	40	50
Piping diameter (balance)	Inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4									

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. 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 · R410A

High efficiency model combination from 18 to 64 HP



Outdoor unit		Nominal capacity		Dimension		Weight	RRP
		Cooling kW	Heating kW	H x W x D mm		kg	
3ph	18 HP U-8ME2E8 + U-10ME2E8	50,0	56,0	1842 x 1600 x 1000		420	9,022
	20 HP U-10ME2E8 + U-10ME2E8	56,0	63,0	1842 x 1600 x 1000		420	9,685
	22 HP U-10ME2E8 + U-12ME2E8	61,5	69,0	1842 x 2010 x 1000		480	11,605
	24 HP U-12ME2E8 + U-12ME2E8	68,0	76,5	1842 x 2420 x 1000		540	13,074
	26 HP U-10ME2E8 + U-16ME2E8	73,0	81,5	1842 x 2010 x 1000		535	14,129
	28 HP U-12ME2E8 + U-16ME2E8	78,5	87,5	1842 x 2420 x 1000		585	18,707
	30 HP U-14ME2E8 + U-16ME2E8	85,0	95,0	1842 x 2420 x 1000		630	19,370
	32 HP U-16ME2E8 + U-16ME2E8	90,0	100,0	1842 x 2420 x 1000		630	21,290
	34 HP U-10ME2E8 + U-12ME2E8 + U-12ME2E8	96,0	108,0	1842 x 3250 x 1000		750	23,210
	36 HP U-12ME2E8 + U-12ME2E8 + U-12ME2E8	101,0	113,0	1842 x 3660 x 1000		810	23,814
	38 HP U-10ME2E8 + U-12ME2E8 + U-16ME2E8	107,0	119,0	1842 x 3250 x 1000		795	25,734
	40 HP U-12ME2E8 + U-12ME2E8 + U-16ME2E8	113,0	127,0	1842 x 3660 x 1000		855	27,203
	42 HP U-10ME2E8 + U-16ME2E8 + U-16ME2E8	118,0	132,0	1842 x 3250 x 1000		840	28,258
	44 HP U-12ME2E8 + U-16ME2E8 + U-16ME2E8	124,0	138,0	1842 x 3660 x 1000		900	39,863
	46 HP U-14ME2E8 + U-16ME2E8 + U-16ME2E8	130,0	145,0	1842 x 3660 x 1000		945	41,332
	48 HP U-16ME2E8 + U-16ME2E8 + U-16ME2E8	135,0	150,0	1842 x 3660 x 1000		945	42,387
	50 HP U-10ME2E8 + U-12ME2E8 + U-12ME2E8 + U-16ME2E8	140,0	155,0	1842 x 4490 x 1000		1065	47,024
	52 HP U-12ME2E8 + U-12ME2E8 + U-12ME2E8 + U-16ME2E8	145,0	160,0	1842 x 4900 x 1000		1125	48,944
	54 HP U-10ME2E8 + U-12ME2E8 + U-16ME2E8 + U-16ME2E8	151,0	169,0	1842 x 4490 x 1000		1110	49,548
	56 HP U-12ME2E8 + U-12ME2E8 + U-16ME2E8 + U-16ME2E8	156,0	175,0	1842 x 4900 x 1000		1170	51,468
	58 HP U-10ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	162,0	182,0	1842 x 4490 x 1000		1155	52,072
	60 HP U-12ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	168,0	189,0	1842 x 4900 x 1000		1215	53,992
	62 HP U-14ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	174,0	195,0	1842 x 4900 x 1000		1260	55,461
	64 HP U-16ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	180,0	201,0	1842 x 4900 x 1000		1260	56,516

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 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8	1 3/8 / 1 3/8
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 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/2 / 1 3/4	1 3/4 / 1 3/4	1 3/4 / 1 3/4
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 R410A

2-Pipe ECOi EX ME2 Series · R410A

Space saving model combination from 22 to 80 HP



Outdoor unit		Nominal capacity		SEER ¹⁾	SCOP ¹⁾	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW					
3ph	22 HP U-10ME2E8 + U-12ME2E8	61,5	69,0	6,90	4,53	1842 x 2010 x 1000	480	21,290
	24 HP U-12ME2E8 + U-12ME2E8	68,0	76,5	6,86	4,78	1842 x 2420 x 1000	540	23,210
	26 HP U-10ME2E8 + U-16ME2E8	73,0	81,5	6,62	4,16	1842 x 2010 x 1000	525	23,814
	28 HP U-12ME2E8 + U-16ME2E8	78,5	87,5	6,60	4,29	1842 x 2420 x 1000	585	25,734
	30 HP U-14ME2E8 + U-16ME2E8	85,0	95,0	6,88	4,13	1842 x 2420 x 1000	630	27,203
	32 HP U-16ME2E8 + U-16ME2E8	90,0	100,0	6,55	4,09	1842 x 2420 x 1000	630	28,258
	34 HP U-14ME2E8 + U-20ME2E8	96,0	108,0	7,21	4,14	1842 x 2780 x 1000	690	30,123
	36 HP U-16ME2E8 + U-20ME2E8	101,0	113,0	6,86	4,06	1842 x 2780 x 1000	690	31,178
	38 HP U-18ME2E8 + U-20ME2E8	107,0	119,0	7,32	4,14	1842 x 3140 x 1000	750	33,276
	40 HP U-20ME2E8 + U-20ME2E8	113,0	127,0	7,16	4,13	1842 x 3140 x 1000	750	34,098
	42 HP U-10ME2E8 + U-16ME2E8 + U-16ME2E8	118,0	132,0	6,57	4,11	1842 x 3250 x 1000	840	37,943
	44 HP U-12ME2E8 + U-16ME2E8 + U-16ME2E8	124,0	138,0	6,60	4,21	1842 x 3660 x 1000	900	39,863
	46 HP U-14ME2E8 + U-16ME2E8 + U-16ME2E8	130,0	145,0	6,70	4,12	1842 x 3660 x 1000	945	41,332
	48 HP U-16ME2E8 + U-16ME2E8 + U-16ME2E8	135,0	150,0	6,55	4,09	1842 x 3660 x 1000	945	42,387
	50 HP U-14ME2E8 + U-16ME2E8 + U-20ME2E8	140,0	155,0	6,96	4,08	1842 x 4020 x 1000	1005	44,252
	52 HP U-16ME2E8 + U-16ME2E8 + U-20ME2E8	145,0	160,0	6,72	4,05	1842 x 4020 x 1000	1005	45,307
	54 HP U-14ME2E8 + U-20ME2E8 + U-20ME2E8	151,0	169,0	7,16	4,13	1842 x 4380 x 1000	1065	47,172
	56 HP U-16ME2E8 + U-20ME2E8 + U-20ME2E8	156,0	175,0	6,92	4,07	1842 x 4380 x 1000	1065	48,227
	58 HP U-18ME2E8 + U-20ME2E8 + U-20ME2E8	162,0	182,0	7,30	4,13	1842 x 4740 x 1000	1125	50,325
	60 HP U-20ME2E8 + U-20ME2E8 + U-20ME2E8	168,0	189,0	7,16	4,13	1842 x 4740 x 1000	1125	51,147
	62 HP U-14ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	174,0	195,0	6,68	4,11	1842 x 4900 x 1000	1260	55,461
	64 HP U-16ME2E8 + U-16ME2E8 + U-16ME2E8 + U-16ME2E8	180,0	201,0	6,55	4,09	1842 x 4900 x 1000	1260	56,516
	66 HP U-10ME2E8 + U-16ME2E8 + U-20ME2E8 + U-20ME2E8	185,0	207,0	6,92	4,11	1842 x 5210 x 1000	1275	57,912
	68 HP U-12ME2E8 + U-16ME2E8 + U-20ME2E8 + U-20ME2E8	190,0	213,0	6,91	4,17	1842 x 5620 x 1000	1335	59,832
	70 HP U-10ME2E8 + U-20ME2E8 + U-20ME2E8 + U-20ME2E8	196,0	219,0	7,09	4,13	1842 x 5570 x 1000	1335	60,832
	72 HP U-16ME2E8 + U-16ME2E8 + U-20ME2E8 + U-20ME2E8	202,0	226,0	6,86	4,06	1842 x 5620 x 1000	1380	62,356
	74 HP U-16ME2E8 + U-18ME2E8 + U-20ME2E8 + U-20ME2E8	208,0	233,0	7,03	4,12	1842 x 5980 x 1000	1440	64,454
	76 HP U-16ME2E8 + U-20ME2E8 + U-20ME2E8 + U-20ME2E8	213,0	239,0	7,01	4,07	1842 x 5980 x 1000	1440	65,276
	78 HP U-18ME2E8 + U-20ME2E8 + U-20ME2E8 + U-20ME2E8	219,0	245,0	7,18	4,13	1842 x 6340 x 1000	1500	67,374
	80 HP U-20ME2E8 + U-20ME2E8 + U-20ME2E8 + U-20ME2E8	224,0	252,0	7,16	4,13	1842 x 6340 x 1000	1500	68,196

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 1/4	1 1/8 / 1 1/4	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8 / 1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 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

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 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8 / 2 1/8	1 1/8 / 2 1/8	2 1/8	1 1/8 / 2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	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		
			Nominal capacity		Energy efficiency class at 35 °C ¹⁾	η _{s,h} (LOT21) ²⁾	Dimension / Weight (with pump)	Dimension / Weight	w pump	w/o pump	Outdoor		
			Cool kW	Heat kW			H x W x D	H x W x D					
							mm / kg	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	14,273	13,560	9,685
	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	15,095	14,341	17,049

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.

VRF - ECOi EX Series R410A

3-Pipe ECOi EX MF3 Series · R410A

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	9,144
	10 HP U-10MF3E8	28,0	31,5	7,05 / 278,9%	4,25 / 166,8%	1842 x 1180 x 1000	262	10,092
	12 HP U-12MF3E8	33,5	37,5	6,39 / 252,7%	4,27 / 167,8%	1842 x 1180 x 1000	286	11,662
	14 HP U-14MF3E8	40,0	45,0	6,69 / 264,4%	4,13 / 162,1%	1842 x 1180 x 1000	334	13,489
	16 HP U-16MF3E8	45,0	50,0	6,02 / 237,7%	3,81 / 149,3%	1842 x 1180 x 1000	334	15,501

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 1/8	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	20	25	25	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. 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 · R410A

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	19,236
	20 HP U-8MF3E8 + U-12MF3E8	56,0	63,0	1842 x 2360 (+60) x 1000	547	20,806
	22 HP U-10MF3E8 + U-12MF3E8	61,5	69,0	1842 x 2360 (+60) x 1000	548	21,754
	24 HP U-12MF3E8 + U-12MF3E8	68,0	76,5	1842 x 2360 (+60) x 1000	574	23,324
	26 HP U-10MF3E8 + U-16MF3E8	73,0	81,5	1842 x 2360 (+60) x 1000	596	25,593
	28 HP U-12MF3E8 + U-16MF3E8	78,5	87,5	1842 x 2360 (+60) x 1000	620	27,163
	30 HP U-14MF3E8 + U-16MF3E8	85,0	95,0	1842 x 2360 (+60) x 1000	668	28,990
	32 HP U-16MF3E8 + U-16MF3E8	90,0	100,0	1842 x 2360 (+60) x 1000	668	31,002
	34 HP U-8MF3E8 + U-10MF3E8 + U-16MF3E8	96,0	108,0	1842 x 3540 (+120) x 1000	857	34,737
	36 HP U-8MF3E8 + U-12MF3E8 + U-16MF3E8	101,0	113,0	1842 x 3540 (+120) x 1000	881	36,307
	38 HP U-10MF3E8 + U-12MF3E8 + U-16MF3E8	107,0	119,0	1842 x 3540 (+120) x 1000	882	37,255
	40 HP U-8MF3E8 + U-16MF3E8 + U-16MF3E8	113,0	127,0	1842 x 3540 (+120) x 1000	929	40,146
	42 HP U-10MF3E8 + U-16MF3E8 + U-16MF3E8	118,0	132,0	1842 x 3540 (+120) x 1000	930	41,094
	44 HP U-12MF3E8 + U-16MF3E8 + U-16MF3E8	124,0	138,0	1842 x 3540 (+120) x 1000	954	42,664
	46 HP U-14MF3E8 + U-16MF3E8 + U-16MF3E8	130,0	145,0	1842 x 3540 (+120) x 1000	1002	44,491
	48 HP U-16MF3E8 + U-16MF3E8 + U-16MF3E8	135,0	150,0	1842 x 3540 (+120) x 1000	1002	46,503

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 R410A

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		n _{s,c} (LOT21) ¹⁾	n _{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	37,890
	20 HP U-20GE3E5	56,0	63,0	219,30%	143,70%	2255 x 1650 x 1000	765	43,185
	25 HP U-25GE3E5	71,0	80,0	240,10%	146,90%	2255 x 2026 x 1000	870	46,137
	30 HP U-30GE3E5	85,0	95,0	229,30%	151,30%	2255 x 2026 x 1000	880	51,560

Piping information					
Outdoor unit	HP	16	20	25	30
Piping diameter (liquid - gas)	Inch	1/2 - 1/8	5/8 - 1/8	5/8 - 1/8	3/4 - 13/8
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)	75,780
	36 HP U-16GE3E5 + U-20GE3E5	101,0	113,0	2255 x 1650 + 100 + 1650 x 1000	1530 (765 + 765)	81,075
	40 HP U-20GE3E5 + U-20GE3E5	112,0	126,0	2255 x 1650 + 100 + 1650 x 1000	1530 (765 + 765)	86,370
	45 HP U-20GE3E5 + U-25GE3E5	127,0	143,0	2255 x 1650 + 100 + 2026 x 1000	1635 (765 + 870)	89,322
	50 HP U-25GE3E5 + U-25GE3E5	142,0	160,0	2255 x 2026 + 100 + 2026 x 1000	1740 (870 + 870)	92,274
	55 HP U-25GE3E5 + U-30GE3E5	156,0	175,0	2255 x 2026 + 100 + 2026 x 1000	1750 (870 + 880)	97,697
	60 HP U-30GE3E5 + U-30GE3E5	170,0	190,0	2255 x 2026 + 100 + 2026 x 1000	1760 (880 + 880)	103,120

Piping information								
Outdoor unit	HP	32	36	40	45	50	55	60
Piping diameter (liquid - gas)	Inch	3/4 - 1/8	3/4 - 1/8	3/4 - 1/8	3/4 - 1/8	3/4 - 1/8	7/8 - 1/8	7/8 - 1/8
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 65

Gas driven VRF - ECO G Series R410A

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	40,195
	20 HP U-20GF3E5	56,0	63,0	198,80%	140,20%	2255 x 1650 x 1000	775	44,662
	25 HP U-25GF3E5	71,0	80,0	204,90%	150,90%	2255 x 2026 x 1000	880	48,372

Piping information				
Outdoor unit	HP	16	20	25
Piping diameter (liquid - gas)	Inch	3/4 - 1 1/8	3/4 - 1 1/8	3/4 - 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)	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	45,002
3ph	10 HP Hybrid EHP U-10MES2E8	28,0	31,5	275,40%	167,60%	1842 x 770 x 1000	210	11,619

Piping information			
Outdoor unit	HP	20	10
Piping diameter (liquid - gas)	Inch	5/8 - 1 1/8	3/8 - 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	25

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 to 55 °C.
Chilled water outlet temperatures from -15 to +15 °C.



Hydrokit								Outdoor unit		RRP			
			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 H x W x D mm / kg	w pump	w/o pump	Outdoor	
			Cool kW	Heat kW									£
1ph	50 kW	PAW-500WP5G1	PAW-500W5G1	50,0	60,0	A+	130,00%	1000 x 575 x 1110 / 155 (165)	U-20GE3E5	2255 x 1650 x 1000 / 765	15,095	14,341	43,185
	71 kW	PAW-710WP5G1	PAW-710W5G1	67,0	80,0	—	128,00%	1000 x 575 x 1110 / 160 (175)	U-30GE3E5	2255 x 2026 x 1000 / 880	17,361	16,492	51,560

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

U2 type 4 way 90x90 cassette · R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

Advanced Econavi functions available (optional).

Panel (H x W x D / net weight): 33,5 x 950 x 950 mm / 5 kg.

Standard panel.
White (RAL9003): CZ-KPU3W
Graphite black (RAL9011): CZ-KPU3B

Econavi panel.
White (RAL9003): CZ-KPU3AW



Indoor unit			Nominal capacity		Dimension	Weight	RRP
			Cooling kW	Heating kW	H x W x D mm	kg	£
1ph	2,2 kW	S-22MU2E5C	2,2	2,5	256 x 840 x 840	20	1,432
	2,8 kW	S-28MU2E5C	2,8	3,2	256 x 840 x 840	20	1,464
	3,6 kW	S-36MU2E5C	3,6	4,2	256 x 840 x 840	20	1,506
	4,5 kW	S-45MU2E5C	4,5	5,0	256 x 840 x 840	20	1,591
	5,6 kW	S-56MU2E5C	5,6	6,3	256 x 840 x 840	20	1,670
	6,0 kW	S-60MU2E5C	6,0	7,1	256 x 840 x 840	20	1,697
	7,3 kW	S-73MU2E5C	7,3	8,0	256 x 840 x 840	20	1,728
	9,0 kW	S-90MU2E5C	9,0	10,0	256 x 840 x 840	20	1,883
	11,2 kW	S-112MU2E5C	11,2	14,0	319 x 840 x 840	25	2,023
	14,0 kW	S-140MU2E5C	14,0	16,0	319 x 840 x 840	25	2,262
	16,0 kW	S-160MU2E5C	16,0	18,0	319 x 840 x 840	25	2,449

Piping information

Indoor unit R32	kW	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	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	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

Y3 type 4 way 60x60 cassette · R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

Stylish and full flat panel.

Panel (H x W x D / net weight): 30 x 625 x 625 mm / 2,8 kg.



Indoor unit			Nominal capacity		Dimension	Weight	RRP
			Cooling kW	Heating kW	H x W x D mm	kg	£
1ph	1,5 kW	S-15MY3EB	1,5	1,7	243x575x575	15	1,347
	2,2 kW	S-22MY3EB	2,2	2,5	243x575x575	15	1,376
	2,8 kW	S-28MY3EB	2,8	3,2	243x575x575	15	1,408
	3,6 kW	S-36MY3EB	3,6	4,2	243x575x575	15	1,436
	4,5 kW	S-45MY3EB	4,5	5,0	243x575x575	15	1,532
	5,6 kW	S-56MY3EB	5,6	6,3	243x575x575	15	1,667

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

White and graphite black panels
now available for the 4 way 90x90
cassette, offering versatile options for
commercial applications.

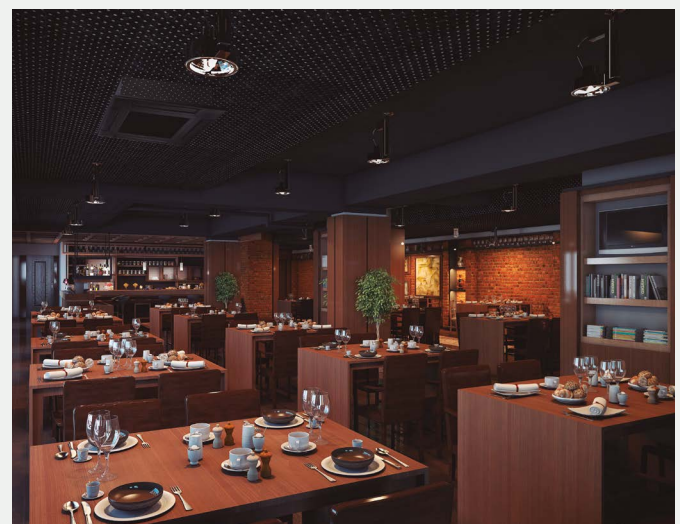


Standard panel,
white (RAL9003).
CZ-KPU3W



Standard panel,
graphite black (RAL9011).
CZ-KPU3B

Econavi panel,
white (RAL9003).
CZ-KPU3AW



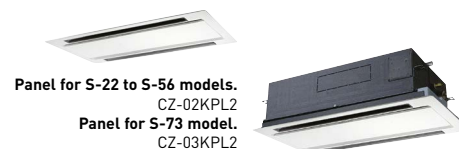
VRF Systems indoor units

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	Weight	RRP £
			Cooling kW	Heating kW	H x W x D mm	kg	
1ph	2,2 kW	S-22ML1E5	2,2	2,5	350 x 840 x 600	26	1,839
	2,8 kW	S-28ML1E5	2,8	3,2	350 x 840 x 600	26	1,869
	3,6 kW	S-36ML1E5	3,6	4,2	350 x 840 x 600	26	1,955
	4,5 kW	S-45ML1E5	4,5	5,0	350 x 840 x 600	26	2,190
	5,6 kW	S-56ML1E5	5,6	6,3	350 x 840 x 600	26	2,235
	7,3 kW	S-73ML1E5	7,3	8,0	350 x 1140 x 600	26	2,379

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

D1 type 1 way cassette - R410A

Suitable for standard and high ceilings.

Easy to installation and maintenance.

Panel (HxWxD / net weight): 20x1230x800 mm / 7,5 kg.



Indoor unit			Nominal capacity		Dimension	Weight	RRP
			Cooling	Heating	H x W x D		
			kW	kW	mm	kg	£
1ph	2,8 kW	S-28MD1E5	2,8	3,2	200 x 1000 x 710	23,5	1,986
	3,6 kW	S-36MD1E5	3,6	4,2	200 x 1000 x 710	23,5	2,074
	4,5 kW	S-45MD1E5	4,5	5,0	200 x 1000 x 710	23,5	2,139
	5,6 kW	S-56MD1E5	5,6	6,3	200 x 1000 x 710	23,5	2,178
	7,3 kW	S-73MD1E5	7,3	8,0	200 x 1000 x 710	24,5	2,373

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	

Bringing nature's balance indoors.

All R32 air to air indoor units are equipped with nanoe™ X (Generator Mark 3) for improved indoor air quality.

The nanoe™ X Generator Mark 3 produces the highest amount of hydroxyl radicals in nanoe™ history, generating 100 times more than traditional nanoe™. This increased concentration enhances nanoe™'s cleaning power, delivering superior performance.

nanoe™ X



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



Y3 type 4 way 60x60 cassette



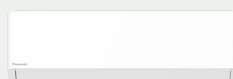
U2 type 4 way 90x90 cassette



F3 type variable static pressure adaptive duct



M2 type slim variable static pressure hide-away



K3 type wall-mounted

1) [Test organization] SGS Inc. [Test subject] Adhesive virus (bacteriophage) [Test volume] 139 m³ [Test result] Inhibited 99% in 4 hours [Device type] nanoe™ X Generator Mark 3, Internal unit: 4 way cassette.

VRF Systems indoor units

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.



Indoor unit			Nominal capacity		External static pressure	Dimension H x W x D mm	Weight kg	RRP £
			Cooling kW	Heating kW				
1ph	1,5 kW	S-15MF3E5D	1,5	1,7	30 [10-150]	250 x 800 x x 730	26	1,551
	2,2 kW	S-22MF3E5D	2,2	2,5	30 [10-150]	250 x 800 x x 730	26	1,596
	2,8 kW	S-28MF3E5D	2,8	3,2	30 [10-150]	250 x 800 x x 730	26	1,645
	3,6 kW	S-36MF3E5D	3,6	4,2	30 [10-150]	250 x 800 x x 730	26	1,701
	4,5 kW	S-45MF3E5D	4,5	5,0	30 [10-150]	250 x 800 x x 730	26	1,849
	5,6 kW	S-56MF3E5D	5,6	6,3	30 [10-150]	250 x 800 x x 730	26	1,962
	6,0 kW	S-60MF3E5D	6,0	7,1	30 [10-150]	250 x 1000 x x 730	31	2,036
	7,3 kW	S-73MF3E5D	7,3	8,0	30 [10-150]	250 x 1000 x x 730	31	2,089
	9,0 kW	S-90MF3E5D	9,0	10,0	40 [10-150]	250 x 1000 x x 730	31	2,147
	11,2 kW	S-112MF3E5D	11,2	12,5	50 [10-150]	250 x 1400 x x 730	40	2,296
	14,0 kW	S-140MF3E5D	14,0	16,0	50 [10-150]	250 x 1400 x x 730	40	2,488
	16,0 kW	S-160MF3E5D	16,0	18,0	50 [10-150]	250 x 1400 x x 730	40	2,626

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	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	⅜ - ⅝	⅜ - ⅝	⅜ - ⅝
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	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	¼ - ½	⅜ - ⅝	⅜ - ⅝	⅜ - ⅝	⅜ - ⅝	⅜ - ⅝	⅜ - ⅝

NEW M2 type slim variable static pressure hide-away concealed duct · R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

Ultra-slim profile: 200 mm for all capacities.

Ideal for hotel application with very narrow false ceilings.

New 2025

nanoe™ X



Indoor unit			Nominal capacity		External static pressure	Dimension	Weight	RRP
			Cooling	Heating				
			kW	kW	Pa	mm	kg	£
1ph	1,0 kW	S-10MM2EB	1,0	1,3	10 (30)	200 x 700 x 450	17	1,050
	1,5 kW	S-15MM2EB	1,5	1,7	10 (30)	200 x 700 x 450	17	1,050
	2,2 kW	S-22MM2EB	2,2	2,5	10 (30)	200 x 700 x 450	17	1,061
	2,8 kW	S-28MM2EB	2,8	3,2	15 (30)	200 x 700 x 450	17	1,094
	3,6 kW	S-36MM2EB	3,6	4,2	15 (40)	200 x 700 x 450	17	1,139
	4,5 kW	S-45MM2EB	4,5	5,0	15 (40)	200 x 900 x 450	19	1,186
	5,6 kW	S-56MM2EB	5,6	6,3	15 (40)	200 x 900 x 450	19	1,242

Piping information								
Indoor unit	kW	1,0	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	1/4 - 1/2

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				RRP	
			Nominal capacity		External static pressure Pa	Nominal capacity		External static pressure Pa	Dimension H x W x D mm	Weight kg	£
			Cooling kW	Heating kW		Cooling kW	Heating kW				
1ph	22,4 kW	S-224ME2E5	22,4	21,2	200	22,4	25,0	140 [60 - 270] ¹⁾	479 x 1453 x 1205	102	5,937
	28,0 kW	S-280ME2E5	28,0	26,5	200	28,0	31,5	140 [72 - 270] ¹⁾	479 x 1453 x 1205	106	6,379

Piping information									
Indoor unit	kW	22,4	28,0						
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 6F3.

VRF Systems indoor units

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 H x W x D mm	Weight kg	RRP £
	Cooling kW	Heating kW			
1ph	3,6 kW S-36MT2E5A	4,2	235 x 960 x 690	27	1,545
	4,5 kW S-45MT2E5A	5,0	235 x 960 x 690	27	1,624
	5,6 kW S-56MT2E5A	6,3	235 x 960 x 690	27	1,703
	7,3 kW S-73MT2E5A	8,0	235 x 1275 x 690	33	1,776
	10,6 kW S-106MT2E5A	11,4	235 x 1590 x 690	40	2,164
	14,0 kW S-140MT2E5A	16,0	235 x 1590 x 690	40	2,473

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		

NEW K3 type wall-mounted · R32 / R410A

Upgraded nanoe™ X (Generator Mark 3).

Modern, flat design with a stylish matte white finish.

Improved fan serviceability.

New 2025

nanoe™ X



Indoor unit	Nominal capacity		Dimension H x W x D mm	Weight kg	RRP £
	Cooling kW	Heating kW			
1ph	1,5 kW S-15MK3E	1,7	295 x 890 x 244	12	803
	2,2 kW S-22MK3E	2,5	295 x 890 x 244	12	831
	2,8 kW S-28MK3E	3,2	295 x 890 x 244	12	830
	3,6 kW S-36MK3E	4,2	295 x 890 x 244	12	871
	4,5 kW S-45MK3E	5,0	295 x 890 x 244	12	999
	5,6 kW S-56MK3E	6,3	295 x 1060 x 249	14	1,051
	7,3 kW S-73MK3E	8,0	295 x 1060 x 249	14	1,234
	10,6 kW S-106MK3E	10,6	295 x 1060 x 249	14	1,266

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

New K3 type wall-mounted · R32 / R410A.

The K3 wall-mounted unit features the upgraded nanoe™ X (Generator Mark 3) for enhanced air purification. Its modern, flat design with a stylish matte white finish complements any interior, while improved fan serviceability ensures effortless maintenance.



VRF Systems indoor units

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	Weight	RRP
		Cooling kW	Heating kW	H x W x D mm	kg	
1ph	2,2 kW S-22MG1E5N	2,2	2,5	600 x 750 x 207	14	1,576
	2,8 kW S-28MG1E5N	2,8	3,2	600 x 750 x 207	14	1,656
	3,6 kW S-36MG1E5N	3,6	4,2	600 x 750 x 207	14	1,742
	4,5 kW S-45MG1E5N	4,5	5,0	600 x 750 x 207	14	1,839
	5,6 kW S-56MG1E5N	5,6	6,3	600 x 750 x 207	14	1,978

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	Weight	RRP
		Cooling kW	Heating kW	H x W x D mm	kg	
1ph	2,2 kW S-22MP1E5	2,2	2,5	615 x 1065 x 230	29	1,574
	2,8 kW S-28MP1E5	2,8	3,2	615 x 1065 x 230	29	1,577
	3,6 kW S-36MP1E5	3,6	4,2	615 x 1065 x 230	29	1,615
	4,5 kW S-45MP1E5	4,5	5,0	615 x 1380 x 230	39	1,836
	5,6 kW S-56MP1E5	5,6	6,3	615 x 1380 x 230	39	1,856
	7,1 kW S-71MP1E5	7,1	8,0	615 x 1380 x 230	39	1,957

Piping information							
Indoor unit	kW	2,2	2,8	3,6	4,5	5,6	7,1
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

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	1,363
	2,8 kW S-28MR1E5	2,8	3,2	616 x 904 x 229	21	1,442
	3,6 kW S-36MR1E5	3,6	4,2	616 x 904 x 229	21	1,528
	4,5 kW S-45MR1E5	4,5	5,0	616 x 1219 x 229	28	1,612
	5,6 kW S-56MR1E5	5,6	6,3	616 x 1219 x 229	28	1,732
	7,1 kW S-71MR1E5	7,1	8,0	616 x 1219 x 229	28	1,765

Piping information							
Indoor unit	kW	2,2	2,8	3,6	4,5	5,6	7,1
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

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	3,492
	12,5 kW	S-125MW1E5	12,5	14,0	892 x 502 x 353	43	4,189
Piping information							
Indoor unit			kW	8,0	12,5		
Piping diameter (liquid - gas)			Inch	3/8 - 5/8	3/8 - 5/8		

Energy recovery ventilation with DX coil - HRPT Series · R32 / R410A

Dual flow ventilation with EC fan, featuring high efficiency heat recovery (>85% η).

2 types of polystyrene heat exchanger (high efficiency and sensible) with counter-current flows and integrated bypass as standard.

Modbus connection available.



Indoor unit			Heat exchanger option	Heat recovery ventilation ¹⁾						DX coil ²⁾				RRP
				Temperature efficiency		Enthalpy efficiency		Air flow	External static pressure	Total / Sensible capacity		Dimension	Weight	
				Cool %	Heat %	Cool %	Heat %			Cool kW	Heat kW			
								High m³/h	High Pa			HxWxD mm	kg	£
1ph	2,5 kW	PAW-HRPT40HX	High efficiency	63,4	76,7	52,3	53,2	480	150	2,5	3,0	283 x 975 x 1400	70	5,409
	2,5 kW	PAW-HRPT40	Sensible	84,6	84,9	—	—	480	150	2,5	3,0	283 x 975 x 1400	67	4,021
	5,0 kW	PAW-HRPT80HX	High efficiency	60,0	73,5	47,8	49,2	800	150	5,0	6,0	408 x 1180 x 1720	120	7,068
	5,0 kW	PAW-HRPT80	Sensible	84,3	84,7	—	—	800	150	5,0	6,0	408 x 1180 x 1720	117	5,333
	7,0 kW	PAW-HRPT120HX	High efficiency	61,4	75,0	49,5	50,7	1100	150	7,0	8,1	408 x 1580 x 1720	135	9,389
	7,0 kW	PAW-HRPT120	Sensible	84,8	85,2	—	—	1100	150	7,0	8,1	408 x 1580 x 1720	132	6,729
	10,0 kW	PAW-HRPT160HX	High efficiency	62,2	76,0	50,0	51,2	1500	150	10,0	12,5	408 x 1980 x 1720	150	11,471
	10,0 kW	PAW-HRPT160	Sensible	84,7	85,1	—	—	1500	150	10,0	12,5	408 x 1980 x 1720	147	7,885
3ph	12,5 kW	PAW-HRPT200HX	High efficiency	59,4	73,2	46,8	48,3	1750	150	12,5	14,0	408 x 1980 x 1720	180	13,437
	12,5 kW	PAW-HRPT200	Sensible	83,8	84,2	—	—	1750	150	12,5	14,0	408 x 1980 x 1720	177	9,967

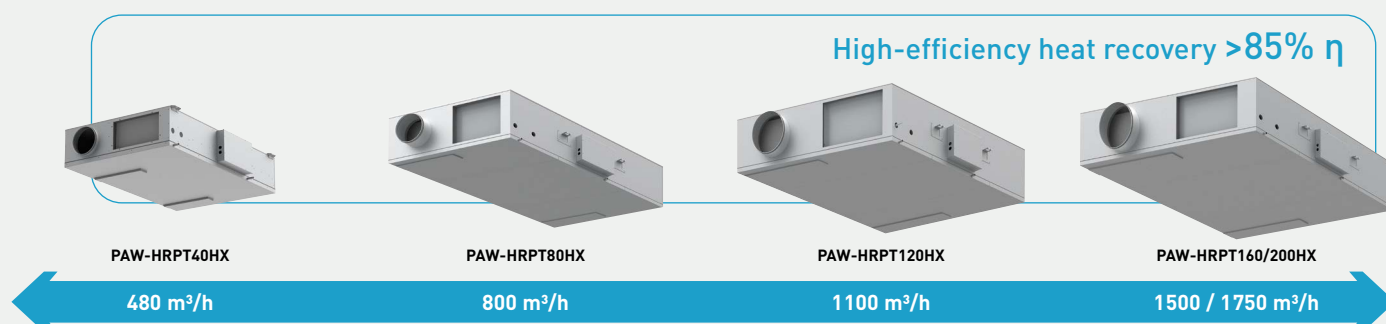
Piping information							
Indoor unit	kW	2,5	5,0	7,0	10,0	12,5	
Piping diameter (liquid)	Inch	1/4	3/8	3/8	3/8	3/8	
Piping diameter (gas)	Inch	1/2	5/8	5/8	5/8	5/8	

Electrical information							
Single phase				Three phase			
Indoor unit	kW	2,5	5,0	7,0	10,0	12,5	12,5
Maximum input current	A	1,5	2,2	4,1	4,4	3,3	3,3

1) Data refers to the following conditions (UNI EN 13141-7): nominal air flow, external air 5 °C with 72% r. / expelled air 25 °C with 28% r. 2) Data refers to the following conditions: nominal air flow, cooling inlet coil summer 27 °C with 48% / heating inlet coil winter 20 °C with 50% r. * Image is for PAW-HRPT40.

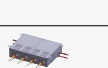
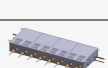
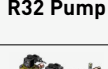
Energy recovery ventilation with DX coil - HRPT Series for VRF.

The HRPT Series is specifically designed for commercial applications or collective residential buildings, offering highly efficient heat recovery of up to 85,2%.



Distribution joint kits		RRP £
2-Pipe ME2 for outdoor units (up to 68,0 kW).	CZ-P680PH2BM	190
2-Pipe ME2 for outdoor units (from 68,0 kW to 168,0 kW).	CZ-P1350PH2BM	260
2-Pipe ME2 and Mini ECOi for indoor units (up to 22,4 kW*).	CZ-P224BK2BM	109
2-Pipe ME2 for indoor units (from 22,4 kW to 68,0 kW*).	CZ-P680BK2BM	179
2-Pipe ME2 for indoor units (from 68,0 kW to 168,0 kW*).	CZ-P1350BK2BM	243
3-Pipe MF3 for outdoor units (up to 68,0 kW).	CZ-P680PJ2BM	323
3-Pipe MF3 for outdoor units (from 68,0 kW to 135,0 kW).	CZ-P1350PJ2BM	552
3-Pipe MF3 for indoor units (up to 22,4 kW).	CZ-P224BH2BM	128
3-Pipe MF3 for indoor units (from 22,4 kW to 68,0 kW).	CZ-P680BH2BM	318
3-Pipe MF3 for indoor units (up to 68,0 kW).	CZ-P1350BH2BM	336
2-Pipe ME2 header pipe.	CZ-P4HP4C2BM	298
3-Pipe MF3 header pipe.	CZ-P4HP3C2BM	203

* 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). CZ-P56HR3 + CZ-CAPE2.	KIT-P56HR3	581
 3-Pipe control Solenoid valve kit (from 5,6 to 16,0 kW). CZ-P160HR3 + CZ-CAPE2.	KIT-P160HR3	681
 Solenoid valve kit (up to 5,6 kW).	CZ-P56HR3	472
 Solenoid valve kit (from 5,6 kW to 16,0 kW).	CZ-P160HR3	572
 3-Pipe control PCB.	CZ-CAPE2	109
 3-Pipe control PCB for wall-mounted.	CZ-CAPEK2	119
 4 ports 3 pipe box (up to 5,6 kW per port).	CZ-P456HR3	2,866
 6 ports 3 pipe box (up to 5,6 kW per port).	CZ-P656HR3	3,933
 8 ports 3 pipe box (up to 5,6 kW per port).	CZ-P856HR3	5,359
 4 ports 3 pipe box (up to 16,0 kW per port).	CZ-P4160HR3	3,195

R32 Pump Down solution		RRP £
 Basic Pump Down system (2 way) for one R32 Mini ECOi outdoor unit	PAW-PUD2WB-1	1,306

Leak detection and automatic Pump Down for R410A refrigerant		RRP £
 Pump Down system (2 way) for 1 outdoor unit.	PAW-PUD2W-1R	12,426
Pump Down system (2 way) for 2 outdoor units.	PAW-PUD2W-2R	13,072
Pump Down system (2 way) for 3 outdoor units.	PAW-PUD2W-3R*	14,365
Pump Down system (3 way) for 1 outdoor unit.	PAW-PUD3W-1R	12,426
Pump Down system (3 way) for 2 outdoor units.	PAW-PUD3W-2R	13,072
Pump Down system (3 way) for 3 outdoor units.	PAW-PUD3W-3R*	14,365

* Special order requiring the longer lead time than usual. For the detailed information, please contact an authorised Panasonic dealer.

Panels		RRP £
 Standard panel for 4 way 90x90 cassette, white (RAL9003).	CZ-KPU3W	242
 Econavi panel for 4 way 90x90 cassette, white (RAL9003).	CZ-KPU3AW	328
 Standard panel for 4 way 90x90 cassette, graphite black (RAL9011).	CZ-KPU3B	242
 Panel for 4 way 60x60 cassette - MY3.	CZ-KPY4	266
 Panel for 2 way cassette (for S-22 to S-56 models).	CZ-02KPL2	427
Panel for 2 way cassette (for S-73 model).	CZ-03KPL2	507
 Panel for 1 way cassette.	CZ-KPD2	450

Sensors		RRP £
 Econavi energy saving sensor.	CZ-CENSC1	179
 Remote temperature sensor.	CZ-CSRC3	129
Cassette fresh air-intake kit.	CZ-FDU3+CZ-ATU2	TBC

R32 safety measures		RRP £
 Leak detector for 4 way 90x90 cassettes, 4 way 60x60 cassettes, and wall-mounted units.	CZ-C6LSC2	190
 R32 refrigerant leak alarm for adaptive duct and slim duct units.	CZ-C6LALC1	196
 2-pipe safety valve kit.	CZ-P1160SVK	1,085
 External 16 V power supply.	PAW-16DC-ALC1	TBC

IAQ filter for adaptive ducted unit		RRP £
 BION air pollutant filter for MF3 15, 22, 28, 36, 45 and 56.	PAW-APF800F	TBC
 BION air pollutant filter for MF3 60 and 73.	PAW-APF1000F	TBC
* Tentative image.  BION air pollutant filter for MF3 90, 106, 112, 140 and 160.	PAW-APF1400F	TBC

Plenums		RRP £
 Air inlet plenum for MF3 60, 73 and 90.	CZ-DUMPA90MF2	319
Air inlet plenum for MF3 106, 112, 140 and 160.	CZ-DUMPA160MF2	344
 Air inlet plenum for MM2 22, 28, 36, 45 and 56.	CZ-DUMPA22MMR2	325
Air outlet plenum for MM2 22, 28 and 36.	CZ-DUMPA22MMS2	508
Air outlet plenum for MM2 45 and 56.	CZ-DUMPA45MMS3	650

* 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 £
	Rap valve kit.	CZ-P160RVK2	690
	Wall-mounted external valve for model sizes 15 to 73.	CZ-P73SVK3	173
	* A 3/8" to 1/4" reducer is required when combining the S-73MK3E with ECO! EX R410A outdoor units (ME2 and MF3).		
	Wall-mounted external valve for model size 106.	CZ-P106SVK3	289
VRF Smart Connectivity+			RRP £
	Remote controller Panasonic Net Con, RH, No PIR, R1/R2.	SER8150R0B1194	608
	Remote controller Panasonic Net Con, RH, PIR, R1/R2.	SER8150R5B1194	648
	Wireless ZigBee® Pro module / Green Com card.	VCM8000V5094P	220
	Door / window wireless sensor.	SED-WDC-G-5045	250
	Wall / ceiling (motion) wireless sensor.	SED-MTH-G-5045	305
	CO ₂ sensor.	SED-CO2-G-5045	784
	Sensor with room temperature and humidity.	SED-TRH-G-5045	247
	Water leakage sensor.	SED-WLS-G-5045	240
	Cover frame. Silver.	FAS-00	51
	Cover frame. White.	FAS-01	51
	Cover frame. Glossy translucent white.	FAS-03	91
	Cover frame. Light tan wood.	FAS-05	71
	Cover frame. Dark brown wood.	FAS-06	71
	Cover frame. Dark black wood.	FAS-07	71
	Cover frame. Brushed steel finish.	FAS-10	91
Controller and touch controllers for hotels with dry contacts			RRP £
	Modbus RS-485 touch room controller with I/O, white.	PAW-RE2C4-MOD-WH	523
	Touch display control with 2 digital inputs, white.	PAW-RE2D4-WH	319
	Modbus RS-485 touch room controller with I/O, black.	PAW-RE2C4-MOD-BK	523
	Touch display control with 2 digital inputs, black.	PAW-RE2D4-BK	319
Hotel sensors for dry contacts			RRP £
	Wall motion sensor 24 V.	PAW-WMS-DC	220
	Wall motion sensor 240 V AC.	PAW-WMS-AC	220
	Ceiling motion sensor 24 V.	PAW-CMS-DC	220
	Ceiling motion sensor 240 V AC.	PAW-CMS-AC	220
	Power supply 24 V.	PAW-24DC	71
	Door or window contact.	PAW-DWC	24

Centralised controls			RRP £
	System controller for 64 indoor units with weekly timer.	CZ-64ESMC3	897
	Central ON / OFF controller, up to 16 groups, 64 indoor units.	CZ-ANC3	608
	Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR).	CZ-256ESMC3	TBC
Centralised controls. BMS system. PC base			RRP £
	P-AIMS core software: Centralised software to control up to 1024 indoor units.	CZ-CSWKC2	4,855
	P-AIMS consumption calculation extension.	CZ-CSWAC2	2,776
	P-AIMS BACnet extension.	CZ-CSWBC2	5,548
	P-AIMS layout display extension.	CZ-CSWGC2	2,084
	P-AIMS web application extension.	CZ-CSWWC2	2,084
	P-AIMS communication adaptor.	CZ-CFUNC2	1,413
Panasonic AC Smart Cloud			RRP £
	Panasonic AC Smart Cloud. Cloud internet control. Up to 128 groups. Controls 128 units.	CZ-CFUSCC1	508
	Detailed references is in page 65.		
BMS interface with S-Link			RRP £
	A unified interface supporting Modbus, BACnet, and KNX protocols for up to 16 indoor units.	PAW-AC2-BMS-16	2,620
	A unified interface supporting Modbus, BACnet, and KNX protocols for up to 64 indoor units.	PAW-AC2-BMS-64	3,760
	A unified interface supporting Modbus, BACnet, and KNX protocols for up to 128 indoor units.	PAW-AC2-BMS-128	5,034
Accessories interfaces			RRP £
	Commercial Wi-Fi Adaptor.	CZ-CAPWFC2	207
	KNX interface.	PAW-RC2-KNX-1i	408
	Modbus RTU interface.	PAW-RC2-MBS-1	408
	Modbus RTU interface to control 4 indoor/groups.	PAW-RC2-MBS-4	944
	BACnet IP and MSTP.	PAW-RC2-BAC-1	674
	KNX interface (Airzone).	PAW-AZRC-KNX-1	348
	Modbus RTU interface (Airzone).	PAW-AZRC-MBS-1	348
	BACnet IP and MSTP interface (Airzone).	PAW-AZRC-BAC-1	634
	RAC interface adapter for integration into S-Link, plus external input and alarm/status output (for YKEA-1 units).	CZ-CAPRA1	194

Centralised controls. Connection with general equipment			RRP £
	Adaptor for ON / OFF control of external devices.	CZ-CAPC3	387
	Demand control for Mini ECOi (LZ2, LE2).	CZ-CAPDC3	697
	Mini series parallel device controlling indoor units, maximum 1 group and 8 indoor unit.	CZ-CAPBC2	324
	Communication Adaptor. Up to 128 groups. Controls 128 units.	CZ-CFUNC2	1,413
Individual controls			RRP £
	CONEX wired remote controller (non-wireless), white.	CZ-RTC6W	172
	CONEX wired remote controller with Bluetooth®, white.	CZ-RTC6WBL	203
	CONEX wired remote controller with Wi-Fi and Bluetooth®, white.	CZ-RTC6WBLW2 ¹⁾	286
	CONEX wired remote controller (non-wireless), black.	CZ-RTC6	172
	CONEX wired remote controller with Bluetooth®, black.	CZ-RTC6BL	203
	CONEX wired remote controller with Wi-Fi and Bluetooth®, black.	CZ-RTC6BLW2 ¹⁾	286
	Design wired remote controller with Econavi function.	CZ-RTC5B	172
	Infrared remote controller and receiver for 4 way 60x60 cassette - MY3 with panel.	CZ-RWS3 + CZ-RWRY3	256
	Infrared remote controller and receiver for 4 way 90x90 cassette.	CZ-RWS3 + CZ-RWRU3W	328
	Infrared remote controller and receiver for 2 way cassette.	CZ-RWS3 + CZ-RWRL3	328
	Infrared remote controller and receiver for 1 way cassette.	CZ-RWS3 + CZ-RWRD3	328
	Infrared remote controller and receiver for ceiling.	CZ-RWS3 + CZ-RWRT3	328
	Infrared remote controller for wall-mounted and floor console.	CZ-RWS3	129
	Infrared remote controller and receiver for all indoor units.	CZ-RWS3 + CZ-RWRC3	328

Accessories PCB			RRP £
	T10 interface PCB with digital and relay connections.	PAW-T10	120
	PCB for fan speed control of external EC Fan.	PAW-ECF	TBC
R-22 Replacement Kit			RRP £
	Replacement kit for R-22.	CZ-SLK2	420
Accessories cables			RRP £
	Cable for all the T10 functions.	CZ-T10	59
	Cable to operate external EC fan.	PAW-FDC	59
	Cable for all option monitoring signals.	PAW-OCT	59
	Cable with force thermo OFF/leakage detection.	PAW-EXCT	59
Water heat exchanger accessories			RRP £
	Stacking kit for vertically stacking up to 3 WHE (4 pieces per Kit).	PAW-3WSK	216

* BLW2 are models available except for the indoor unit type MU2.

Panasonic AC Smart Cloud AC Service Cloud						RRP £
	Product	Reference	Items 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⁾		508
			SR-ACSCSTART32	AC Smart Cloud start up to 32 indoor units		225
	AC Smart Cloud access fee	SR-ACSC1Y32		AC Smart Cloud access fee for 1 year		109
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y32CNT		AC Smart Cloud access fee for 1 year with data connectivity		270
Up to 64 indoor units	Cloud base kit	KIT-ACSCBASE64	CZ-CFUSCC1	Cloud adapter for ECOi. PACi and ECO G ¹⁾		508
			SR-ACSCSTART64	AC Smart Cloud start up to 64 indoor units		360
	AC Smart Cloud access fee	SR-ACSC1Y64		AC Smart Cloud access fee for 1 year		163
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y64CNT		AC Smart Cloud access fee for 1 year with data connectivity		369
Up to 128 indoor units	Cloud base kit	KIT-ACSCBASE128	CZ-CFUSCC1	Cloud adapter for ECOi. PACi and ECO G ¹⁾		508
			SR-ACSCSTART128	AC Smart Cloud start up to 128 indoor units		539
	AC Smart Cloud access fee	SR-ACSC1Y128		AC Smart Cloud access fee for 1 year		234
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y128CNT		AC Smart Cloud access fee for 1 year with data connectivity		530
Up to 192 indoor units	Cloud base kit	KIT-ACSCBASE192	2x CZ-CFUSCC1	Cloud adapter for ECOi. PACi and ECO G ¹⁾		1,016
			SR-ACSCSTART192	AC Smart Cloud start up to 192 indoor units		647
	AC Smart Cloud access fee	SR-ACSC1Y192		AC Smart Cloud access fee for 1 year		304
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y192CNT		AC Smart Cloud access fee for 1 year with data connectivity		663
Up to 256 indoor units	Cloud base kit	KIT-ACSCBASE256	2x CZ-CFUSCC1	Cloud adapter for ECOi. PACi and ECO G ¹⁾		1,016
			SR-ACSCSTART256	AC Smart Cloud start up to 256 indoor units		809
	AC Smart Cloud access fee	SR-ACSC1Y256		AC Smart Cloud access fee for 1 year		374
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y256CNT		AC Smart Cloud access fee for 1 year with data connectivity		888
Up to 320 indoor units	Cloud base kit	KIT-ACSCBASE320	3x CZ-CFUSCC1	Cloud adapter for ECOi. PACi and ECO G ¹⁾		1,524
			SR-ACSCSTART320	AC Smart Cloud start up to 320 indoor units		929
	AC Smart Cloud access fee	SR-ACSC1Y320		AC Smart Cloud access fee for 1 year		430
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y320CNT		AC Smart Cloud access fee for 1 year with data connectivity		888
Up to 512 indoor units	Cloud base kit	KIT-ACSCBASE512	4x CZ-CFUSCC1	Cloud adapter for ECOi. PACi and ECO G ¹⁾		2,032
			SR-ACSCSTART512	AC Smart Cloud start up to 512 indoor units		1,293
	AC Smart Cloud access fee	SR-ACSC1Y512		AC Smart Cloud access fee for 1 year		598
	AC Smart Cloud access fee with data connectivity	SR-ACSC1Y512CNT		AC Smart Cloud access fee for 1 year with data connectivity		1,128
Options						RRP £
Service function	Panasonic AC Service Cloud	SR-ACSC1Y32M		AC Service Cloud access for 1 year up to 32 indoor units		109
	System Health Check ²⁾	SR-ACSC1Y32SHC		System Health Check access for 1 year up to 32 indoor units		60
Floor map ³⁾		SR-ACSC1FLRUP		Upload 1 floor map or maximum 32 units		225
Floor map ³⁾		SR-ACSC1FLRCP		Create 1 floor map or maximum 32 units		360
Indoor assign ³⁾		SR-ACSC32ASSIGN		Assign indoors up to 32 units		225
4G connectivity kit ⁴⁾	KIT-ACSC4GCNT		PAW-ACSCRTR4G	AC Smart Cloud 4G connection kit including 4G router and SIM card		206
			PAW-ACSCSIM			33
4G Router		PAW-ACSCRTR4G		4G Router for Panasonic AC Smart Cloud		206
SIM card		PAW-ACSCSIM		SIM card without data amount		33

* 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.



AHU connection kit MAH4M for ECOi 2-Pipe.

- Space-saving compact casing
- Direct Modbus communication without the need for an additional interface
- Accurate control with a pressure transducer

Advanced energy recovery ventilation - ZY Series.

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

- 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** IAQ Controller for enhanced air quality, reduced energy consumption, and auxiliary heater control

Air curtain with DX coil.

- Line-up available for PACi and VRF system
- Compatible with R32 and R410A refrigerants
- Simple structure for easy installation and maintenance

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

Page		2,5 kW	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
P. 68	AHU connection kit PAH3M-1 for PACi NX and PACi										
		PAW-	280PAH3M-1	280PAH3M-1	280PAH3M-1	280PAH3M-1	280PAH3M-1	280PAH3M-1	280PAH3M-1	280PAH3M-1	280PAH3M-1

Page		6 HP	12 HP	16 HP	18 HP
P. 69	AHU connection kit MAH4M for ECOi 2-Pipe				
		PAW-P+100MAH4M	PAW-P+100MAH4M	PAW-P+100MAH4M	PAW-P+100MAH4M

Page		5 HP	10 HP	20 HP	30 HP	40 HP	50 HP	60 HP	70 HP	80 HP
P. 68	AHU connection kit MAH3M for ECOi and ECO G									
		PAW-	160MAH3M	280MAH3M	560MAH3M	280MAH3M 560MAH3M	560MAH3M 560MAH3M 280MAH3M	560MAH3M 560MAH3M 560MAH3M	560MAH3M 560MAH3M 280MAH3M	560MAH3M 560MAH3M 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
P. 70	Advanced energy recovery ventilation - ZY Series									
		FV-15ZY1G	FV-25ZY1G	FV-35ZY1G	FV-50ZY1G	FV-65ZY1G	FV-80ZY1G	FV-1KZY1G	FV-1HZY1G	FV-2KZY1G

Page		480 m³/h	800 m³/h	1100 m³/h	1500 m³/h	1750 m³/h
P. 61	Energy recovery ventilation with DX coil - HRPT Series					
		PAW-HRPT40HX PAW-HRPT40	PAW-HRPT80HX PAW-HRPT80	PAW-HRPT120HX PAW-HRPT120	PAW-HRPT160HX PAW-HRPT160	PAW-HRPT200HX PAW-HRPT200

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
P. 71	Air curtain with DX coil					
		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	

Panasonic ventilation solutions

AHU connection kit PAH3M-1 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.



Reference	With PACi NX Elite			With PACi NX Standard			Dimension H x W x D mm	Weight kg	RRP £
		Nominal capacity Cooling kW	Heating kW		Nominal capacity Cooling kW	Heating kW			
2,5 kW	PAW-280PAH3M-1	—	—	2,5	3,2	—	500 x 400 x 150	11,5	1,844
3,6 kW	PAW-280PAH3M-1	3,6	3,6	3,6	3,6	—	500 x 400 x 150	11,5	
5,0 kW	PAW-280PAH3M-1	5,0	5,0	5,0	5,0	—	500 x 400 x 150	11,5	
6,0 kW	PAW-280PAH3M-1	6,0	6,0	6,0	6,0	—	500 x 400 x 150	11,5	
7,5 kW	PAW-280PAH3M-1	7,1	7,5	7,1	7,1	—	500 x 400 x 150	11,5	
10,0 kW	PAW-280PAH3M-1	10,0	10,8	10,0	10,0	—	500 x 400 x 150	11,5	
12,5 kW	PAW-280PAH3M-1	12,5	13,5	12,5	12,5	—	500 x 400 x 150	11,5	
14,0 kW	PAW-280PAH3M-1	14,0	15,5	14,0	14,0	—	500 x 400 x 150	11,5	
20,0 kW	PAW-280PAH3M-1	19,0	22,4	—	—	—	500 x 400 x 150	11,5	
25,0 kW	PAW-280PAH3M-1	22,0	24,0	—	—	—	500 x 400 x 150	11,5	

Piping information

Model	kW	2,5	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	1/4 - 1/2	3/8 - 1/2	3/8 - 1/2	3/8 - 1/2	3/8 - 1/2	1/2 - 3/4	1/2 - 3/4	1/2 - 3/4
Pipe length range (Standard)	m	3 ~ 15	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 ~ 60	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 100
Elevation difference (in / out)	m	15	30	30	30	30	30	30	30	30	30

AHU connection kit MAH3M 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.



Reference	Nominal capacity			Air flow Min / Max m³/h	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW				
5 HP	PAW-160MAH3M	14,0	16,0	1140 / 2600	500 x 400 x 150	11,5	1,763
10 HP	PAW-280MAH3M	28,0	31,5	3500 / 5000	500 x 400 x 150	11,5	1,924
20 HP	PAW-560MAH3M	56,0	63,0	7000 / 10000	500 x 400 x 150	11,5	2,145
30 HP	PAW-280MAH3M + PAW-560MAH3M	84,0	95,0	10500 / 15000	500 x 400 x 150*	11,5*	4,069
40 HP	PAW-560MAH3M + PAW-560MAH3M	112,0	127,0	14000 / 20000	500 x 400 x 150*	11,5*	4,290
50 HP	PAW-560MAH3M + PAW-560MAH3M + PAW-280MAH3M	140,0	155,0	17500 / 25000	500 x 400 x 150*	11,5*	6,214
60 HP	PAW-560MAH3M + PAW-560MAH3M + PAW-560MAH3M	168,0	189,0	21000 / 30000	500 x 400 x 150*	11,5*	6,435
70 HP	PAW-560MAH3M + PAW-560MAH3M + PAW-560MAH3M + PAW-280MAH3M	196,0	219,0	24000 / 35000	500 x 400 x 150*	11,5*	8,359
80 HP	PAW-560MAH3M + PAW-560MAH3M + PAW-560MAH3M + PAW-560MAH3M	224,0	252,0	28000 / 40000	500 x 400 x 150*	11,5*	8,580

Piping information

Model	HP	5	10	20	30	40	50	60	70	80
Piping diameter (liquid - gas)	Inch	3/8 - 1/2	3/8 - 1/2	1/2 - 3/4	3/4 - 1 1/4	3/4 - 1 1/4	3/4 - 1 1/4	3/4 - 1 1/4	1 1/4 - 1 3/4	1 1/4 - 2 1/4
Pipe length range	m	10 ~ 100	10 ~ 100	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	10	10

*The value applies to one unit of the AHU connection kit.

AHU connection kit / system combination							
Capacity	ECOi Series	AHU kit		Capacity	ECO G Series	AHU kit	
5 HP	16 kW	Mini ECOi / ECOi EX ME2 Series	160MAH3M	—	—	—	—
10 HP	28 kW	U-8LZ2E8/U-10LZ2E8/ U-8LE1E8/U-10LE1E8/ U-10ME2E8	280MAH3M	—	—	—	—
20 HP	56 kW	U-20ME2E8	560MAH3M	—	—	—	—
30 HP	84 kW	U-16ME2E8	560MAH3M	280MAH3M	—	—	—
40 HP	112 kW	U-20ME2E8	560MAH3M	560MAH3M	—	—	—
50 HP	140 kW	U-18ME2E8	560MAH3M	560MAH3M	280MAH3M	—	—
60 HP	168 kW	U-20ME2E8	560MAH3M	560MAH3M	560MAH3M	—	—
70 HP	196 kW	U-20ME2E8	560MAH3M	560MAH3M	560MAH3M	280MAH3M	—
80 HP	224 kW	U-20ME2E8	560MAH3M	560MAH3M	560MAH3M	560MAH3M	—

Panasonic ventilation solutions

AHU connection kit MAH4M for ECOi 2-Pipe

Space-saving compact casing.

Direct Modbus communication without the need for an additional interface.

Accurate control with a pressure transducer.



Reference		Nominal capacity		Air flow Min / Max m³/h	Dimension H x W x D mm	Weight kg	RRP £
		Cooling kW	Heating kW				
6 HP	PAW-P+100MAH4M	16,0	17,0	1800 / 4400	300 x 400 x 150	11	2,121
12 HP	PAW-P+100MAH4M	33,5	37,5	2000 / 10000	300 x 400 x 150	11	2,121
16 HP	PAW-P+100MAH4M	45,0	50,0	3500 / 12000	300 x 400 x 150	11	2,121
18 HP	PAW-P+100MAH4M	56,0	63,0	5000 / 20000	300 x 400 x 150	11	2,121

Piping information

Model	HP	5	6	8	10	12	14	16	18
Piping diameter (liquid - gas) ≤ 90 m	Inch	3/8 - 5/8	3/8 - 5/8	3/8 - 3/4	3/8 - 7/8	1/2 - 1 1/8	1/2 - 1 1/8	1/2 - 1 1/8	5/8 - 1 1/8
Piping diameter (liquid - gas) > 90 m ¹⁾		—	—	1/2 - 7/8	1/2 - 1 1/8	5/8 - 1 1/8	5/8 - 1 1/8	5/8 - 1 1/8	3/4 - 1 3/8
Pipe length range	m	10 ~ 100	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	10

1) For R410A models only.

AHU connection kit / system combination

AHU connection kit / System combination					
Cooling capacity	Mini VRF		2-Pipe VRF	AHU connection kit	EEV pack
	Mini ECOi LZ2 Series (R32)	Mini ECOi LE2 Series (R410A)	ECOi EX ME2 Series		
4 ~ 6 HP	U-4LZ2E5(8) / U-5LZ2E5(8) / U-6LZ2E5(8)	U-4LE2E5(8) / U-5LE2E5(8) / U-6LE2E5(8)	—	PAW-P+100MAH4M	PAW-P+116EEVPACK
8 ~ 12 HP	U-8LZ2E8 / U-10LZ2E8	U-8LE1E8 / U-10LE1E8	U-8ME2E8 / U-10ME2E8 / U-12ME2E8	PAW-P+100MAH4M	PAW-P+133EEVPACK
14 ~ 18 HP	—	—	U-14ME2E8 / U-16ME2E8 / U-18ME2E8	PAW-P+100MAH4M	PAW-P+145EEVPACK

Accessories	RRP £
PAW-P+102SENSPACK AHU connection kit sensor pack 1 (2 pcs of SENSOR PT1000 HT IP67 -50/250 CABLE 6 m PCK)	247
PAW-P+116EEVPACK EEV pack 1 (1 pc of expansion valve ≤ 16 kW (R410A / R32) and 1 pc of UNIPOLAR stator)	133
PAW-P+133EEVPACK EEV pack 2 (1 pc of expansion valve ≤ 33 kW (R410A / R32) and 1 pc of UNIPOLAR stator)	157

Accessories	RRP £
PAW-P+145EEVPACK EEV pack 3 (1 pc of expansion valve ≤ 45 kW (R410A / R32) and 1 pc of UNIPOLAR stator)	157
PAW-P+100PGNEPACK Remote control pack (1 pc of PGNE 132 x 64 mm, mounting panel and 1 pc of cable L= 1,5 m, telephone connectors)	546

Optional parts for AHU connection kit MAH4M		RRP £
	AHU connection kit sensor pack 1 (2 pcs of SENSOR PT1000 HT IP67 -50/250 CABLE 6 m PCK)	247
	EEV pack 1 (1 pc of expansion valve ≤ 16 kW (R410A / R32) and 1 pc of UNIPOLAR stator)	133
	EEV pack 2 (1 pc of expansion valve ≤ 33 kW (R410A / R32) and 1 pc of UNIPOLAR stator)	157
	EEV pack 3 (1 pc of expansion valve ≤ 45 kW (R410A / R32) and 1 pc of UNIPOLAR stator)	157
	Remote control pack (1 pc of PGNE 132 x 64 mm, mounting panel and 1 pc of cable L= 1,5 m, telephone connectors)	546

Optional parts for AHU connection kit		RRP £
	Design wired remote controller with Econavi function.	172

Panasonic ventilation solutions

Advanced energy recovery ventilation - ZY Series

Extended 9 model line-up including 2000 m³/h model.

F7 grade filter built-in as a standard.

Design remote controller with RS485 for BMS integration.



Reference			Air flow Hi m³/h	External static pressure Hi Pa	Heating exchange efficiency %	Fuse Rating A	Duct Diameter	Dimension H x W x D mm	Weight kg	RRP £
1ph	150 m³/h	FV-15ZY1G	150	100	83	5	100	289 x 610 x 860	23	1,537
	250 m³/h	FV-25ZY1G	250	120	82	5	150	289 x 735 x 860	27	1,681
	350 m³/h	FV-35ZY1G	350	140	83	5	150	331 x 874 x 968	37	2,008
	500 m³/h	FV-50ZY1G	500	130	81	5	200	331 x 1016 x 968	40	2,086
	650 m³/h	FV-65ZY1G	650	150	82	5	200	404 x 954 x 1008	48	2,400
	800 m³/h	FV-80ZY1G	800	150	83	5	250	404 x 1004 x 1224	60	2,767
	1000 m³/h	FV-1KZY1G	1000	150	82	10	250	404 x 1231 x 1224	64	3,228
	1500 m³/h	FV-1HZY1G	1500	130	83	10	250 x 2	808 x 1004 x 1224	119	5,485
	2000 m³/h	FV-2KZY1G	2000	130	82	10	250 x 2	808 x 1231 x 1224	142	6,833

1) Different dimensions depending on models. * A remote controller is included.

Advanced energy recovery ventilation accessories			RRP £
Replacement high efficiency filter for FV-15ZY1G.	FV-FP15ZY1G		59
Replacement high efficiency filter for FV-25ZY1G.	FV-FP25ZY1G		63
Replacement high efficiency filter for FV-35ZY1G.	FV-FP35ZY1G		74
Replacement high efficiency filter for FV-50ZY1G.	FV-FP50ZY1G		83

Replacement high efficiency filter for FV-65ZY1G.	FV-FP65ZY1G	89
Replacement high efficiency filter for FV-80ZY1G and FV-1HZY1G ¹⁾ .	FV-FP80ZY1G	94
Replacement high efficiency filter for FV-1KZY1G and FV-2KZY1G ¹⁾ .	FV-FP1KZY1G	104
IAQ Controller for advanced energy recovery ventilation - ZY Series ²⁾ .	PAW-ERV-IAQCT	TBC

1) 2 sets of filters required for those models. 2) Available in Spring 2025.

New ERV IAQ Controller.

The IAQ Controller optimises indoor air quality while reducing energy consumption. It also provides seamless control of auxiliary heaters, ensuring a comfortable and efficient environment. It is compatible with the ERV - ZY Series.

* Available in Spring 2025.



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	231,5 x 900 x 212	12,0	809
1ph FY-3012U1	1200	1400/1270	94/85	231,5 x 1200 x 212	14,5	906
FY-3015U1	1500	2000/1800	131/110	231,5 x 1500 x 212	18,0	1,061

Panasonic ventilation solutions

Air curtain with DX 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	8,777
		PAW-15PAIRC-LS-1	9,7	12,0	2700	260 (+140) x 1500 x 460	65	10,236
		PAW-20PAIRC-LS-1	13,0	15,0	3600	260 (+140) x 2000 x 460	80	11,540
		PAW-25PAIRC-LS-1	17,0	19,0	4500	260 (+140) x 2500 x 460	95	12,929
	Air outlet height 3,0 m	PAW-10PAIRC-HS-1	9,1	11,8	2700	260 (+140) x 1000 x 460	55	9,147
		PAW-15PAIRC-HS-1	13,0	15,8	3600	260 (+140) x 1500 x 460	65	10,528
		PAW-20PAIRC-HS-1	19,5	23,6	5400	260 (+140) x 2000 x 460	85	12,051
		PAW-25PAIRC-HS-1	23,7	27,6	6300	260 (+140) x 2500 x 460	110	13,197

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-100
PAW-20PAIRC-HS-1	—	U-250	U-200	—	—	—
PAW-25PAIRC-HS-1	—	U-250	U-200	—	—	—

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.

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⁾ kW	Heating ²⁾ kW	Hi m³/h	H x W x D mm	kg	£	
1ph	Air outlet height 2,7 m	PAW-10EAIRC-LS	6,1	7,9	1800	260 (+140) x 1000 x 460	50	9,485
		PAW-15EAIRC-LS	9,7	12,0	2700	260 (+140) x 1500 x 460	65	11,203
		PAW-20EAIRC-LS	13,0	15,0	3600	260 (+140) x 2000 x 460	80	12,604
		PAW-25EAIRC-LS	17,0	19,0	4500	260 (+140) x 2500 x 460	95	14,103
	Air outlet height 3,0 m	PAW-10EAIRC-HS	9,1	11,8	2700	260 (+140) x 1000 x 460	55	9,883
		PAW-15EAIRC-HS	13,0	15,8	3600	260 (+140) x 1500 x 460	65	11,513
		PAW-20EAIRC-HS	19,5	23,6	5400	260 (+140) x 2000 x 460	85	13,149
		PAW-25EAIRC-HS	23,7	27,6	6300	260 (+140) x 2500 x 460	110	14,387

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

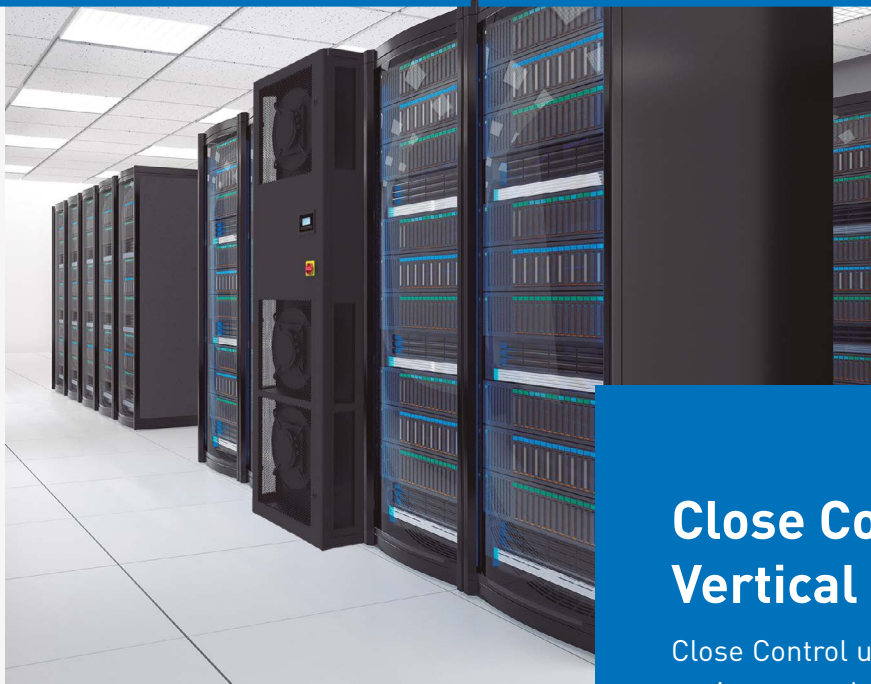
1) Cooling capacity DX coil, air temperature in / out +27 / +18 °C, R32 and R410. 2) Heating capacity condenser, air temperature in / out +20 / +33 °C, R32 and R410. In the case of lower outdoor temperatures, an outdoor model with higher capacity may be necessary. 3) 140 mm is the height of an electrical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

Ceiling mounted air-e nanoe™ X Generator

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



Reference	Air flow m³/h	Consumption W	Sound pressure dB(A)	Panel dimension mm	Hole size dimension mm	Net weight kg	RRP £
1ph FV-15CSD1G	16	4	25,5	Ø200	Ø145	1,1	363



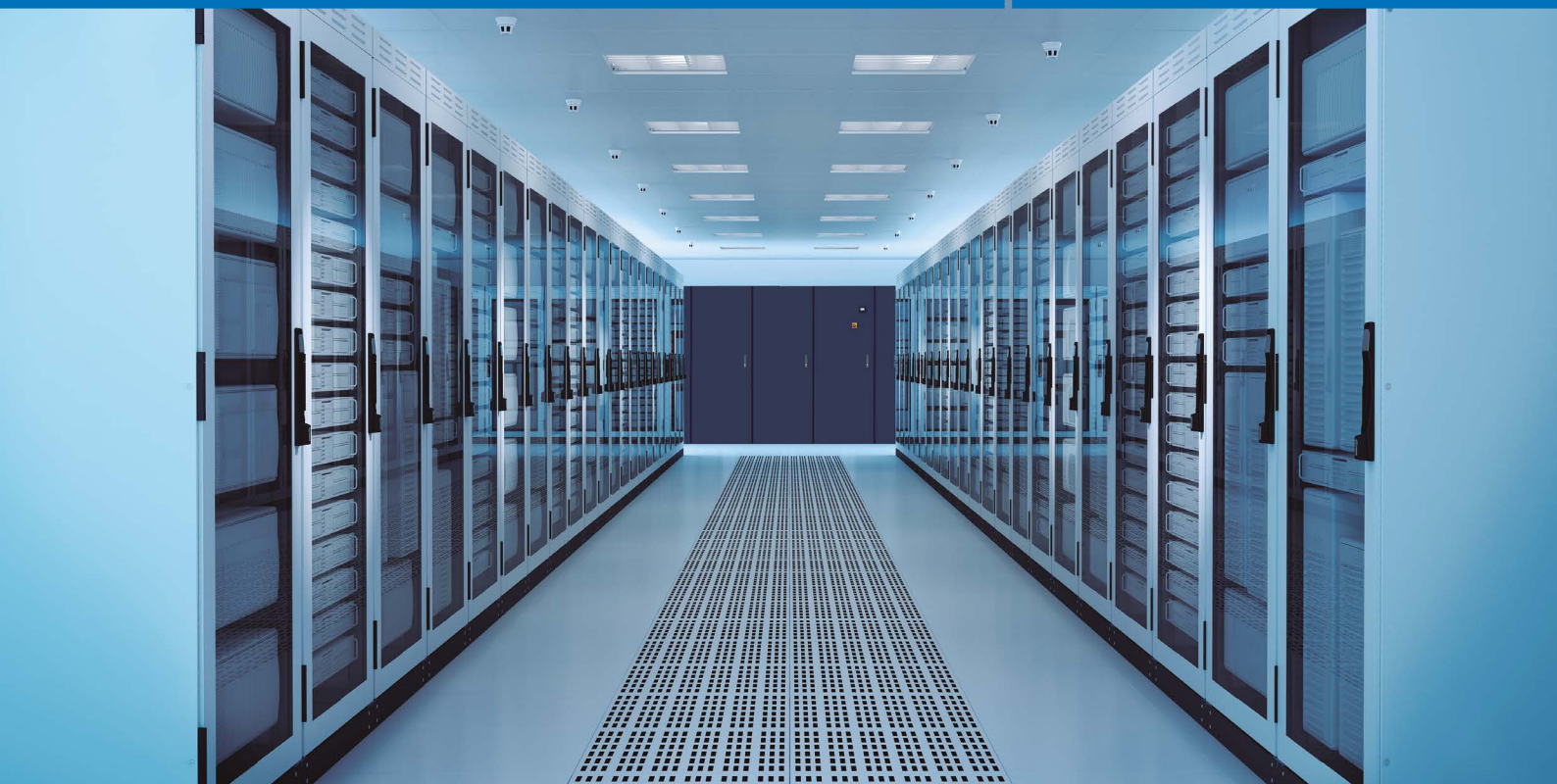
Close Control and Vertical DX units

Close Control units provide a strict control of environmental conditions such as temperature, humidity in data centers, laboratories, and other applications where sensitive equipment or processes require stable and controlled conditions.

Vertical DX units can be used in industries, data centers and tertiary application thanks to their high reliability, high efficiency and low noise level.

TECNAIR
A Panasonic Company





Different versions for data centers applications:

CCUs small footprint and the possibility of modulating operation for all components allow the development of solutions tailored to the real needs of the infrastructure.

P Series: Perimetral and compact solution.

G Series: Perimetral and high efficiency solution for large data centers.

R Series: In-row solution.

W Series: Technical corridor solution.

Precise control of temperature and humidity.

CCUs are designed to provide precise and stable control over temperature and humidity levels. This is crucial in environments where even small variations can have a significant impact on equipment performance or the quality of processes.

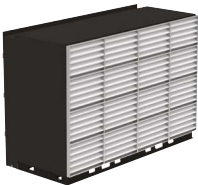
Flexibility, reliability and advanced remote control.

CCUs are flexible solutions that can be customised to fit the specific requirements of data centers applications. These environments also require high levels of reliability. Real-time remote monitoring and control of all unit operating cycles thanks to a simple and intuitive large colour display and touch keys.

Vertical DX units.

This range of monobloc cabinets has the particularity of extremely simplified implementation and maintenance. They have a small footprint, high reliability and efficiency which combined with low noise level make them particularly well suited for cooling, heating and air filtration in industries, data center and tertiary application.

Quick selection guide - Close Control - chilled water

Page	Size	Cooling capacity (kW)	Air flow (m³/h)	Sound pressure (dB(A))	Dimension H x W x D (mm)
P Series - Perimetral P. 76 	10	9,9	2200	51	1990 x 750 x 600
	20	17,2	3200	59	1990 x 750 x 600
	30	30,0	7000	56	1990 x 860 x 880
	50	41,0	8000	60	1990 x 860 x 880
	60	52,8	12000	67	1990 x 1410 x 880
	70	63,1	12000	68	1990 x 1410 x 880
	80	65,4	16000	61	1990 x 1750 x 880
	110	80,0	18000	62	1990 x 1750 x 880
	160	110,0	24000	62	1990 x 2640 x 880
	220	160,0	36000	65	1990 x 3495 x 880
G Series - Great P. 76 	70	55,5	11000	58	1990 x 1320 x 921
	150	112,6	23000	60	1990 x 1840 x 921
	150 XH	129,7	26000	62	2350 x 1840 x 1050
	230	176,6	36000	63	1990 x 2740 x 921
	230 XH	220,7	39000	65	2350 x 2740 x 1050
	300	202,8	45200	62	1990 x 4020 x 921
R Series - In-Row P. 77 	20	24,5	5600	53	1970 x 300 x 1200
	40	37,3	9000	62	2000 x 600 x 1220
W Series - Cold Wall P. 77 	2X1	112,0	25000	71	1800 x 1900 x 1400
	3X1	189,9	37500	72	1800 x 2850 x 1400
	4X1	258,9	50000	72	1800 x 3800 x 1400
	2X2	224,0	50000	72	3600 x 1900 x 1400
	3X2	379,9	75000	74	3600 x 2850 x 1400
	4X2	500,5	96000	74	3600 x 3800 x 1400

Quick selection guide - Close Control - direct expansion

Page	Size	Cooling capacity (kW)	Air flow (m³/h)	Sound pressure (dB(A))	Dimension H x W x D (mm)
P. 76 	71	8,2	2200	51	1990 x 750 x 600
	141	14,7	3200	59	1990 x 750 x 600
	211	21,0	7000	56	1990 x 860 x 880
	251	27,4	7000	57	1990 x 860 x 880
	301	32,3	12000	67	1990 x 1410 x 880
	321	35,2	12000	67	1990 x 1410 x 880
	322	33,8	12000	67	1990 x 1410 x 880
	361	38,1	14000	58	1990 x 1750 x 880
	461	48,1	14000	58	1990 x 1750 x 880
	422	43,7	14000	58	1990 x 1750 x 880
	512	57,8	14000	59	1990 x 1750 x 880
	662	67,3	18000	61	1990 x 2300 x 880
	852	84,4	18000	61	1990 x 2300 x 880
	932	94,9	21000	61	1990 x 2640 x 880
	932	102,6	18000	56	1990 x 2390 x 921
P. 76 	1342	153,9	31500	61	1990 x 3120 x 921
P. 77 	121	11,4	3200	51	1970 x 300 x 1200
	201	22,0	3600	53	1970 x 300 x 1200
	231	22,9	6000	54	2000 x 600 x 1220
	361	36,6	6000	56	2000 x 600 x 1220

Quick selection guide - Vertical DX units

Page	Size	Cooling capacity (kW)	Air flow (m³/h)	Sound pressure (dB(A))	Dimension L x W x H (mm)
P. 78 	1200	12,3	2,000	51	890 x 1540 x 430
	1900	16,2	3,200	56	1000 x 1735 x 500
	2450	19,8	4,500	59	1300 x 1840 x 600
	3250	29,0	5,800	65	1530 x 1830 x 600
	4650	38,9	9,000	61	1715 x 1970 x 790
	6450	55,0	12,000	69	1980 x 1970 x 790
P. 79 	25	8,0	1,500	52	800 x 1280 x 407
	1200	15,0	2,000	51	890 x 1540 x 430
	1900	18,0	3,200	55	1000 x 1735 x 500
	2450	23,0	4,500	58	1300 x 1840 x 600
	3250	32,4	5,800	64	1530 x 1830 x 600
	4650	45,7	9,000	60	1715 x 1970 x 790

Close Control units

P Series - Perimetral

Perimetral and compact solution.

Versions with upflow and downflow air discharge configurations.

Very high EER (energy efficiency ratio) and low operating costs.

Direct expansion or Chilled water system.



Outdoor unit	Cooling capacity ¹⁾	Sensible cooling capacity ¹⁾	EER ²⁾	Air flow	Sound pressure ³⁾	Dimension H x W x D	Weight	Air-cooled free cooling	Water-cooled free cooling	Two sources	RRP
	kW	kW		m³/h	dB(A)	mm	kg				£
UPA/OPA - direct expansion air conditioners with air-cooled or water-cooled condensers											
71	8,2	7,9	3,83	2200	51	1990 x 750 x 600	170	●	○	○	POA
141	14,7	12,9	3,40	3200	59	1990 x 750 x 600	225	●	○	○	
211	21,0	21,0	3,30	7000	56	1990 x 860 x 880	280	●	○	●	
251	27,4	25,7	3,14	7000	57	1990 x 860 x 880	305	●	○	○	
301	32,3	32,3	3,21	12000	67	1990 x 1410 x 880	360	●	○	○	
321	35,2	35,2	3,13	12000	67	1990 x 1410 x 880	385	●	●	●	
322	33,8	33,8	3,34	12000	67	1990 x 1410 x 880	430	●	○	○	
361	38,1	38,1	3,57	14000	58	1990 x 1750 x 880	460	●	○	○	
461	48,1	46,8	3,63	14000	58	1990 x 1750 x 880	470	●	●	●	
422	43,7	43,7	3,47	14000	58	1990 x 1750 x 880	535	●	○	○	
512	57,8	53,6	3,34	14000	59	1990 x 1750 x 880	540	●	○	●	
662	67,3	66,2	3,26	18000	61	1990 x 2300 x 880	685	●	●	●	
852	84,4	73,7	3,27	18000	61	1990 x 2300 x 880	705	●	●	●	
932	94,9	86,3	3,64	21000	61	1990 x 2640 x 880	745	●	○	●	
UPU/OPU - chilled water air conditioners											
10	9,9	9,3	38,26	2200	51	1990 x 750 x 600	125	—	—	○	POA
20	17,2	14,9	29,13	3200	59	1990 x 750 x 600	150	—	—	○	
30	30,0	27,8	30,00	7000	56	1990 x 860 x 880	245	—	—	○	
50	41,0	36,2	24,54	8000	60	1990 x 860 x 880	250	—	—	●	
60	52,8	47,4	22,75	12000	67	1990 x 1410 x 880	270	—	—	○	
70	63,1	54,2	24,17	12000	68	1990 x 1410 x 880	280	—	—	●	
80	65,4	61,8	24,79	16000	61	1990 x 1750 x 880	375	—	—	○	
110	80,0	73,0	24,17	18000	62	1990 x 1750 x 880	410	—	—	●	
160	110,0	99,7	29,33	24000	62	1990 x 2640 x 880	690	—	—	●	
220	160,0	146,0	24,17	36000	65	1990 x 3495 x 880	810	—	—	○	

1) Performance refers to: intake air 24 °C-45%Rh; R410A refrigerant; condensing temperature 45 °C; water temperature 7/12 °C; external static pressure 30 Pa. The declared performance does not consider the heat generated by the fans, which must be added to the thermal load of the system. 2) EER (energy efficiency ratio)= total cooling capacity / input power of compressors + input power of fans (excluding air-cooled condensers). 3) Sound pressure levels at a distance of 2 m; in a free field; pursuant to UNI EN ISO 3744:2010.

G Series - Great

Perimetral and high efficiency solution for large data centers.

High delivered cooling capacity to footprint ratio.

Optimised air distribution in raised floor.

Direct expansion or Chilled water system.



Outdoor unit	Cooling capacity ¹⁾	Sensible cooling capacity ¹⁾	EER ²⁾	Air flow	Sound pressure ³⁾	Dimension H x W x D	Weight	RRP
	kW	kW		m³/h	dB(A)	mm	kg	£
UGA - direct expansion air conditioners with air-cooled or water-cooled condensers								
932	102,6	102,6	4,16	18000	56	1990 x 2390 x 921	910	POA
1342	153,9	153,9	4,54	31500	61	1990 x 3120 x 921	1240	
UGU - chilled water air conditioners								
70	55,5	55,5	31,17	11000	58	1990 x 1320 x 921	540	POA
150	112,6	112,6	36,32	23000	60	1990 x 1840 x 921	840	
150 XH	129,7	129,7	36,94	26000	62	2350 x 1840 x 1050	865	
230	176,6	176,6	36,65	36000	63	1990 x 2740 x 921	1220	
230 XH	220,7	220,7	38,86	39000	65	2350 x 2740 x 1050	1250	
300	202,8	202,8	33,97	45200	62	1990 x 4020 x 921	1630	

1) Performance refers to: intake air 32 °C-30%Rh; R410A refrigerant; condensing temperature 45 °C; water temperature 12/20 °C; external static pressure 30 Pa. The declared performance does not consider the heat generated by the fans, which must be added to the thermal load of the system. 2) EER (energy efficiency ratio)= total cooling capacity / input power of compressors + input power of fans (excluding air-cooled condensers). 3) Sound pressure levels at a distance of 2 m; in a free field; pursuant to UNI EN ISO 3744:2010.

Close Control units

R Series - In-Row

In-row solution.

Airflow distribution as close as possible to servers.

Rear suction from hot aisles and front delivery to cold aisles.

Direct expansion or chilled water system.



Outdoor unit	Cooling capacity ¹⁾	Sensible cooling capacity ¹⁾	EER ²⁾	Air flow	Sound pressure ³⁾	Dimension H x W x D	Weight	Water-cooled free cooling	Two sources	RRP
	kW	kW		m³/h	dB(A)	mm	kg			£

HRA - direct expansion air conditioners with air-cooled or water-cooled condensers

121	11,4	11,4	3,70	3200	51	1970 x 300 x 1200	220	○	○	POA
201	22,0	19,9	3,52	3600	53	1970 x 300 x 1200	235	○	○	
231	22,9	22,6	3,66	6000	54	2000 x 600 x 1220	235	●	●	
361	36,6	34,7	3,91	6000	56	2000 x 600 x 1220	235	○	○	

HRU - chilled water air conditioners

20	24,5	24,5	23,09	5600	53	1970 x 300 x 1200	145		○	POA
40	37,3	37,3	27,82	9000	62	2000 x 600 x 1220	210		●	

1) Performance refers to: intake air 32 °C-30%Rh; R410A refrigerant; condensing temperature 45 °C; water temperature 12/20 °C; external static pressure 30 Pa. The declared performance does not consider the heat generated by the fans, which must be added to the thermal load of the system. 2) EER [energy efficiency ratio]= total cooling capacity / input power of compressors + input power of fans (excluding air-cooled condensers). 3) Sound pressure levels at a distance of 2 m; in a free field; pursuant to UNI EN ISO 3744:2010.

W Series - Cold Wall

Technical corridor solution.

Zero data centers floor space occupied.

Very high EER (energy efficiency ratio) thanks to the optimised air flow.

Fully customizable according the data centers characteristics.



Outdoor unit	Cooling capacity ¹⁾	Sensible cooling capacity ¹⁾	EER ²⁾	Air flow	Sound pressure ³⁾	Dimension H x W x D	Weight	RRP
	kW	kW		m³/h	dB(A)	mm	kg	£

HWU - chilled water air conditioners

2X1	112,0	112,0	18,60	25000	71	1800 x 1900 x 1400	600	POA
3X1	189,9	189,9	21,58	37500	72	1800 x 2850 x 1400	900	
4X1	258,9	258,9	22,32	50000	72	1800 x 3800 x 1400	1200	
2X2	224,0	224,0	18,60	50000	72	3600 x 1900 x 1400	1200	
3X2	379,9	379,9	21,59	75000	74	3600 x 2850 x 1400	1800	
4X2	500,5	500,5	23,50	96000	74	3600 x 3800 x 1400	2400	

1) Performance refers to: intake air 40 °C-25%Rh; R410A refrigerant; condensing temperature 45 °C; water temperature 20/30 °C; external static pressure 30 Pa. The declared performance does not consider the heat generated by the fans, which must be added to the thermal load of the system. (2) EER (Energy Efficiency Ratio) = total cooling capacity / input power of compressors + input power of fans (excluding air-cooled condensers). (3) Sound pressure levels at a distance of 2 m; in a free field; pursuant to UNI EN ISO 3744:2010.

Vertical DX units

T-XAR - R407C

Configuration: split system - indoor unit. UC outdoor condensing unit.
 2 heating options: integrated electric or hot water coils. 3-speed fan motor.
 Operation range: indoor temperature +13 to +22 °C (WB) and +17 to +32 °C (DB),
 outdoor temperature +19 to +47 °C (DB).



Outdoor unit		Cooling capacity ¹⁾	Air flow			Static pressure ²⁾	Sound pressure ³⁾	Dimension L x W x H	RRP
			Treated air	Fresh air (with accessory)					
		kW	Nominal m³/h	Min / Max m³/h	Nominal m³/h	daPa	Normal speed dB(A)	mm	£
T-XAR - air cooled models									
1200	T-X1200.AR	12,3	2000	1500 / 2500	180	0 / 13	51	890 x 430 x 1540	POA
1900	T-X1900.AR	16,2	3200	2500 / 3800	285	0 / 21	56	1000 x 500 x 1735	
2450	T-X2450.AR	19,8	4500	3600 / 5400	420	0 / 20	59	1300 x 600 x 1840	
3250	T-X3250.AR	29,0	5800	4600 / 7000	500	0 / 25	65	1530 x 600 x 1830	
4650	T-X4650.AR	38,9	9000	7200 / 10800	1300	0 / 23	61	1715 x 790 x 1970	
6450	T-X6450.AR	55,0	12000	9500 / 14500	1650	0 / 29	69	1980 x 790 x 1970	
UC outdoor condensing unit (accessory)	Compatible with / number of necessary outdoor unit(s)			Air flow	Input power	Sound pressure ⁴⁾	Dimension L x W x H	RRP	
				m³/h	W	dB(A)	mm	£	
	UC34	X1200.AR / 1			8600	530	52	885 x 825 x 840	POA
UC54	X1900.AR / 1			7600	611	53	885 x 825 x 840		
UC74	X2450.AR / 1	X4650.AR / 2		8550	611	56	1141 x 885 x 840		
UC104	X3250.AR / 1	X6450.AR / 2		14000	1222	56	1546 x 885 x 840		

1) International standard ISO 51.51 conditions. 27 °C/19 °C (WB) - outside air : 35 °C/24 °C (WB). Wasted water: inlet +15 °C - recycled water inlet/outlet: 30 °C/35 °C. 2) Pressure in air flow range at nominal voltage, without accessories. 3) Total sound pressure dB(A) (4 m) under nominal conditions in a room of 1000 m³ (reverberation 0,83 s). 4) Total sound pressure dB(A) (4 m) under nominal conditions in free field on reflecting surface.

Accessories and options

Air distribution duct frame

Electric heaters

Fresh air intake

Front air distribution plenum

High ventilation (provided as standard for sizes 1200 and 1900)

Hot water coil

Accessories and options

ON / OFF switch and room thermostat

Pipe link 10 m - 1 circuit

Remote fault reporting

Set of female valves (mandatory)

Total rear intake duct frame

UC - outdoor condensing unit

Vertical air conditioners.

- Robust unit with mechanical control
- Easy installation and maintenance
- Small footprint casing
- Different air intake and discharge configurations
- Heating systems available (options)



UC - outdoor unit (accessory)

Vertical DX units

T-CX and T-XAO · R407C

Configuration: Mono-bloc system. 2 heating options: integrated electric or hot water coils (hot water coil not available for CX25). 3-speed fan motor (2-speed fan motor for CX25). Operation range: air temperature +15 to +23 °C (WB) and +21 to +32 °C (DB), water temperature +10 to +34 °C.



Outdoor unit	Cooling capacity ¹⁾ kW	Air flow			Static pressure ²⁾ daPa	Sound pressure ³⁾ Normal speed dB(A)	Dimension L x W x H mm	RRP €
		Treated air		Fresh air (with accessory)				
		Nominal	Min / Max	Nominal				
		m³/h	m³/h	m³/h				
T-CX and T-XAO - water cooled models								
25	T-CX25	8,0	1500	1500 / 1750	—	0 / 8	—	800 x 407 x 1280
1200	T-X1200.AO	15,0	2000	1500 / 2500	180	0 / 13	51	890 x 430 x 1540
1900	T-X1900.AO	18,0	3200	2500 / 3800	285	0 / 21	55	1000 x 500 x 1735
2450	T-X2450.AO	23,0	4500	3600 / 5400	420	0 / 20	58	1300 x 600 x 1840
3250	T-X3250.AO	32,4	5800	4600 / 7000	500	0 / 25	64	1530 x 600 x 1830
4650	T-X4650.AO	45,7	9000	7200 / 10800	1300	0 / 23	60	1715 x 790 x 1970

1) International standard ISO 51.51 conditions. 27 °C/19 °C (WB) - outside air : 35 °C/24 °C (WB). Wasted water: inlet +15 °C - recycled water inlet/outlet: 30 °C/35 °C. 2) Pressure in air flow range at nominal voltage, without accessories. 3) Total sound pressure dB(A) (4 m) under nominal conditions in a room of 1000 m³ (reverberation 0,83 s).

Accessories and options

Air distribution duct frame

Electric heaters

Fresh air intake

Front air distribution plenum

High ventilation (provided as standard for CX25, X1200.AO and X1900.AO)

Accessories and options

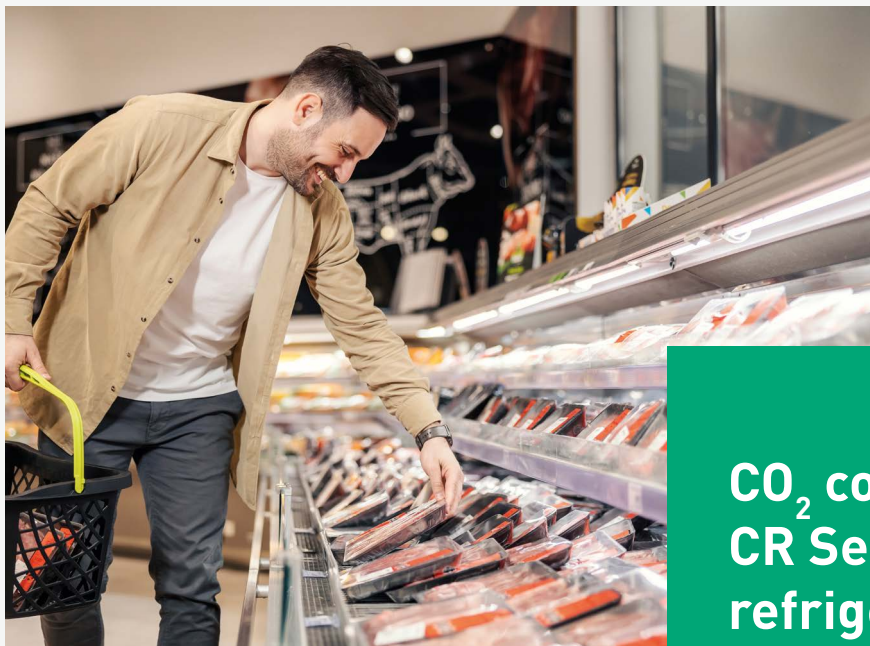
Hot water coil

ON / OFF switch and room thermostat

Remote fault reporting

Sump heating resistance

Total rear intake duct frame



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. Keeping food always fresh at right temperature in showcases or cold rooms is a very critical point. And one of the biggest challenges for those retailers has been the expensive effects of refrigeration breakdowns which can result in costly product wastage.





CR Series 20 HP MT/LT model.

- Multi-compressor system
- Smaller footprint
- Maximum piping length of 100 m
- Cooling capacity can be controlled from 25 to 100% under partial load

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

Easy and quick installation.

Pressure release valves and a range of optional accessories support fast and efficient installation.

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

<https://www.panasonicproclub.com>

PACi NX Elite can cool rooms down to 8 °C.

PACi NX Elite offers a high quality and efficient solution for high temperature refrigeration applications for facilities such as wine cellars, food processing facilities and supermarkets.

Refer to page 31 in the Commercial section for more details.

Outdoor units	MT	4,0 kW	7,0 kW	8,0 kW	15,0 kW	16,0 kW	29,0 kW
	LT	2,0 kW		4,0 kW		8,0 kW	15,0 kW

2 HP MT / LT
(200VF5A)



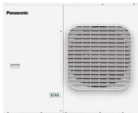
OCU-CR200VF5A
OCU-CR200VF5A-PRV

4 HP MT
(400VF8)



OCU-CR400VF8
OCU-CR400VF8-PRV

4 HP MT / LT
(400VF8A)



OCU-CR400VF8A
OCU-CR400VF8A-PRV

10 HP MT
(1000VF8)



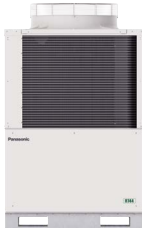
OCU-CR1000VF8
OCU-CR1000VF8-PRV

10 HP MT / LT
(1000VF8A)



OCU-CR1000VF8A
OCU-CR1000VF8A-PRV

20 HP MT / LT
(2000VF8A)



OCU-CR2000VF8A
OCU-CR2000VF8A-PRV

Superior cooling capacity at each evaporating temperature.

CO₂ transcritical condensing units - CR Series have a high cooling capacity at each set point. The CO₂ 2-stage compressor developed by Panasonic is designed to compress CO₂ refrigerant twice; it reduces the load in operation by half (compared to 1-stage refrigerant compression) and delivers increased durability and reliability.

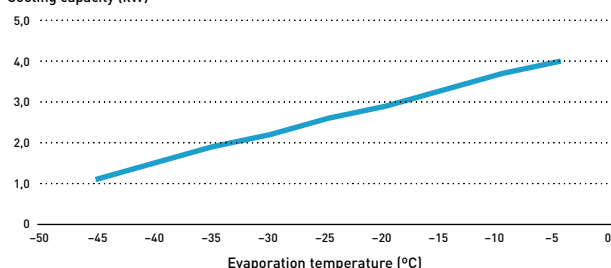
Units can be programmed to run at low and medium temperatures at initial set-up. These settings can then be modified by turning a simple and user friendly rotary switch to further enhance energy savings.

MT/LT Type: 200VF5A - 4 / 2 kW.

3,83 SEPR cooling.
1,92 SEPR freezing.

* SEPR values has been tested at 3-part laboratory.

OCU-CR200VF5A(SL) ¹⁾.
Cooling capacity (kW)

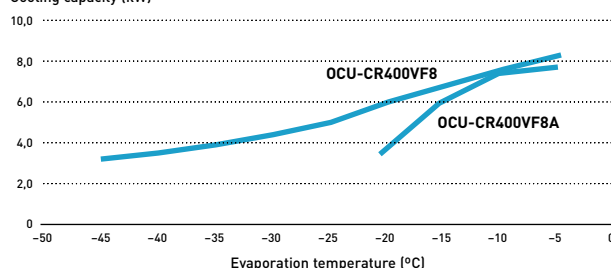


MT Type: 400VF8 - 7,5 kW. MT/LT Type: 400VF8A - 8 / 4 kW.

2,45 SEPR cooling.
1,56 SEPR freezing.

* Model 400VF8A.

OCU-CR400VF8(SL) / OCU-CR400VF8A(SL) ²⁾.
Cooling capacity (kW)

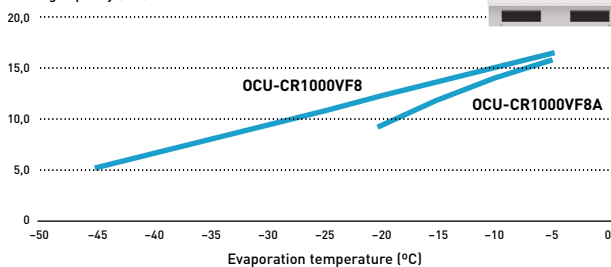


MT Type: 1000VF8 - 15 kW. MT/LT Type: 1000VF8A - 16 / 8 kW.

2,86 SEPR cooling.
1,49 SEPR freezing.

* Model 1000VF8A.

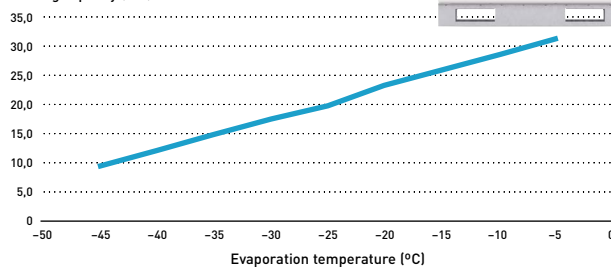
OCU-CR1000VF8(SL) / OCU-CR1000VF8A(SL) ²⁾.
Cooling capacity (kW)



NEW MT/LT Type: 2000VF8A - 29 / 15 kW.

3,10 SEPR cooling.
1,64 SEPR freezing.

OCU-CR2000VF8A(SL) ¹⁾.
Cooling capacity (kW)



1) Ambient temperature: 32 °C, 230 V, refrigerant: R744, suction gas temperature: 18 °C. 2) Ambient temperature: 32 °C, 400 V, refrigerant: R744, suction gas temperature: 18 °C.

1 Superior efficiency with reliable quality

- Panasonic has combined the 2-stage compressor with the split cycle for increased efficiency
- High seasonal performance. SEPR: Maximum 3,83 in cooling, 1,92 in freezing ¹⁾
- High COP at high ambient temperature

1) 200VF5A.

2 Heat recovery port ¹⁾ as renewable energy

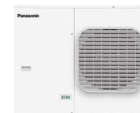
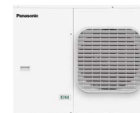
- Maximum 16,7 kW ²⁾ of heating for free
- Optional possibility to get subsidy (depending on location)
- Easy connection process

1) For models 1000VF8A and 2000VF8A. 2) For model 1000VF8A.

3 Flexible installation

- Set-points at medium or low temperature available depending on applications
- Compact unit
- Silent operation
- Long piping length: Maximum 100 m ²⁾
- High external static pressure
- Transfer pressure control for stable electric expansion valve control in showcases ²⁾

2) For models 1000VF8A and 2000VF8A.

CO₂ condensing units - CR Series

Standard outdoor unit			OCU-CR200VF5A	OCU-CR400VF8	OCU-CR400VF8A
Outdoor unit with PRV Fitted			OCU-CR200VF5A-PRV	OCU-CR400VF8-PRV	OCU-CR400VF8A-PRV
Type (MT: medium temperature, LT: low temperature)			MT (4 kW) / LT (2 kW)	MT (7,5 kW)	MT (8 kW) / LT (4 kW)
Power supply	Voltage	V	220/230/240	380/400/415	380/400/415
	Phase		Single phase	Three phase	Three phase
	Frequency	Hz	50	50	50
Cooling capacity at ET -10 °C AT 32 °C		kW	3,70	6,89	7,52
Cooling capacity at ET -35 °C AT 32 °C		kW	1,80	—	3,77
SEPR cooling at ET -10 °C AT 32 °C			3,83	3,17	3,20
SEPR freezing at ET -35 °C AT 32 °C			1,92	—	1,73
Annual electricity consumption at ET -10 °C AT 32 °C		kWh/a	6797	13384	14488
Annual electricity consumption at ET -35 °C AT 32 °C		kWh/a	8021	—	16255
Evaporator connection			Multiple	Multiple	Multiple
Evaporation temperature	Min ~ Max	°C	-45 ~ -5	-20 ~ -5	-45 ~ -5
Ambient temperature	Min ~ Max	°C	-20 ~ +43	-20 ~ +45	-20 ~ +45
Refrigerant			R744	R744	R744
Design pressure liquid line		Mpa	12	8	8
Design pressure suction line		Mpa	8	8	8
User system external alarm. Digital input. Non-voltage contact			Yes	Yes	Yes
Liquid tube electromagnetic valve		Vac	220/230/240	220/230/240	220/230/240
Showcase operation ON / OFF signal. Digital input. Non-voltage contact			Yes	Yes	Yes
Modbus communication line (RS485)		Ports	Yes	Yes	Yes
Compressor type			2- stage rotary	2- stage rotary	2- stage rotary
Dimension	HxWxD	mm	930 x 900 x 437	948 x 1143 x 609	948 x 1143 x 609
Net weight		Kg	70	136	149
Piping diameter ¹⁾	Suction pipe	Inch (mm)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)
	Liquid pipe	Inch (mm)	1/4 (6,35)	3/8 (9,52)	3/8 (9,52)
Length of connection piping		m	25	50 ²⁾	50 ²⁾
PED		CAT	I	II	II
Air flow		m ³ /min	54	59	59
External static pressure		Pa	17	50	50
Heat recovery port			—	—	Yes
Standard performance	Ambient temperature	°C	32	32	32
	Evaporating temperature	°C	-10	-35	-10
	Cooling capacity	kW	3,70	6,89	7,52
	Power consumption	kW	1,79	4,00	4,51
	Nominal load ampere	A	7,94	6,14	7,20
	Sound pressure	dB(A)	35,5 ³⁾	33,0 ⁴⁾	36,1 ⁴⁾
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	—	—	—
Suction filter, Ø19,05 mm (outer Ø welding)		S-008T / S-008T1	—	Yes (included)	Yes (included)
RRP		£	10,298/10,608	16,503/16,999	22,568/23,245

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) ET-10 °C, 65 S-1, 10 m from product. 4) ET-10 °C, 80 S-1, 10 m from product.





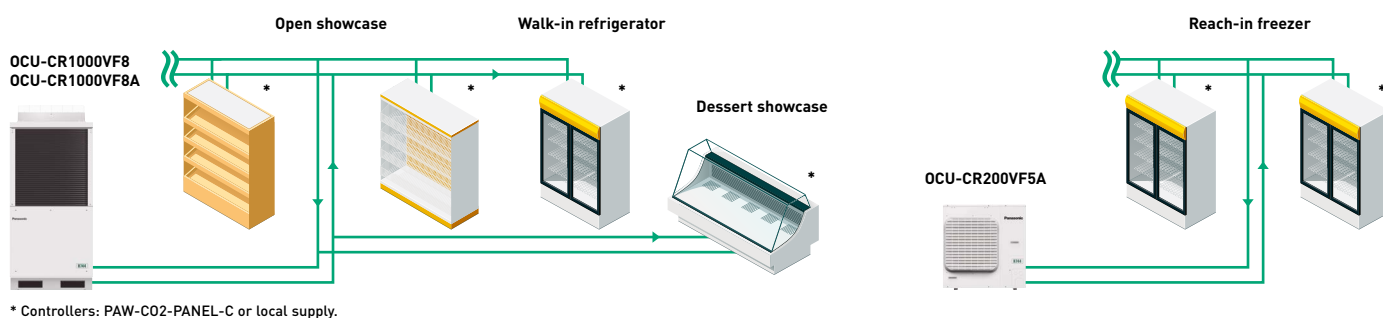
Standard outdoor unit			OCU-CR1000VF8	OCU-CR1000VF8A	OCU-CR2000VF8A
Outdoor unit with PRV Fitted			OCU-CR1000VF8-PRV	OCU-CR1000VF8A-PRV	OCU-CR2000VF8A-PRV
Type (MT: medium temperature, LT: low temperature)			MT (15 kW)	MT (16 kW) / LT (8 kW)	MT (29 kW) / LT (15 kW)
Power supply	Voltage	V	380/400/415	380/400/415	380/400/415
	Phase		Three phase	Three phase	Three phase
	Frequency	Hz	50	50	50
Cooling capacity at ET -10 °C AT 32 °C		kW	14,00	15,10	28,70
Cooling capacity at ET -35 °C AT 32 °C		kW	—	8,00	14,70
SEPR cooling at ET -10 °C AT 32 °C			2,62	2,86	3,14
SEPR freezing at ET -35 °C AT 32 °C			—	1,49	1,64
Annual electricity consumption at ET -10 °C AT 32 °C		kWh/a	32815	32409	56306
Annual electricity consumption at ET -35 °C AT 32 °C		kWh/a	—	39985	66660
Evaporator connection			Multiple	Multiple	Multiple
Evaporation temperature	Min – Max	°C	-20 ~ -5	-45 ~ -5	-45 ~ -5
Ambient temperature	Min – Max	°C	-20 ~ +43	-20 ~ +43	-20 ~ +45
Refrigerant			R744	R744	R744
Design pressure liquid line		Mpa	8	8	8
Design pressure suction line		Mpa	8	8	8
User system external alarm. Digital input. Non-voltage contact			Yes	Yes	Yes
Liquid tube electromagnetic valve		Vac	220/230/240	220/230/240	—
Showcase operation ON / OFF signal. Digital input. Non-voltage contact			Yes	Yes	Yes
Modbus communication line (RS485)		Ports	Yes	Yes	Yes
Compressor type			2- stage rotary	2- stage rotary	2- stage rotary
Dimension	HxWxD	mm	1941x890x890	1941x890x890	1941x1190x890
Net weight		Kg	293	320	494
Piping diameter ¹⁾	Suction pipe	Inch (mm)	50,833 ^{3/4} (19,05)	3/4 (19,05)	1 1/8 (28.58) and 7/8 (22,22)
	Liquid pipe	Inch (mm)	5/8 (15,88)	5/8 (15,88)	3/4 (19,05)
Length of connection piping		m	100 ²⁾	100 ²⁾	100 ²⁾
PED		CAT	II	II	II
Air flow		m³/min	220	220	220
External static pressure		Pa	58	58	58
Heat recovery port			—	Yes	Yes
Standard performance	Ambient temperature	°C	32	32	32
	Evaporating temperature	°C	-10	-10	-35
	Cooling capacity	kW	14,00	15,10	28,70
	Power consumption	kW	8,20	8,20	15,70
	Nominal load ampere	A	12,60	12,60	24,31
	Sound pressure	dB(A)	36,0 ³⁾	36,0 ³⁾	42,0 ³⁾
Necessary accessories					
Drier filter liquid line, Ø6,35 mm		D-152T / DCY-P12	—	—	—
Drier filter liquid line, Ø15,88 mm		D-155T / DCY-P8	Yes (included)	Yes (included)	Yes (included)
Suction filter, Ø19,05 mm (outer Ø welding)		S-008T / S-008T1	Yes (included)	Yes (included)	Yes (included)
RRP		£	26,460/27,253	29,902/30,800	50,833/52,359

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 if >50 m. 3) ET -10 °C, 60 S-1, 10 m from product.



Showcases.

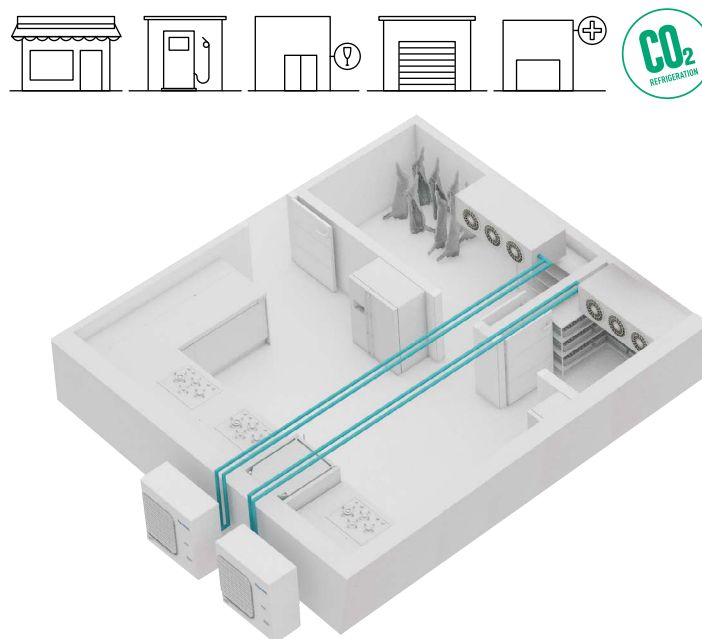
Convenience stores, supermarkets, gas-stations.



Cold room application to keep food fresh

Multiple installation capabilities. Unparalleled flexibility:

- Food retail applications (convenience store, supermarkets, gas-stations)
- Food service applications (restaurants, canteens, schools)
- Non-food applications (warehousing, industrial storage, healthcare)



Cold room application integrated with PACi NX Series

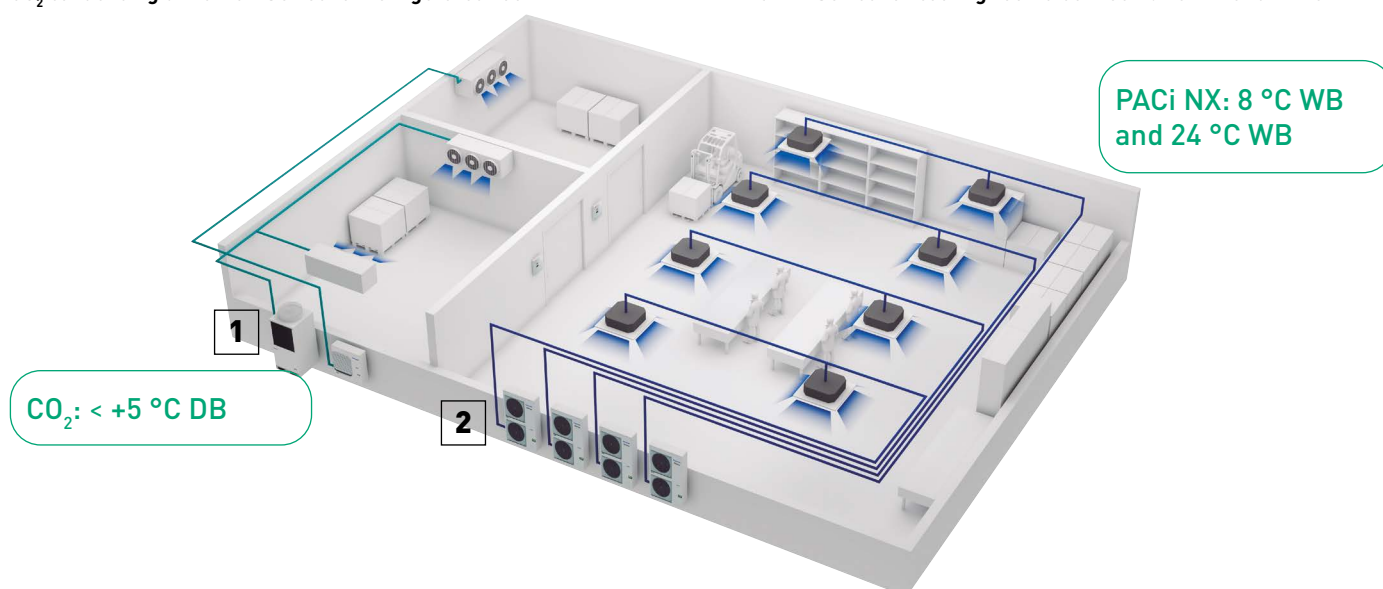
Panasonic offers various solutions for cold rooms by combining a wide range of products. Integrated with PACi NX Series, it allows for flexible design and installation.



CO₂ condensing units - CR Series for refrigerated room.



PACi NX Series for cooling rooms between 8 °C WB and 24 °C WB.



Control panel and electric expansion valves			RRP £
 	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V03CWAC0.	KIT-C02-PANEL-C-03	1,992
	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V05CWAC0.	KIT-C02-PANEL-C-05	1,992
	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V09CWAC0.	KIT-C02-PANEL-C-09	1,992
	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V11CWAC0.	KIT-C02-PANEL-C-11	1,992
	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V14CWAC0.	KIT-C02-PANEL-C-14	1,992
	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V18CWAC0.	KIT-C02-PANEL-C-18	1,992
	Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E2V24CWAC0.	KIT-C02-PANEL-C-24	1,992
Panel-C + MPXPRO control, stator, probes, etc + EEV 3/8" (9,52) ODF high pressure, size E3V30CWM00.			1,992
Accessories			RRP £
 	Service adaptor for vacuum and service (HP and LP port) for all outdoor units*.	SPK-TU125	194
	Lubrication Oil PZ-68S (0,5L) for all outdoor units**.	CZ-C02LBROL500	114
CO ₂ service checker			RRP £
	CO ₂ service checker for commissioning, maintenance and troubleshooting.	PAW-C02-CHECKER	569

* 2 pcs. are recommended for the 2000VF8A. ** 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.

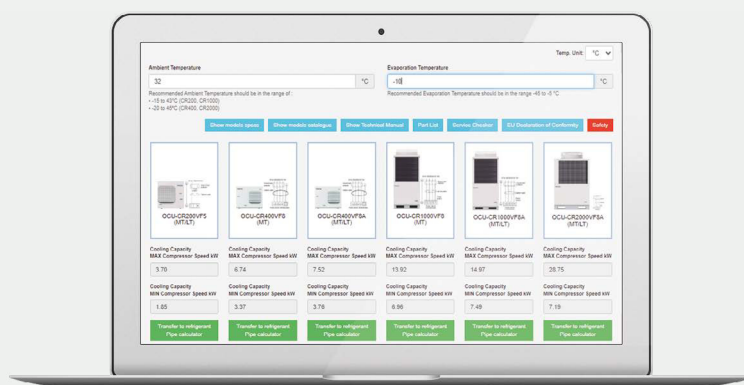
Refrigeration designer available in Panasonic PRO Club.



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

- Evaporation temperature selection
- Cooling capacity calculator
- Refrigerant pipe calculation
- Electric expansion valves calculation
- Refrigerant amount calculation

Ready to work on all devices, computers, tablets and smartphones!!



PRO Club

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



Legacy Sanyo replacement technology from Panasonic

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
	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.

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

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

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

SPW-C0705DZH8	U-8MF3E8
SPW-C0905DZH8	U-10MF3E8
SPW-C1155DZH8	U-12MF3E8
SPW-C1305DZH8	U-14MF3E8
SPW-C1405DZH8	U-16MF3E8

VRF - 4 Series outdoor units - 3-Pipe

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.

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.



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.

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.

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.

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-256ESMC3
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.

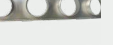
PACi Outdoor Systems

Sanyo Outdoor Unit	Panasonic Outdoor	Sanyo Pipe Size	Panasonic Pipe Size
18	U-50	1/4 - 1/2	1/4 - 1/2
25	U-71	3/8 - 5/8	1/4 - 5/8
36	U-100	3/8 - 5/8	3/8 - 5/8
48	U-125	3/8 - 5/8	3/8 - 5/8
60	U-140	3/8 - 5/8	3/8 - 5/8
70	U-200	3/8 - 1 1/8	1/2 - 7/8
90	U-250	1/2 - 1 1/8	1/2 - 7/8

Please be aware that if pipe sizes are different additional restrictions may apply.

PACi Indoor Systems

Type	Sanyo reference	Panasonic equivalent	Sanyo Indoor Size	Sanyo Nominal kW	Panasonic Wall (PK)	Panasonic Compact Cassette (PY)	Panasonic Cassette (PU), Ceiling (PT), Ducted (PF)	"Panasonic High Static Ducted (PE)"
4-Way Cassette	X	PU	12	3.6	2545	36	3650	-
4-Way Compact Cassette	XM	PY	16	4.2	2545	-	3650	-
Wall Mounted	K	PK	18	5	5010	50	3650	-
Ceiling Mounted	T	PT	25	7.1	5010	-	6071	-
Ducted	U	PF	36	10	5010	-	1014	-
Slim Ducted	US	N/A	48	12.5	-	-	1014	-
High Static Ducted	D	PE	60	14	-	-	1014	-
Elite Outdoor	VE	PZH	70	20	-	-	-	200
Standard Outdoor	V	PZ	90	25	-	-	-	250

Additional Accessories			RRP £
	10 metre flow box extension lead.	PAW-UK-FLOW-EXT10	49
	25 metre flow box extension lead.	PAW-UK-FLOW-EXT25	67
	Pre-heater kit for model 250 - 350.	PAW-UK-HEATER-KIT1	589
	Pre-heater kit for model 500.	PAW-UK-HEATER-KIT2	641
	Pre-heater kit for model 800 - 1000.	PAW-UK-HEATER-KIT3	641
	PACi unit fan interface including relay.	PAW-UK-SMF1	50
	RAC unit return air sensor extension.	PAW-UK-RACSENSOR	29
	Leak detector - curved white - 2 relay.	PAW-UK-LD-RD-CW2	239
	Leak detector - stainless steel - 2 relay.	PAW-UK-LD-RD-SS2	248
	Leak detector - white - 2 relay.	PAW-UK-LD-RD-W2	228
	Single leak detector power supply.	PAW-UK-RD-em-PS2	67
	4 way leak detector power supply.	PAW-UK-RD-em-PS4	216
	Plastic flushmount 47 mm back box for leak detector (rd-em).	PAW-UK-PC3RDEM-FMBB	3
	IMEC - rad 32 channel leak detector monitoring unit.	PAW-UK-IMEC-RAD32	2,081
	IMEC - rad 64 channel leak detector monitoring unit.	PAW-UK-IMEC-RAD64	3,364
	Test kit case + ancillary equipment.	PAW-UK-LD-Test-Kit	451
	Test gas (10,000 ppm R410A in air).	PAW-UK-LD-Test-Gas	423
	Outlet plenum - S-3650PF3E & MF3 indoor sizes 15, 22, 28, 36 & 50.	PAW-UK-NXPF-2DUCT	66
	Inlet plenum - S-3650PF3E & MF3 indoor sizes 15, 22, 28, 36 & 50.	PAW-UK-NXPF-2DUCTRETURN	150
	Outlet plenum - S-6071PF3E & MF3 indoor sizes 60, 73, & 90.	PAW-UK-NXPF-3DUCT	89
	Inlet plenum - S-6071PF3E & MF3 indoor sizes 60, 73, & 90.	PAW-UK-NXPF-3DUCTRETURN	164
	Outlet plenum - S-1014PF3E & MF3 indoor sizes 106, 140, & 160.	PAW-UK-NXPF-4DUCT	110
	Inlet plenum - S-1014PF3E & MF3 indoor sizes 106, 140, & 160.	PAW-UK-NXPF-4DUCTRETURN	212
	5 Amp fuse for non NX units.	PAW-UK-PACi-5A	6

	10 Amp fuse for non NX units (high static ducted).	PAW-UK-PACi-10A	6
	Power supply for Intesis.	PAW-UK-INT-PWR	21
	Power supply for Smart Cloud router.	PAW-UK-SMCL-PWR	25
	Back box for heat recovery unit remote controller.	PAW-UK-HRV-RC-BOX	14
	Units with 1 fan stripdown.	SVC-VRF-SD1	3,450
	Units with 2 fans stripdown.	SVC-VRF-SD2	3,450
	PACi units stripdown.	SVC-PAC-SD	3,450

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 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 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-TAW1C adapter*

* CZ-TAW1C Installation is mandatory on all Air to Water installations for 7 year warranty to be granted. For retrofit installations, the CZ-TAW1C 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.



For full warranty terms and conditions visit: https://www.aircon.panasonic.eu/GB_en/downloads/others/

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



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.aircon.panasonic.eu**.



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 maximised 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.

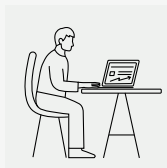


Warranty.

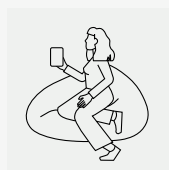
In accordance with the regulations, Panasonic guarantees its products against hidden defects. Moreover, Panasonic grants to the professional purchaser a commercial warranty, specific to the product families, subject to compliance of all the rules of installation and use of its products.

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.aircon.panasonic.eu** for contacting us.
Panasonic has implemented a contact page on the Panasonic Heating & Cooling Solutions website for potential or existing Panasonic customers.



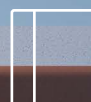
Another option is to contact the highly experienced teams at the Panasonic customer service center, who are more than qualified to support Panasonic clients in 13 different languages across Europe.

Our service center for United Kingdom end customers:

0808 208 2115

Mo-Fr 9-17h

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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.

