

Panasonic

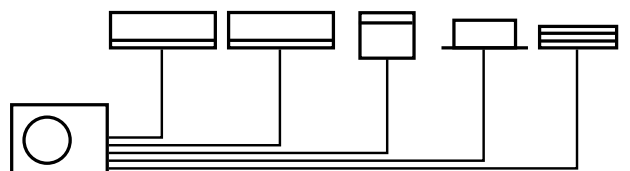
NEW FREE MULTI SYSTEM E

Up to 5 indoor units with
a single outdoor unit

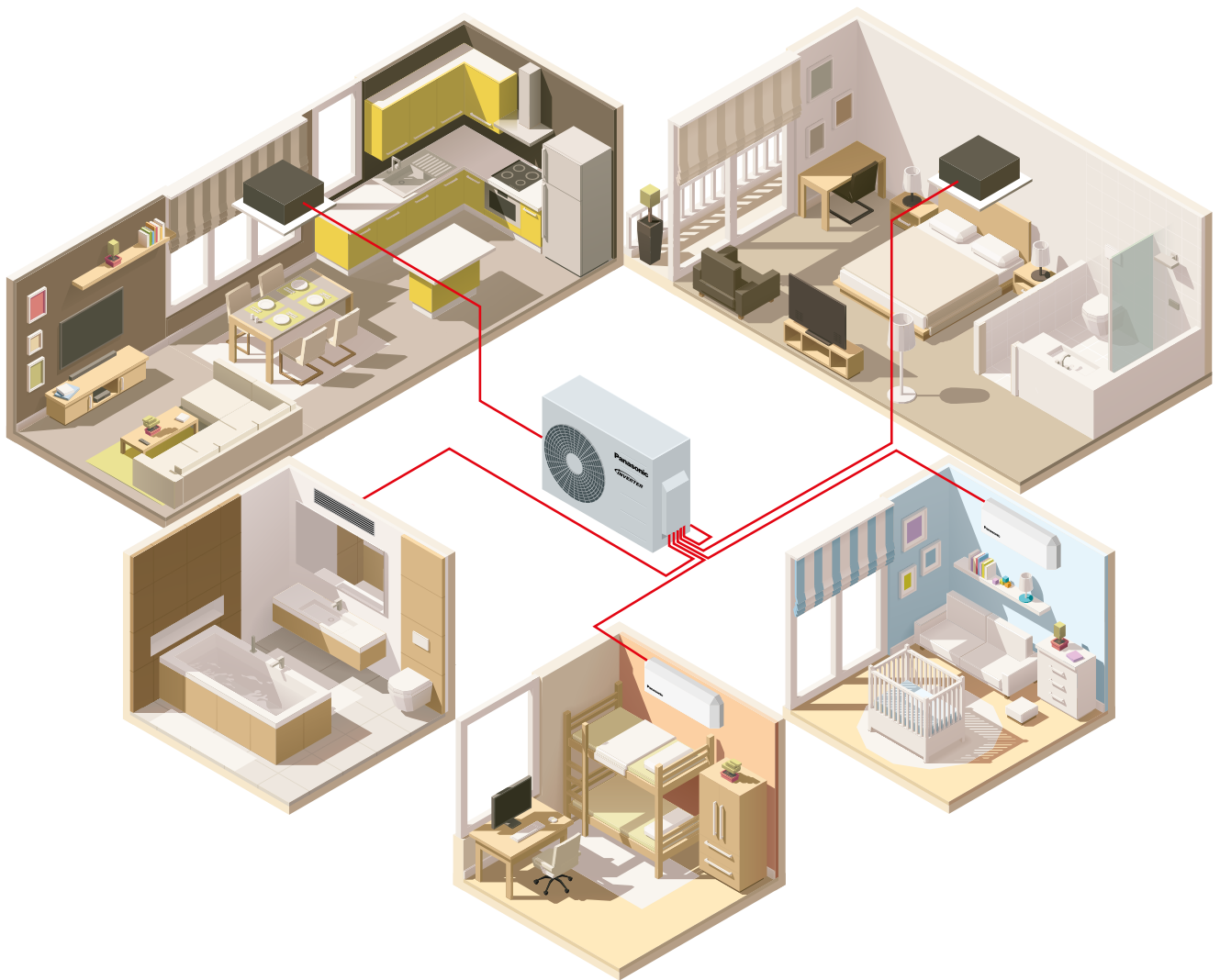


60th Anniversary

heating & cooling solutions



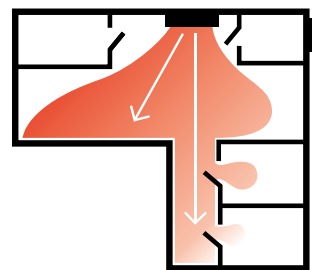
FOR MAXIMUM FLEXIBILITY AND CUSTOMISATION THE FREE MULTI HAS THE ANSWER



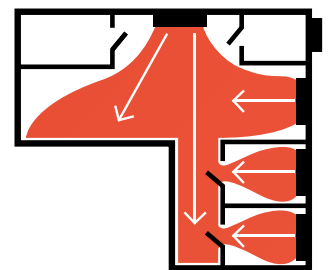
Panasonic Free Multi systems bring comfort to your whole home or office. One compact, single unit can connect with up to five indoor units, saving space outside. Each room will have independent control so occupants can enjoy more precise temperature control and energy savings when the room is not in use. Multi E is efficient, achieving energy efficiency rank of A++.

- Up to 5 rooms with individual control
- Wide choice of indoor units to adapt to each room
- Units with Nanoe air purifier
- Stylish and premium design
- High Efficiency: Up to A++ energy efficiency Class
- Flexible installation, compact units and large connection distance
- Phone control whenever and wherever (optional)

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. Outside, there is only one outdoor unit.

Full flexibility up to 10kW and up to 5 ports with wide range of indoor units, including high performance Etherea indoor units, reaching up to A++/A+

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 - 5,7kW	3,2 - 6,0kW	3,2 - 7,7kW	4,5 - 9,5kW	4,5 - 11,2kW	4,5 - 11,5kW	4,5 - 13,6kW	4,5 - 17,5kW
							
CU-2E12SBE	CU-2E15SBE	CU-2E18SBE	CU-3E18PBE	CU-3E23SBE	CU-4E23PBE	CU-4E27PBE	CU-5E34PBE

Indoor units • R410A GAS

Capacity	16	20	25	35	42	50	60	71
Etherea Silver / Pure White Matt 	CS-MZ16TKE	CS-XZ20TKEW CS-Z20TKEW	CS-XZ25TKEW CS-Z25TKEW	CS-XZ35TKEW CS-Z35TKEW	CS-Z42TKEW	CS-XZ50TKEW CS-Z50TKEW		CS-Z71TKEW
Wall Mounted TZ Compact Style 	CS-MTZ16TKE	CS-TZ20TKEW-1	CS-TZ25TKEW-1	CS-TZ35TKEW-1	CS-TZ42TKEW-1	CS-TZ50TKEW	CS-TZ60TKEW	CS-TZ71TKEW
NEW Floor Console* 		CS-MZ20UFEA	CS-Z25UFEAW	CS-Z35UFEAW		CS-Z50UFEAW		
NEW 4 Way 60x60 Cassette 		CS-MZ20UB4EA / CZ-BT20EW	CS-Z25UB4EAW / CZ-BT20EW	CS-Z35UB4EAW / CZ-BT20EW		CS-Z50UB4EAW / CZ-BT20EW	CS-Z60UB4EAW / CZ-BT20EW	
NEW Low Static Pressure Hide Away 		CS-MZ20UD3EA	CS-Z25UD3EAW	CS-Z35UD3EAW		CS-Z50UD3EAW	CS-Z60UD3EAW	

PANASONIC FREE MULTI GREAT SAVINGS AND IMPROVED WELLNESS

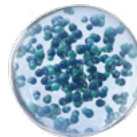


- The new Floor console has being designed to follow the high European demands: Superquiet operation, high efficiency and purifying the air with nanoe™ X.
- The Etherea has an astonishingly slim design that combines perfectly with the most modern environments. Improve the quality of the air with Etherea and nanoe™ air purifier.
- TZ indoors are really compact. With only 799mm width, the indoor unit can be easily fixed in the space over the door.
- Designed for homes, offices, retail and restaurants, the Low Static Pressure Hide Away is ideal for small rooms where the air conditioning and the heating should be nicely integrated and where high comfort and efficiency is needed.

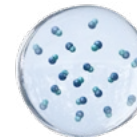
Always fresh and clean air with nanoe™ X and nanoe™

nanoe™ X and nanoe™ with nano-technology, nano-sized electrostatic atomised water particles purify the air in the room

- Purificating operation can work simultaneously or independently from heating/cooling operation.
 - Inhibiting certain viruses, bacteria & deodorisation (bacteria, fungus, pollen, virus and cigarette smoke).
 - OH radicals in nanoe™ X pull bacteria's hydrogen out and it is effectively deodorised and sterilised
- nanoe™ X and nanoe™ are nano-sized electrostatic atomized water particles with plentiful OH radicals. Its effectiveness of bacteria inhibition depends on the number of OH radical, which is generated:



nanoe™ X: 4,800 OH radical billion per second with big Multi-leader discharge (OH radical production area)



nanoe™: 480 OH radical billion per second with a corona discharge (OH radical production area)

High Energy efficiency class A+

Comfort and high efficiency is possible when combining finest technology in a heat pump. Thanks to original Panasonic Inverter compressor, the heart of a heat pump, high levels of energy efficiency are reached. As consequence operating cost are substantially reduced. The system can heat even at -15°C outside.

Electrical Heater vs Heat pump



* COP of 4,6 for models CU-2235TBE and CU-5290TBE, COP calculation is based in accordance to EN14511.

Panasonic can offer you the solution that adapts to each of your rooms and bring comfortable environment all year long. Being also possible to improve the quality of the air by inhibiting the growth of certain bacteria and virus and reducing odors.



Wall Mounted Etherea Silver / Pure White Matt

Etherea with enhanced Econavi sensor and new nanoe™ air-purifying system. Outstanding efficiency, comfort and healthy air combined with state-of-the-art design.



Wall Mounted TZ Compact Style

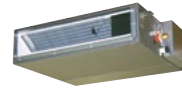
TZ compact indoor size. New TZ indoor are compact and powerful. White Matt and compact design match any space with 799mm wide and clean the air with PM2,5 Filter.



NEW 18

New Floor Console With new nanoe™ X air-purifying system.

Outstanding comfort (Super Quiet technology only 20dB(A)) and healthy air combined with a breakthrough design



NEW 18

Low Static Pressure Hide Away Designed for homes, offices, retail and restaurants.

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



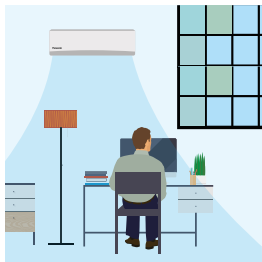
NEW 18

4 Way 60x60 Cassette Ultra compact outdoor units for easy installation.

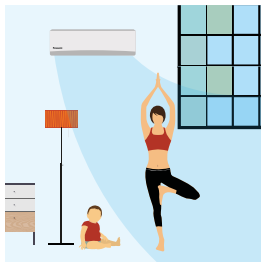
Specially designed for homes, offices, retail and restaurant applications. This cassette fits perfectly into 60x60 ceiling grids.

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

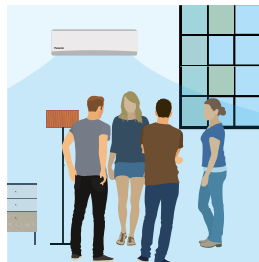
Intelligent Sensors detect potential waste of energy using the Human Activity Sensor and Sunlight Sensor. It is able to monitor human location, movements, absence and sunlight intensity. It then automatically adjusts cooling power to save energy efficiently with uninterrupted heating and cooling comfort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



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



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



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



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



Sunlight Detection
Adjusts cooling power to changes in sunlight intensity.

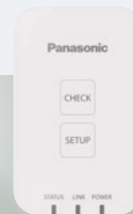
New Panasonic Wifi kit

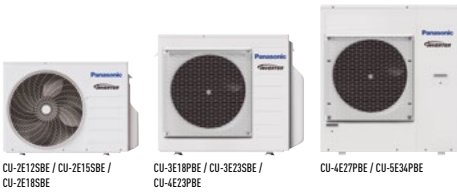
Control your comfort and the power consumption with your smartphone

With the new accessory CZ-TACG1 control the comfort and the power consumption with your smartphone or tablet via internet. Offering even more functions as if you were at home or office: start/stop, mode operation, set temperature, room temperature, weekly timer, etc as well as the new, advanced functionality provided by Internet Control to achieve better comfort and helping to increase the efficiency. Connect the CZ-TACG1 accessory to the indoor unit and link wireless to your home internet router.



One CZ-TACG1 is required per each indoor unit.





Outdoor unit Free Multi System E • R410A GAS

System Capacity (Min - Max Indoor Cooling Capacity Nominal)			3,2 to 5,7kW	3,2 to 5,7kW	3,2 to 7,5kW	4,5 to 9,0kW	4,5 to 11,0kW	4,5 to 11,0kW	4,5 to 13,6kW	4,5 to 17,5kW
Unit			CU-2E12SBE	CU-2E15SBE	CU-2E18SBE	CU-3E18PBE	CU-3E23SBE	CU-4E23PBE	CU-4E27PBE	CU-5E34PBE
Cooling capacity	Nominal (Min - Max)	kW	3,60(1,50-4,50)	4,50(1,50-5,20)	5,20(1,50-5,40)	5,20(1,80-7,30)	6,80(1,90-8,00)	6,80(1,90-8,00)	8,00(3,00-9,20)	10,00(2,90-11,50)
EER ¹⁾	W/W		4,50(6,00-4,09)	3,66(6,00-3,42)	3,42(6,00-3,42)	4,33(5,00-3,24)	3,56(7,04-3,38)	4,05(5,59-3,56)	4,04(5,66-3,21)	3,50(5,27-2,98)
SEER ²⁾	W/W		6,50 A++	6,50 A++	6,50 A++	7,00 A++	7,00 A++	7,00 A++	7,00 A++	6,50 A++
Pdesign (cooling)	kW		3,6	4,5	5,2	5,2	6,8	6,8	8,0	10,0
Input power cooling	Nominal (Min - Max)	kW	0,80(0,25-1,10)	1,23(0,25-1,52)	1,52(0,25-1,58)	1,27(0,36-2,25)	1,91(0,27-2,37)	1,68(0,34-2,47)	1,98(0,53-2,87)	2,86(0,55-3,86)
Annual energy consumption ³⁾	kWh/a		194	242	280	260	955	340	400	538
Heating capacity	Nominal (Min - Max)	kW	4,40(1,10-5,60)	5,40(1,10-7,00)	5,60(1,10-7,20)	6,80(1,60-8,30)	8,50(3,30-10,40)	8,50(3,00-10,40)	9,40(4,20-10,60)	12,00(3,40-14,50)
Heating capacity at -7°C	kW		3,54	3,54	3,65	4,90	6,05	6,05	7,08	8,85
COP ¹⁾	W/W		4,63(5,24-4,41)	4,62(5,24-4,19)	4,63(5,24-4,24)	4,69(3,93-5,00)	4,07(5,32-3,74)	4,47(4,08-5,17)	4,52(6,00-3,46)	4,20(6,42-3,42)
SCOP ²⁾	W/W		4,00 A+	4,00 A+	4,00 A+	4,00 A+	4,00 A+	4,00 A+	4,00 A+	4,00 A+
Pdesign at -10°C	kW		4,0	4,0	4,2	4,8	5,2	5,5	8,0	10,0
Input power heating	Nominal (Min - Max)	kW	0,95(0,21-1,27)	1,17(0,21-1,67)	1,21(0,21-1,70)	1,41(0,32-2,18)	2,09(0,62-2,78)	1,85(0,58-2,60)	2,08(0,70-3,06)	2,86(0,53-4,24)
Annual energy consumption ³⁾	kWh/a		1400	1400	1470	1680	1820	1925	2800	3500
Current	Cool / Heat	A	3,75/4,20	5,75/5,20	7,10/5,35	5,30/6,70	8,40/9,60	7,50/8,80	9,40/9,80	13,20/13,40
Power source	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)	47/49	47/49	49/51	46/47	50/51	50/51	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 229	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
Piping connections	Liquid pipe	Inch (mm)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)	1/4(6,35)
	Gas pipe	Inch (mm)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)	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	6-80	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 (R410A)	kg/TCO ₂ Eq.		1,40/2,9232	1,40/2,9232	1,40/2,9232	2,64/5,5123	2,64/5,5123	2,64/5,5123	3,40/7,0992	3,40/7,0992
Operating range	Cool Min ~ Max	°C	-10 ~ +46	-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	-15 ~ +24

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 1m in front of the main body and 0,8m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Add 70 or 95mm for piping port. 6) Minimum piping length is 3 meters per indoor unit. Minimum quantity of connection: 2 indoor units.

How do I combine indoor and outdoor units?

Each outdoor unit has a limit to the number of connecting indoor units, depending on capacity and the number of ports (rooms). To work out the correct combination, add the capacity index (kW) of each indoor unit you want to connect. The correct outdoor unit is the one that fits the total indoor capacity index within (and including) the minimum and maximum range. If there are several outdoor options to choose from, select higher or lower capacity outdoor depending on the simultaneous use you plan for your project.

Possible outdoor / indoor units combinations • R410A GAS

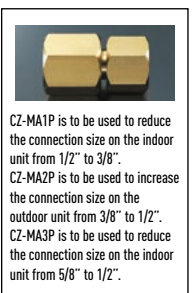
	Etherea Silver	Etherea Pure White Matt	Wall Mounted TZ / TE Compact Style	NEW Floor Console	NEW 4 Way 60x60 Cassette	NEW Low Static Pressure Hide Away
Indoor unit capacity index	16 20 25 35 42 50 60 71	16 20 25 35 42 50 60 71	16 20 25 35 42 50 60 71	16 20 25 35 42 50 60 71	16 20 25 35 42 50 60 71	16 20 25 35 42 50 60 71
CU-2E12SBE // 3,2 - 5,7kW // 2 Rooms	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
CU-2E15SBE // 3,2 - 5,7kW // 2 Rooms	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
CU-2E18SBE // 3,2 - 7,5kW // 2 Rooms	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾
CU-3E18PBE // 4,5 - 9,0kW // 3 Rooms	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾
CU-3E23SBE // 4,5 - 11,0kW // 3 Rooms	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾
CU-4E23PBE // 4,5 - 11,0kW // 4 Rooms	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾
CU-4E27PBE // 4,5 - 13,6kW // 4 Rooms	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾	✓ ✓ ✓ ✓ ¹⁾
CU-5E34PBE // 4,5 - 17,5kW // 5 Rooms	✓ ✓ ✓ ✓ 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 CZ-MA3P pipe reducer on the 71.

Outdoor Multi combination model

	Model
CS-MZ16TKE / CS-MTZ16TKE	CU-2E12SBE / CU-2E15SBE / CU-2E18SBE / CU-3E18PBE / CU-3E23SBE / CU-4E23PBE / CU-4E27PBE / CU-5E34PBE
CS-XZ20TKEW / CS-Z20TKEW / CS-TZ20TKEW-1 / CS-TE20TKEW / CS-MZ20UFEA / CS-MZ20UB4EA / CS-MZ20UD3EA	CU-2E18SBE / CU-3E18PBE / CU-3E23SBE / CU-4E23PBE / CU-4E27PBE / CU-5E34PBE
CS-XZ25TKEW / CS-Z25TKEW / CS-TZ25TKEW-1 / CS-TE25TKEW / CS-Z25UFEAW / CS-Z25UB4EAW / CS-Z25UD3EAW	CU-2E18SBE / CU-3E18PBE / CU-3E23SBE / CU-4E23PBE / CU-4E27PBE / CU-5E34PBE
CS-XZ35TKEW / CS-Z35TKEW / CS-TZ35TKEW-1 / CS-TE35TKEW / CS-Z35UFEAW / CS-Z35UB4EAW / CS-Z35UD3EAW	CU-2E18SBE / CU-3E18PBE / CU-3E23SBE / CU-4E23PBE / CU-4E27PBE / CU-5E34PBE
CS-Z42TKEW / CS-TZ42TKEW-1 / CS-TE42TKEW	CU-2E18SBE / CU-3E18PBE / CU-3E23SBE / CU-4E23PBE / CU-4E27PBE / CU-5E34PBE
CS-XZ50TKEW / CS-Z50TKEW / CS-TZ50TKEW / CS-TE50TKEW / CS-Z50UFEAW / CS-Z50UD3EAW / CS-Z50UB4EAW	CU-3E23SBE / CU-4E23PBE / CU-4E27PBE / CU-5E34PBE
CS-TZ60TKEW / CS-TE60TKEW / CS-Z60UB4EAW / CS-Z60UD3EAW	CU-4E27PBE / CU-5E34PBE
CS-Z71TKEW / CS-TZ71TKEW	CU-4E27PBE / CU-5E34PBE

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





IF DESIGN AWARD 2017: Ethena White awarded with the prestigious IF Design Award 2017. INTERNET CONTROL: Optional.



Wall Mounted Ethena	Indoor unit Silver	Indoor unit Pure White Matt	Cooling capacity		Heating capacity		Connection	Sound pressure ¹		Dimension / Net weight		Piping connections	
			kW / kCal/h	kW / kCal/h	kW / kCal/h	kW / kCal/h		Cool — Heat (Hi/Lo/S-Lo)	dB(A)	H x W x D	mm / kg	Liquid / Gas pipe	Inch (mm)
1,6kW	—	CS-MZ16TKE	1,60/1380	2,60/2240	4 x 1,5	39/29/23 — 39/29/23	295 x 919 x 194/9	1/4 (6,35) / 3/8 (9,52)					
2,0kW	CS-XZ20TKEW	CS-Z20TKEW	2,00/1720	3,20/2750	4 x 1,5	37/24/19 — 38/25/19	295 x 919 x 194/9	1/4 (6,35) / 3/8 (9,52)					
2,5kW	CS-XZ25TKEW	CS-Z25TKEW	2,50/2150	3,60/3010	4 x 1,5	39/25/19 — 41/27/19	295 x 919 x 194/10	1/4 (6,35) / 3/8 (9,52)					
3,5kW ²	CS-XZ35TKEW	CS-Z35TKEW	3,20/2750	4,50/3870	4 x 1,5	42/28/19 — 43/33/19	295 x 919 x 194/10	1/4 (6,35) / 3/8 (9,52)					
4,2kW	—	CS-Z42TKEW	4,00/3440	5,00/4300	4 x 1,5	43/31/25 — 43/35/29	295 x 919 x 194/10	1/4 (6,35) / 1/2 (12,70)					
5,0kW	CS-XZ50TKEW	CS-Z50TKEW	5,00/4300	5,30/4558	4 x 1,5	44/37/30 — 44/37/30	302 x 1120 x 236/12	1/4 (6,35) / 1/2 (12,70)					
7,1kW	—	CS-Z71TKEW	7,10/6105	8,90/7654	—	47/38/30 — 47/38/30	302 x 1120 x 236/13	1/4 (6,35) / 5/8 (15,88)					



Compact Style	Indoor unit TZ	Indoor unit TE	Cooling capacity		Heating capacity		Connection	Sound pressure ¹		Dimension / Net weight		Piping connections	
			kW / kCal/h	kW / kCal/h	kW / kCal/h	kW / kCal/h		Cool — Heat (Hi/Lo/S-Lo)	dB(A)	H x W x D	mm / kg	Liquid / Gas pipe	Inch (mm)
1,6kW	CS-MTZ16TKE	—	1,60/1380	2,60/2240	4 x 1,5	—	290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)					
2,0kW	CS-TZ20TKEW-1	CS-TE20TKEW	2,00/1720	3,20/2750	4 x 1,5	37/25/20 — 38/26/22	290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)					
2,5kW	CS-TZ25TKEW-1	CS-TE25TKEW	2,50/2150	3,60/3010	4 x 1,5	40/26/20 — 40/27/22	290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)					
3,5kW ²	CS-TZ35TKEW-1	CS-TE35TKEW	3,20/2750	4,50/3870	4 x 1,5	42/30/20 — 42/33/22	290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)					
4,2kW	CS-TZ42TKEW-1	CS-TE42TKEW	4,00/3440	5,00/4300	4 x 1,5	44/31/29 — 44/35/28	290 x 799 x 197/8	1/4 (6,35) / 1/2 (12,70)					
5,0kW	CS-TZ50TKEW	CS-TE50TKEW	5,00/4300	5,30/4558	4 x 1,5	44/37/34 — 44/37/34	302 x 1102 x 244/12	1/4 (6,35) / 1/2 (12,70)					
6,0kW	CS-TZ60TKEW	CS-TE60TKEW	6,00/5160	8,50/7310	4 x 1,5	45/37/34 — 45/37/34	302 x 1102 x 244/12	1/4 (6,35) / 5/8 (15,88)					
7,1kW	CS-TZ71TKEW	—	7,00/6020	8,70/7482	—	47/38/35 — 47/38/35	302 x 1102 x 244/13	1/4 (6,35) / 5/8 (15,88)					

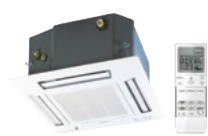


NEW 18



SUPER QUIET: For CS-Z25UFEAW and CS-Z35UFEAW. INTERNET CONTROL: Optional.

NEW Floor Console*	Indoor	Cooling capacity		Heating capacity		Connection	Sound pressure ¹		Dimension / Net weight		Piping connections	
		kW / kCal/h	kW / kCal/h	kW / kCal/h	kW / kCal/h		Cool — Heat (Hi/Lo/S-Lo)	dB(A)	H x W x D	mm / kg	Liquid / Gas pipe	Inch (mm)
2,0kW	CS-MZ20UFEA	2,00/1720	3,20/2750	4 x 1,5	—	600 x 750 x 207/13	—					
2,8kW	CS-Z25UFEAW	2,50/2150	3,60/3010	4 x 1,5	38/25/20 — 38/25/19	600 x 750 x 207/13	1/4 (6,35) / 3/8 (9,52)					
3,5kW ²	CS-Z35UFEAW	3,20/2750	4,50/3870	4 x 1,5	39/26/20 — 39/26/19	600 x 750 x 207/13	1/4 (6,35) / 3/8 (9,52)					
5,0kW	CS-Z50UFEAW	5,00/4300	5,30/4558	4 x 1,5	44/31/27 — 46/33/29	600 x 750 x 207/13	1/4 (6,35) / 1/2 (12,70)					



NEW 18

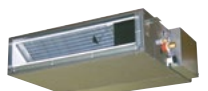


NEW CZ-BT20EW RAL9010 panel for 4 Way 60x60 Cassette (sold separately)



SUPER QUIET: For CS-Z25UB4EAW. INTERNET CONTROL READY and EASY CONTROL by BMS: Optional.

NEW 4 Way 60x60 Cassette*	Indoor / Panel	Cooling capacity		Heating capacity		Connection	Sound pressure ¹		Dimension / Net weight		Piping connections	
		kW / kCal/h	kW / kCal/h	kW / kCal/h	kW / kCal/h		Cool — Heat (Hi/Lo/S-Lo)	dB(A)	Indoor H x W x D	Panel H x W x D	mm / kg	mm / kg
2,0kW	CS-MZ20UB4EA / CZ-BT20EW	2,00/1720	3,20/2750	4 x 1,5	—	260 x 575 x 575/18	51 x 700 x 700/2,5	—				
2,5kW	CS-Z25UB4EAW / CZ-BT20EW	2,50/2150	3,60/3010	4 x 1,5 to 2,5	34/25/22 — 35/28/25	260 x 575 x 575/18	51 x 700 x 700/2,5	1/4 (6,35) / 3/8 (9,52)				
3,5kW ²	CS-Z35UB4EAW / CZ-BT20EW	3,20/2750	4,50/3870	4 x 1,5 to 2,5	34/26/23 — 35/28/25	260 x 575 x 575/18	51 x 700 x 700/2,5	1/4 (6,35) / 3/8 (9,52)				
5,0kW	CS-Z50UB4EAW / CZ-BT20EW	5,00/4300	5,30/4558	4 x 1,5 to 2,5	37/28/25 — 38/29/26	260 x 575 x 575/18	51 x 700 x 700/2,5	1/4 (6,35) / 1/2 (12,70)				
6,0kW	CS-Z60UB4EAW / CZ-BT20EW	6,00/5160	8,50/7310	4 x 1,5 to 2,5	42/32/29 — 43/32/29	260 x 575 x 575/18	51 x 700 x 700/2,5	1/4 (6,35) / 1/2 (12,70)				



NEW 18



INTERNET CONTROL READY and EASY CONTROL by BMS: Optional.

NEW Low Static Pressure Hide Away*	Indoor	Cooling capacity		Heating capacity		Connection	Sound pressure ¹		Dimension / Net weight		Piping connections	
		kW / kCal/h	kW / kCal/h	kW / kCal/h	kW / kCal/h		Cool — Heat (Hi/Lo/S-Lo)	dB(A)	H x W x D	mm / kg	Liquid / Gas pipe	Inch (mm)
2,0kW	CS-MZ20UD3EA	2,00/1720	3,20/2750	4 x 1,5	—	200 x 750 x 640/19	—					
2,5kW	CS-Z25UD3EAW	2,50/2150	3,60/3010	4 x 1,5 to 2,5	33/27/24 — 35/27/24	200 x 750 x 640/19	1/4 (6,35) / 3/8 (9,52)					
3,5kW ²	CS-Z35UD3EAW	3,20/2750	4,50/3870	4 x 1,5 to 2,5	33/27/24 — 35/27/24	200 x 750 x 640/19	1/4 (6,35) / 3/8 (9,52)					
5,0kW	CS-Z50UD3EAW	5,00/4300	5,30/4558	4 x 1,5 to 2,5	39/29/26 — 39/30/27	200 x 750 x 640/19	1/4 (6,35) / 1/2 (12,70)					
6,0kW	CS-Z60UD3EAW	6,00/5160	8,50/7310	4 x 1,5 to 2,5	41/30/27 — 41/32/29	200 x 750 x 640/19	1/4 (6,35) / 1/2 (12,70)					

1) The sound pressure of the units shows the value measured of a position 1m in front of the main body. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 2) The heating capacity is 4,40 kW connected to a CU-2E12SBE.
* Tentative data.

High performance and healthy air

99% nanoe™ utilises nano-technology fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as certain types of bacteria, viruses and mould.

99% nanoe™ X utilises nano-technology fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms.

PM2.5 FILTER 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.

20dB(A) With Super Quiet technology our devices are much more quiet than a library (30dB(A)).

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

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

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

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

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

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.

Energy saving

38% Intelligent Human Activity Sensor and Sunlight Sensor technologies that can detect and reduce waste of energy by optimising air conditioner according to room conditions. With just one touch of a button, you can save energy.

INVERTER+ Inverter Plus System classification highlight the Panasonic highest performing systems

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

High connectivity

INTERNET CONTROL This unit is ready to connect to internet and be managed by smartphone, with a powerful and user friendly App to manage the comfort wherever you are.

INTEGRATION P-LINE Ready to be integrated and be managed by Panasonic centralized systems with CZ-CAPRA1.

BMS CONNECTIVITY Communication port to integrate the unit to home and building management systems most known standards.

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

DESIGN AWARD 2017 The iF Product Design Awards are among the most prestigious awards for product design excellence. Winning the award thanks to its highly intelligent functionality, the Panasonic Etherea is the ideal air-conditioning system for domestic and commercial applications.

Outdoor unit features	SEER	SCOP	Inverter+ system	R2 Rotary Compressor	Down to -10°C in cooling only	Down to -15°C in heating mode	R22 Renewal	Warranty on the compressor
CU-2E12SBE / CU-2E15SBE / CU-2E18SBE	6,50	4,00	✓	✓	✓	✓	✓	✓
CU-3E18PBE / CU-3E23SBE	7,00	4,00	✓	✓	✓	✓	✓	✓
CU-4E23PBE / CU-4E27PBE	7,00	4,00	✓	✓	✓	✓	✓	✓
CU-5E34PBE	6,50	4,00	✓	✓	✓	✓	✓	✓
Indoor unit features	Econavi	nanoe™	nanoe™X	PM2,5 Filter	Aerowings	Super Quiet*	Internet Control (Optional)	Easy control by BMS (Optional)
Wall Mounted Etherea	✓	✓			✓	✓ 21dB(A) for MZ16, XZ/Z20, XZ/Z25 and XZ/Z35	✓	✓
New Wall Mounted TZ Compact Style				✓	✓	✓ 22dB(A) for MTZ16, TZ20/25/35	✓	✓
Floor Console			✓			✓ 20dB(A) for Z25/35	✓	✓
4-Way 60x60 Cassette						✓ 22dB(A) for Z25	✓	✓
Low Static Pressure Hide Away							✓	✓

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



Panasonic

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

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

heating & cooling solutions



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