

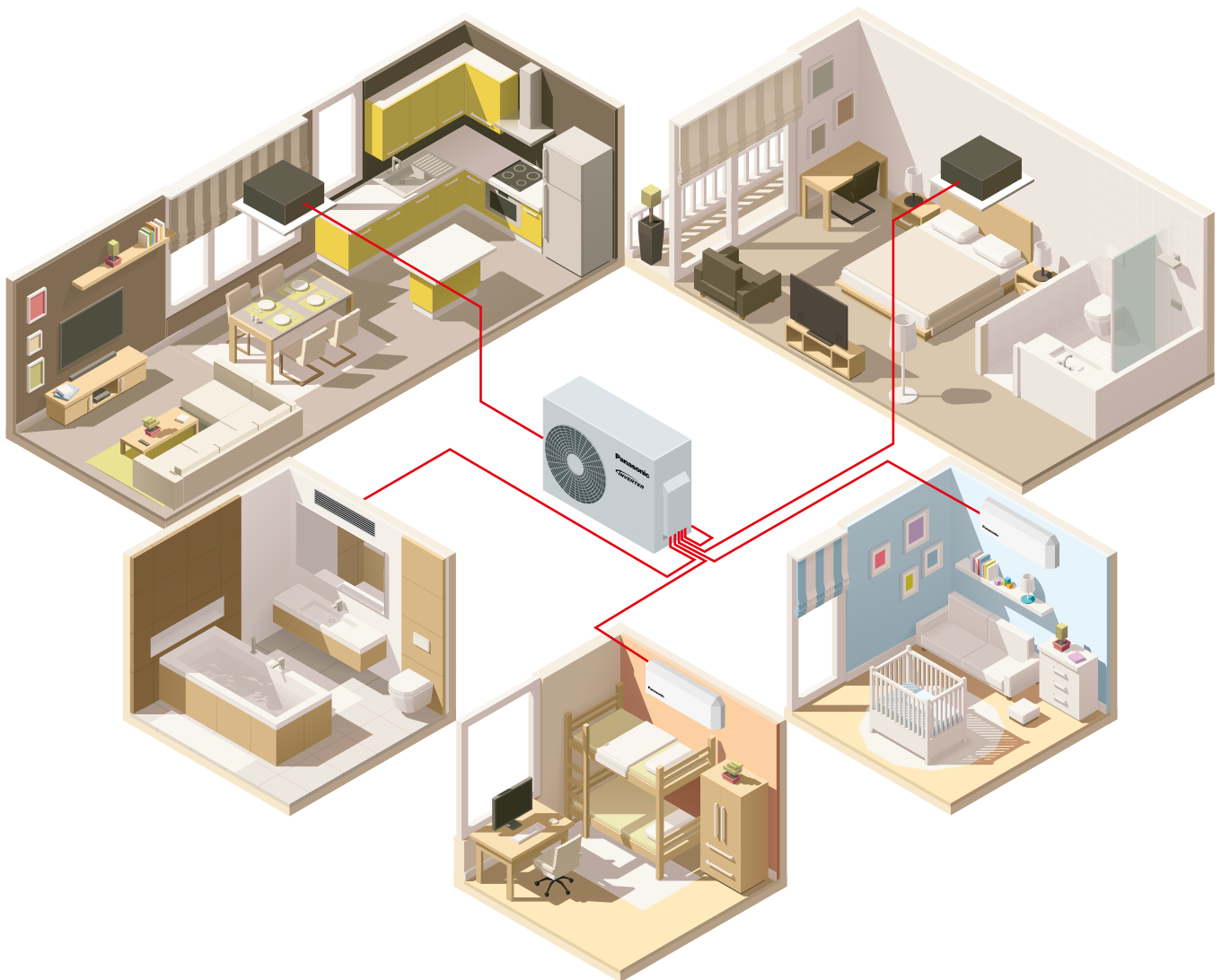


Free Multi System Z

- Up to 5 indoor units with a single outdoor unit
- Up to 5 rooms with individual control
- Etherea and floor Console with nanoe™ X, technology with the benefits of hydroxyl radicals
- Wide choice of indoor units to adapt to each room
- High Efficiency: Up to A+++ energy efficiency Class
- Flexible installation, compact units and large connection distance
- Indoor units compatible with internet and voice control

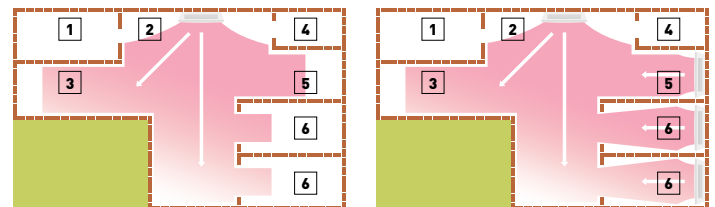


For maximum flexibility and customisation the Free Multi has the answer



Panasonic Free Multi bring comfort to your whole home or office. One compact, single unit can connect with up to five indoor units, saving space outside. Each room will have independent control so occupants can enjoy more precise temperature control and energy savings when the room is not in use. New generation refrigerant R32 allows excellent performance credentials, achieving A+++ and minimizing the environmental impact.

Why a Multi Split is better than several separate split units



Solution with single split.

One indoor unit is connected to one outdoor unit. The indoor unit is placed in the main hallway and heats the entire house. Certain rooms may not be perfectly heated, which causes inadequate comfort.

Solution with Multi Split.

With one outdoor unit, you can connect up to five indoor units. There is one indoor unit per room or area. It gives an extreme increase in comfort levels. On the roof, there is only one outdoor unit.

1. Laundry room. 2. Entrance. 3. Kitchen/dining area. 4. Bathroom. 5. Living room. 6. Bedroom.



Full flexibility up to 9,0 kW and up to 5 ports with wide range of indoor units including high performance Etherea indoor units, reaching up to A+++ / A++

New Etherea with nanoe™ X technology

A smart solution to keep your home clean, comfortable and welcoming

The smart, new Etherea now comes with nanoe™ X technology with the benefits of hydroxyl radicals. With advanced control options, class-leading performance, a stylish design and intelligent features, Etherea is designed to make your home comfortable, clean and the ideal place to be.

Technology for the ultimate comfort

Introducing the Aerowings 2.0 to the Etherea range

Panasonic's Aerowings technology consists of two independent flexible vanes that concentrate airflow to heat or cool a room in the shortest time possible and helps distribute air evenly throughout a room. Thanks to the larger sub vane (72 mm), which is more than doubled in size than other conventional designs, the ability to lift airflow has been further improved.

R32 refrigerant environmental friendly

R32

R32, an innovative refrigerant in all ways imaginable: it is easy to install, and compared to most other refrigerants it has a much lower environmental impact and saves energy. The result? Greater wellbeing for people and for the planet.



A+++

Highly energy efficient for all your needs

Economical, environment-friendly operation high SCOP (Seasonal Coefficient of Performance). Original Panasonic Inverter technology and a high performance compressor provide top-class operating efficiency. This lets you enjoy lower electricity bills while contributing to environmental protection.

Easily control and access all features of remote control anytime, anywhere.

Smart Control: Control multiple AC units in 1 location / Control multiple units in multiple locations

Smart Comfort: Remotely access all AC features / Activate 24-hour nanoe™ X / Pre-cool space

Smart Efficiency: Analyse energy usage patterns / Compare usage history for better budget planning

Smart Assist: Effortless troubleshooting / Assign other users while you are away

1) nanoe™ X is available in certain series. 2) Estimated energy consumption data accuracy depends on power supply quantity. 3) Contact trained technicians to perform any repairing/service.



Voice Control. Words do more than actions

Control without boundaries and get hands-free help to fully access the features of your air conditioners. Maximising your cooling comfort is now a breeze with our Network-Enabled air conditioners with Panasonic Comfort Cloud and Voice Control.

Get multiple things done with your voice

Simplify your day with your personalised routine by grouping individual actions.

With the routine function, you can control multiple voice-controlled devices including our network-enabled air conditioners.

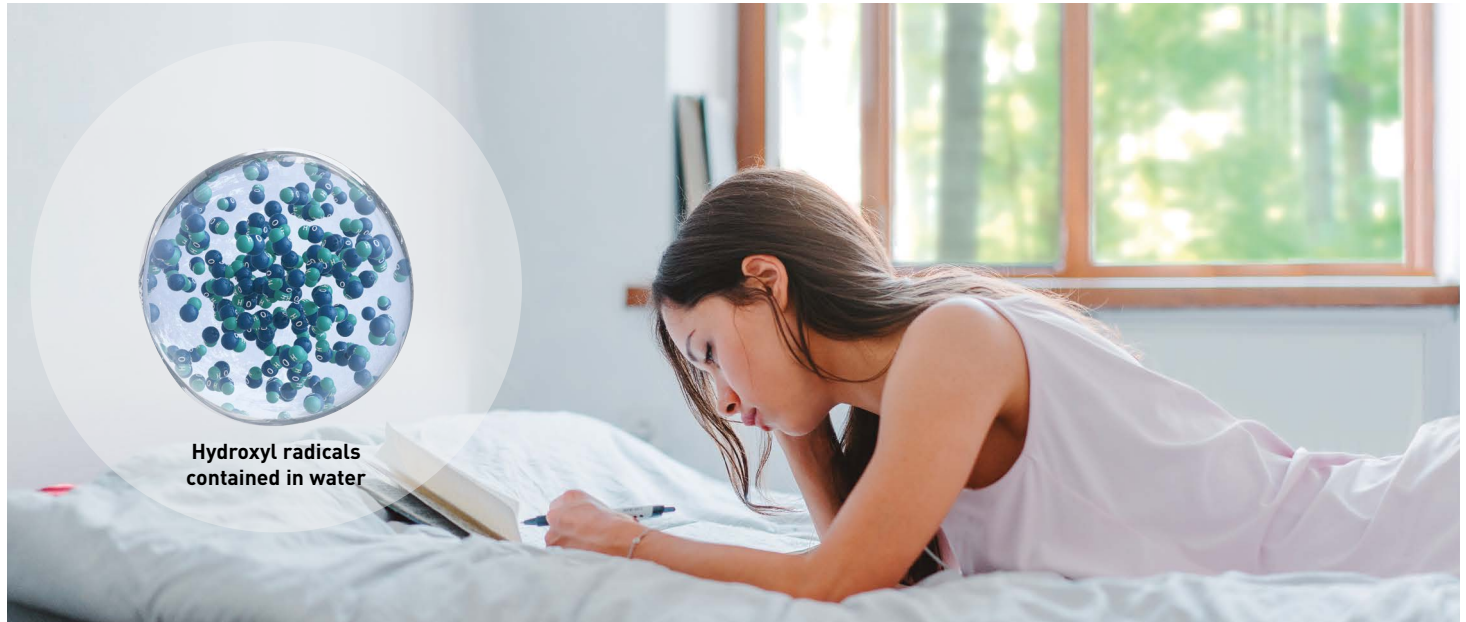


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Bringing nature's balance indoors



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



Hydroxyl radicals
contained in water

Abundant in nature, hydroxyl radicals (also known as OH radicals) have the capacity to inhibit pollutants, viruses, and bacteria to clean and deodorise. nanoe™ X technology can bring these incredible benefits indoors so that hard surfaces, soft furnishings, and the indoor environment can be a cleaner and pleasant place to be.

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

By creating hydroxyl radicals contained in water, nanoe™ X technology significantly boosts their effectiveness, increasing hydroxyl radicals lifetime from less than a second in nature, to more than 600 seconds – 10 minutes so that nanoe™ X can spread easily around the room.

The nanoe™ X performance varies depending on the room size, environment and usage and it may take several hours to reach the full effect. nanoe™ X is not medical device, local regulations on building design and sanitary recommendations must be followed.

7 effects of nanoe™ X – Panasonic unique technology

Deodorises



Odours

Capacity to inhibit 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



Hazardous substances

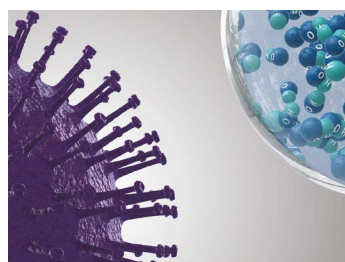


Skin and hair

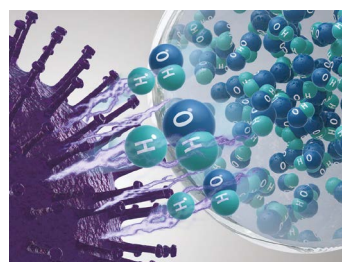
* Refer to <https://aircon.panasonic.eu> for more details and validation data.

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

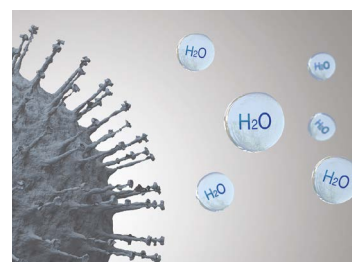
Thanks to the nanoe™ X properties, several types of pollutants can be inhibited such as certain types of bacteria, viruses, mould, allergens, pollen and certain hazardous substances.



nanoe™ X reliably reaches pollutants.



Hydroxyl radicals denature pollutants' proteins.



Pollutants activity is inhibited.

If air conditioning requirements exceed the scope of a single room, Panasonic offers an extensive range of possibilities with a multi split solution.

Up to 5 indoor units can be connected to a single outdoor unit.



New Wall Mounted Etherea Silver / Pure White Matt

Etherea with nanoe™ X technology

With a new sleek design, an outstanding efficiency A+++, advanced smart control that allows to connect with voice assistant and Aerowings 2.0 for the ultimate comfort.



Wall Mounted TZ Compact Style

Compact and elegant design with only 779 mm wide.

The perfect air conditioner for the smallest spaces in your home (including the limited space above a door). With PM2.5 filter and built-in Wi-Fi.



Floor Console

With new nanoe™ X technology.

A breakthrough design that integrates perfectly with the most modern environments, providing high comfort and energy efficiency.



4 Way 60x60 Cassette

Designed for easy installation.

Specially designed for homes, offices, retail and restaurant applications. This cassette fits perfectly into 60x60 ceiling grids.



Low Static Pressure Hide Away

Extremely compact indoor units (only 200 mm high).

This duct is ideal for small rooms where the air conditioning and the heating should be nicely integrated and where high comfort and efficiency is needed.

A wide range of possibilities

Panasonic offers you the solution that perfectly matches your project in terms of total capacity, single indoor capacity and indoor type choice. Size, performance, quiet operation and other exceptional features can be chosen amongst Panasonic's free multi range.

Outdoor Unit. System Capacity (Min - Max Indoor Cooling Capacity Nominal)

2 Rooms		3 Rooms		4 Rooms		5 Rooms	
3,2 - 6,0kW	3,2 - 6,0kW	3,2 - 7,7kW	4,5 - 9,5kW	4,5 - 11,2kW	4,5 - 11,5kW	4,5 - 14,7kW	4,5 - 18,3kW
CU-2Z35TBE	CU-2Z41TBE	CU-2Z50TBE	CU-3Z52TBE	CU-3Z68TBE	CU-4Z68TBE	CU-4Z80TBE	CU-5Z90TBE

Indoor units • R32 GAS

Capacity		16	20	25	35	42	50	60	71
NEW Etherea Silver / Pure White Matt		CS-MZ16XKE	CS-XZ20XKEW CS-Z20XKEW	CS-XZ25XKEW CS-Z25XKEW	CS-XZ35XKEW CS-Z35XKEW	CS-Z42XKEW	CS-XZ50XKEW CS-Z50XKEW		CS-Z71XKEW
Wall Mounted TZ Compact Style		CS-MTZ16WKE	CS-TZ20WKEW	CS-TZ25WKEW	CS-TZ35WKEW	CS-TZ42WKEW	CS-TZ50WKEW	CS-TZ60WKEW	CS-TZ71WKEW
Floor Console*			CS-MZ20UFEA	CS-Z25UFEAW	CS-Z35UFEAW		CS-Z50UFEAW		
4 Way 60x60 Cassette			CS-MZ20UB4EA / CZ-BT20EW	CS-Z25UB4EAW / CZ-BT20EW	CS-Z35UB4EAW / CZ-BT20EW		CS-Z50UB4EAW / CZ-BT20EW	CS-Z60UB4EAW / CZ-BT20EW	
Low Static Pressure Hide Away			CS-MZ20UD3EA	CS-Z25UD3EAW	CS-Z35UD3EAW		CS-Z50UD3EAW	CS-Z60UD3EAW	

* Compatible only with 2 ports R32 outdoor CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE.



Outdoor unit Free Multi System Z • R32

Indoor nominal capacity (Min - Max)			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		
Unit			CU-2Z35TBE	CU-2Z41TBE	CU-2Z50TBE	CU-3Z52TBE	CU-3Z68TBE	CU-4Z68TBE	CU-4Z80TBE	CU-5Z90TBE		
Cooling capacity	Nom. (Min - Max)	kW	3,50(1,50-4,50)	4,10(1,50-5,20)	5,00(1,50-5,40)	5,20(1,80-7,30)	6,80(1,90-8,00)	6,80(1,90-8,80)	8,00(3,00-9,20)	9,00(2,90-11,50)		
	Nom. (Min - Max)	W/W	4,86(6,00-4,09)	4,56(6,00-3,80)	4,24(6,00-3,62)	4,77	3,66(7,04-3,38)	4,39(5,59-3,56)	4,04(5,66-3,21)	4,09(5,27-2,98)		
SEER ²⁾			8,50 A+++	8,50 A+++	8,50 A+++	8,50 A+++	8,00 A++	8,00 A++	7,90 A++	8,50 A+++		
Pdesign (cooling)			kW	3,50	4,10	5,00	5,20	6,80	6,80	8,00	9,00	
Input power cooling			Nom. (Min - Max)	kW	0,72(0,25-1,10)	0,90(0,25-1,37)	1,18(0,25-1,49)	1,09(0,36-2,18)	1,86(0,27-2,37)	1,55(0,34-2,47)	1,98(0,53-2,87)	2,20(0,55-3,86)
Annual energy consumption ³⁾			kWh/a	144	169	206	214	298	298	990	1100	
Heating capacity			Nom. (Min - Max)	kW	4,20(1,10-5,60)	4,60(1,10-7,00)	5,60(1,10-7,20)	6,80(1,60-8,30)	8,50(3,30-10,40)	8,50(3,00-10,60)	9,40(4,20-10,60)	10,40(3,40-14,50)
Heating capacity at -7 °C			kW	—	—	—	3,95	4,45	4,45	—	—	
COP ¹⁾			Nom. (Min - Max)	W/W	4,88(5,24-4,18)	4,79(5,24-3,91)	4,63(5,24-4,00)	4,63(5,00-3,82)	3,95(5,32-3,64)	4,47(5,17-3,96)	4,63(6,00-3,46)	4,84(6,42-3,42)
SCOP ²⁾				4,60 A++	4,60 A++	4,60 A++	4,20 A+	4,20 A+	4,20 A+	4,70 A++	4,68 A++	
Pdesign at -10 °C			kW	3,20	3,50	4,20	5,00	5,20	5,80	6,80	8,50	
Input power heating			Nom. (Min - Max)	kW	0,86(0,21-1,34)	0,96(0,21-1,79)	1,21(0,21-1,80)	1,47(0,32-2,17)	2,15(0,62-2,86)	1,90(0,58-2,68)	2,03(0,70-3,06)	2,15(0,53-4,24)
Annual energy consumption ³⁾			kWh/a	974	1065	1278	1667	1733	1933	2026	2543	
Current			Cool / Heat	A	3,35/4,00	4,15/4,45	5,35/5,50	5,00/6,70	8,40/9,70	7,00/8,60	9,50/9,50	10,50/10,10
Power source			V	230	230	230	230	230	230	230	230	
Recommended fuse			A	16	16	16	16	16	20	20	25	
Recommended power cable section			mm ²	2,5	2,5	2,5	2,5	2,5	2,5	2,5	3,5	
Sound pressure ⁴⁾			Cool / Heat (Hi)	dB(A)	48/50	48/50	50/52	47/48	51/52	49/50	51/52	53/54
Dimension ⁵⁾			H x W x D	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	795 x 875 x 320	795 x 875 x 320	795 x 875 x 320	999 x 940 x 340	999 x 940 x 340
Net weight			kg	39	39	39	71	71	72	80	81	
Pipe diameter			Liquid pipe	Inch (mm)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)
			Gas pipe	Inch (mm)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)
Pipe length range total ⁶⁾			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	
Pipe length for additional gas			m	20	20	20	30	30	30	45	45	
Additional gas amount			g/m	15	15	15	20	20	20	20	20	
Refrigerant (R32) / CO ₂ Eq.			kg / T	1,12/0,756	1,12/0,756	1,12/0,756	2,10/1,418	2,10/1,418	2,10/1,418	2,72/1,836	2,72/1,836	
Operating range			Cool Min ~ Max	°C	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46	
			Heat Min ~ Max	°C	-15~+24	-15~+24	-15~+24	-15~+24	-15~+24	-15~+24	-15~+24	
Outdoor unit RRP			€									

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The sound pressure of the units shows the value measured of a position 1 m in front and 1 m in rear side of the main body. The sound pressure is measured in accordance with JIS C 9612. 5) Add 70 or 95 mm for piping port. 6) Minimum piping length is 3 meters per indoor unit.

Possible outdoor / indoor units combinations • R32

Rooms	Model	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	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42
2	CU-2Z35TBE	3,2~6,0 kW	✓	✓	✓	✓				✓	✓	✓	✓					✓	✓	✓					✓	✓	✓					✓	✓	✓					
	CU-2Z41TBE	3,2~6,0 kW	✓	✓	✓	✓				✓	✓	✓	✓					✓	✓	✓					✓	✓	✓					✓	✓	✓					
	CU-2Z50TBE	3,2~7,7 kW	✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾			✓	✓	✓	✓	✓ ¹⁾				✓	✓	✓					✓	✓	✓					✓	✓	✓				
3	CU-3Z52TBE	4,5~9,5 kW	✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾			✓	✓	✓	✓	✓ ¹⁾				✓	✓	✓					✓	✓	✓					✓	✓	✓				
	CU-3Z68TBE	4,5~11,2 kW	✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾			✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾				✓	✓	✓					✓	✓	✓					✓	✓	✓			
4	CU-4Z68TBE	4,5~11,5 kW	✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾			✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾				✓	✓	✓					✓	✓	✓					✓	✓	✓			
	CU-4Z80TBE	4,5~14,7 kW	✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾			✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾				✓	✓	✓					✓	✓	✓					✓	✓	✓		
5	CU-5Z90TBE	4,5~18,3 kW	✓	✓	✓	✓	✓ ¹⁾	✓ ¹⁾			✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾				✓	✓	✓					✓	✓	✓					✓	✓	✓		

1) A CZ-MA1P pipe reducer is needed on the 42 and 50, a CZ-MA2P pipe expander is needed on the 60 and 71, and CZ-MA3P pipe reducer on the 71. 2) Only for Pure White Matt model.
* Compatible only with 2 ports R32 outdoor CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE.

Outdoor Multi combination model

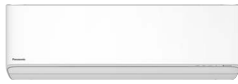
	Model
CS-MZ16XKE / CS-MT216WKE CS-XZ20XKEW / CS-Z20XKEW / CS-TZ20WKEW / CS-MZ20UFEA / CS-MZ20UB4EA / CS-MZ20UD3EA CS-XZ25XKEW / CS-Z25XKEW / CS-TZ25WKEW / CS-Z25UFEAW / CS-Z25UB4EAW / CS-Z25UD3EAW CS-XZ35XKEW / CS-Z35XKEW / CS-TZ35WKEW / CS-Z35UFEAW / CS-Z35UB4EAW / CS-Z35UD3EAW	CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE / CU-3Z52TBE / CU-3Z68TBE / CU-4Z68TBE / CU-4Z80TBE / CU-5Z90TBE
CS-Z42XKEW / CS-TZ42WKEW CS-XZ50XKEW / CS-Z50XKEW / CS-TZ50WKEW / CS-Z50UFEAW / CS-Z50UB4EAW / CS-Z50UD3EAW	CU-2Z50TBE / CU-3Z52TBE / CU-3Z68TBE / CU-4Z68TBE / CU-4Z80TBE / CU-5Z90TBE
CS-TZ60WKEW / CS-Z60UB4EAW / CS-Z60UD3EAW	CU-3Z68TBE / CU-4Z68TBE / CU-4Z80TBE / CU-5Z90TBE
CS-Z71XKEW / CS-TZ71WKEW	CU-4Z80TBE / CU-5Z90TBE

* For CZ-MA3P necessary to use adaptor CZ-MA2P too.

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

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

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



Optional wired
remote controller.
CZ-RD514C

INTERNET CONTROL:
Built-in Wi-Fi.



NEW Wall-mounted Etherea	Indoor unit Silver	Indoor unit Pure White Matt	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ¹⁾	Dimension / Net weight	Piping connections
			kW	kW		mm ²	Cool — Heat (Hi/Lo/S-Lo)	H x W x D
								Inch (mm)
1,6 kW	—	CS-MZ16XKE	1,60	2,60	4 x 1,5	38 / 26 / 21 — 39 / 27 / 21	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)
2,0 kW	CS-XZ20XKEW	CS-Z20XKEW	2,00	3,20	4 x 1,5	39 / 26 / 21 — 40 / 27 / 21	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)
2,5 kW	CS-XZ25XKEW	CS-Z25XKEW	2,50	3,60	4 x 1,5	41 / 27 / 21 — 43 / 29 / 21	295 x 870 x 229 / 10	1/4 (6,35) / 3/8 (9,52)
3,5 kW ²⁾	CS-XZ35XKEW	CS-Z35XKEW	3,50	4,50	4 x 1,5	44 / 30 / 21 — 45 / 35 / 21	295 x 870 x 229 / 11	1/4 (6,35) / 3/8 (9,52)
4,2 kW ³⁾	—	CS-Z42XKEW	4,20	5,60	4 x 1,5	44 / 33 / 27 — 45 / 37 / 31	295 x 870 x 229 / 10	1/4 (6,35) / 1/2 (12,70)
5,0 kW ⁴⁾	CS-XZ50XKEW	CS-Z50XKEW	5,00	6,80	4 x 2,5	44 / 39 / 32 — 46 / 39 / 32	295 x 1 040 x 244 / 12	1/4 (6,35) / 1/2 (12,70)
7,1 kW	—	CS-Z71XKEW	7,10	8,70	4 x 2,5	49 / 40 / 32 — 49 / 40 / 32	295 x 1 040 x 244 / 14	1/4 (6,35) / 5/8 (15,88)



Optional wired
remote controller.
CZ-RD514C

INTERNET CONTROL: Built-in Wi-Fi.



Wall-mounted TZ super-compact	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ¹⁾	Dimension / Net weight	Piping connections
		kW	kW		mm ²	Cool — Heat (Hi/Lo/S-Lo)	H x W x D
							Inch (mm)
1,6 kW*	CS-MTZ16WKE	1,60	2,60	4 x 1,5	38 / 27 / 22 — 39 / 28 / 24	290 x 779 x 209 / 8	1/4 (6,35) / 3/8 (9,52)
2,0 kW	CS-TZ20WKEW	2,00	2,70	4 x 1,5	37 / 25 / 20 — 38 / 26 / 22	290 x 779 x 209 / 8	1/4 (6,35) / 3/8 (9,52)
2,5 kW	CS-TZ25WKEW	2,50	3,30	4 x 1,5	40 / 26 / 20 — 40 / 27 / 22	290 x 779 x 209 / 8	1/4 (6,35) / 3/8 (9,52)
3,5 kW ²⁾	CS-TZ35WKEW	3,50	4,00	4 x 1,5	42 / 30 / 20 — 42 / 33 / 22	290 x 779 x 209 / 8	1/4 (6,35) / 3/8 (9,52)
4,2 kW	CS-TZ42WKEW	4,20	5,00	4 x 1,5	44 / 31 / 29 — 44 / 35 / 34	290 x 779 x 209 / 8	1/4 (6,35) / 1/2 (12,70)
5,0 kW	CS-TZ50WKEW	5,00	5,80	4 x 2,5	44 / 37 / 33 — 44 / 37 / 33	290 x 779 x 209 / 8	1/4 (6,35) / 1/2 (12,70)
6,0 kW	CS-TZ60WKEW	6,00	7,00	4 x 2,5	45 / 37 / 34 — 45 / 37 / 34	302 x 1 102 x 244 / 13	1/4 (6,35) / 1/2 (12,70)
7,1 kW	CS-TZ71WKEW	7,10	8,60	4 x 2,5	47 / 38 / 35 — 47 / 38 / 35	302 x 1 102 x 244 / 13	1/4 (6,35) / 5/8 (15,88)



Optional wired
remote controller.
CZ-RD514C

INTERNET CONTROL: Optional.



Floor console ⁵⁾	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ⁶⁾	Dimension / Net weight	Piping connections
		kW	kW		mm ²	Cool — Heat (Hi/Lo/S-Lo)	H x W x D
							Inch (mm)
2,0 kW	CS-MZ20UFEA	2,00	3,20	4 x 1,5	39 / 27 / 22 — 39 / 27 / 21	600 x 750 x 207 / 13	1/4 (6,35) / 3/8 (9,52)
2,5 kW	CS-Z25UFEAW	2,50	3,60	4 x 1,5	40 / 27 / 22 — 40 / 27 / 21	600 x 750 x 207 / 13	1/4 (6,35) / 3/8 (9,52)
3,5 kW ²⁾	CS-Z35UFEAW	3,50	4,50	4 x 1,5	41 / 28 / 22 — 41 / 28 / 21	600 x 750 x 207 / 13	1/4 (6,35) / 3/8 (9,52)
5,0 kW	CS-Z50UFEAW	5,00	5,30	4 x 1,5	44 / 33 / 29 — 48 / 35 / 31	600 x 750 x 207 / 13	1/4 (6,35) / 1/2 (12,70)



**RAL9010 panel for 4 way
60x60 cassette (sold
separately).**
CZ-BT20EW



Optional wired
remote controller.
CZ-RD52CP

INTERNET CONTROL and BMS CONNECTIVITY: Optional.



4 Way 60x60 cassette	Indoor unit (Panel CZ-BT20EW)	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ⁷⁾	Dimension / Net weight	Piping connections	
		kW	kW		mm ²	Cool — Heat (Hi/Lo/S-Lo)	Indoor H x W x D	Panel H x W x D
						mm / kg	mm / kg	Inch (mm)
2,0 kW	CS-MZ20UB4EA	2,00	3,20	4 x 1,5	35 / 27 / 24 — 36 / 30 / 27	260 x 575 x 575 / 18	51 x 700 x 700 / 2,5	1/4 (6,35) / 3/8 (9,52)
2,5 kW	CS-Z25UB4EAW	2,50	3,60	4 x 1,5	36 / 27 / 24 — 37 / 30 / 27	260 x 575 x 575 / 18	51 x 700 x 700 / 2,5	1/4 (6,35) / 3/8 (9,52)
3,5 kW ²⁾	CS-Z35UB4EAW	3,50	4,50	4 x 1,5	36 / 28 / 25 — 37 / 30 / 27	260 x 575 x 575 / 18	51 x 700 x 700 / 2,5	1/4 (6,35) / 3/8 (9,52)
5,0 kW ⁴⁾	CS-Z50UB4EAW	5,00	6,80	4 x 1,5	39 / 30 / 27 — 40 / 31 / 28	260 x 575 x 575 / 18	51 x 700 x 700 / 2,5	1/4 (6,35) / 1/2 (12,70)
6,0 kW	CS-Z60UB4EAW	6,00	8,50	4 x 1,5	44 / 34 / 31 — 45 / 34 / 31	260 x 575 x 575 / 18	51 x 700 x 700 / 2,5	1/4 (6,35) / 1/2 (12,70)



Optional
wireless
control kit.
CZ-RL511D


INTERNET CONTROL and BMS CONNECTIVITY: Optional.





Low static pressure hide-away	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ⁸⁾	Dimension / Net weight	Piping connections
		kW	kW		mm ²	Cool — Heat (Hi/Lo/S-Lo)	H x W x D
						mm / kg	Inch (mm)
2,0 kW	CS-MZ20UD3EA	2,00	3,20	4 x 1,5	34 / 29 / 26 — 36 / 29 / 26	200 x 750 x 640 / 19	1/4 (6,35) / 3/8 (9,52)
2,5 kW	CS-Z25UD3EAW	2,50	3,60	4 x 1,5	35 / 29 / 26 — 37 / 29 / 26	200 x 750 x 640 / 19	1/4 (6,35) / 3/8 (9,52)
3,5 kW ²⁾	CS-Z35UD3EAW	3,50	4,50	4 x 1,5	35 / 29 / 26 — 37 / 29 / 26	200 x 750 x 640 / 19	1/4 (6,35) / 3/8 (9,52)
5,0 kW ⁴⁾	CS-Z50UD3EAW	5,00	6,80	4 x 1,5	41 / 31 / 28 — 41 / 32 / 29	200 x 750 x 640 / 19	1/4 (6,35) / 1/2 (12,70)
6,0 kW	CS-Z60UD3EAW	6,00	8,50	4 x 1,5	43 / 32 / 29 — 43 / 34 / 31	200 x 750 x 640 / 19	1/4 (6,35) / 1/2 (12,70)


1) The sound pressure of the indoor unit shows the value measured of a position 1 m in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 2) 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. 4) Heating capacity in combination with Free Multi outdoor units except with CU-Z235TBE. In this case, the heating capacity is 5,30 kW. 5) Compatible only with 2 ports R32 outdoor CU-Z235TBE / CU-Z241TBE / CU-Z250TBE. Minimum quantity of connection: 2 indoor units. Floor console indoor unit is compatible with R410A outdoors with 3, 4 or 5 ports: CU-3E18PBE, CU-3E23SBE, CU-4E23PBE, CU-4E27PBE and CU-5E34PBE. 6) The sound pressure of the units shows the value measured of a position 1 m in front of the main body and 1 m above floor. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 7) The sound pressure of the indoor unit shows the value measured of a position 1,5 m below the unit. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 8) The sound pressure of the indoor unit shows the value measured of a position of 1,5 m below the unit with 1 m duct on the suction side and 2 m duct on the discharge side. The sound pressure is measured in accordance with JIS C 9612. * Tentative data.


High performance and healthy air


 nanoe™ X. Technology with the benefits of hydroxyl radicals has the capacity to inhibit pollutants, viruses, and bacteria to clean and deodorise.


 Particulate matter (PM2,5) can be found suspended in the air, including dust, dirt, smoke and liquid droplets. This filter can catch PM2,5 particles including hazardous pollutants as well as house dust and pollen.


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

 More comfort with Aerowings. Direct airflow to the ceiling, creating a shower cooling effect with built-in twin flap.


 Down to -10 °C in cooling mode. The air conditioner works in cooling mode when the outdoor temperature of -10 °C.


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


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

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


Energy saving


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


 Inverter Plus. Inverter Plus System classification highlights Panasonic's highest performing systems.


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









High connectivity







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

 Domestic integration to P-Link - CZ-CAPRA1. Can connect RAC range to P-Link. Full control is now possible.

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

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

Outdoor unit features	SEER	SCOP	Inverter+ system	R2 Rotary Compressor	Down to -10°C in cooling only	Down to -15°C in heating mode	R410A/R22 Renewal	Warranty on the compressor
								
CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE	8,50 A+++	4,60 A++	✓	✓	✓	✓	✓	✓
CU-3Z52TBE / CU-3Z68TBE	8,50 A+++ 8,00 A++	4,20 A+	✓	✓	✓	✓	✓	✓
CU-4Z68TBE / CU-4Z80TBE	8,00 A++ 7,90 A++	4,20 A+ 4,70 A++	✓	✓	✓	✓	✓	✓
CU-5Z90TBE	8,50 A+++	4,68 A++	✓	✓	✓	✓	✓	✓

Indoor unit features	nanoe™X	PM2,5 Filter	Aerowings	Super Quiet*	Internet and Voice Control	Easy control by BMS (Optional)
						
NEW Wall Mounted Etherea	✓		✓	✓ 21dB(A) for MZ16, XZ/Z20, XZ/Z25 and XZ/Z35	✓	✓
Wall Mounted TZ Compact Style		✓	✓	✓ 20dB(A) for MTZ16, TZ20/25/35	✓	✓
Floor Console	✓			✓ 22dB(A) for Z25/35	Optional	✓
4-Way 60x60 Cassette				✓ 24dB(A) for Z25	Optional	✓
Low Static Pressure Hide Away				✓	Optional	✓

* At the lowest fan speed. 1) Energy Label Scale from A+++ to D

Panasonic®

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Panasonic Marketing Europe GmbH
Panasonic Air Conditioning
Hagenauer Strasse 43, 65203 Wiesbaden, Germany

heating & cooling solutions