



ETHEREA

PANASONIC DOMESTIC AIR TO AIR HEAT PUMP

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

R32 full domestic range.

All Domestic has transformed to R32 with excellent performance. Panasonic has not just fully adapted to new refrigerant, the new units has been design to maximize the advantages of new refrigerant from Wall, to Cassette, Hide Away, Floor Console and Multi Split Systems.



Etherea stylish and outstanding features.

Highest energy class A+++ in both heating and cooling, purifies the air with advance purifying nanoe™ X system with imperceptible 19dB(A). New Etherea VKE is equipped with built-in WLAN for internet control and monitoring, by using Panasonic Comfort Cloud App.

Purifying air we breath.

Panasonic systems are equipping different technologies to purify and clean the air. Anti allergy nanoe™ X and PM2,5 filters are some examples to take care of the air we breathe.



Stylish Floor Console.

The R32 Floor Console has been designed for European market from Scratch. Floor Consoles purifies the air with nanoe™ X, quiet operation, high efficiency, new design control remote and accurate design are its attributes.


















Floor Console awarded with the prestigious IF Design Award 2019.

Panasonic Comfort Cloud control.

Panasonic Comfort Cloud control, with completely new user interface and controlling all domestic functions.








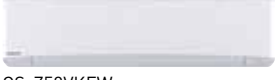
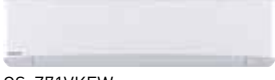







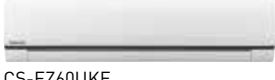


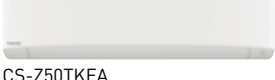
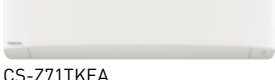








DOMESTIC AIR CONDITIONER RANGE R32

Indoor units	1,60kW	2,00kW	2,50kW
Wall Mounted Heatcharge VZ Inverter+ • R32 Gas			 CS-VZ9SKE
NEW Wall Mounted Etherea Inverter+ Silver • R32 Gas ¹		 CS-XZ20VKEW	 CS-XZ25VKEW
NEW Wall Mounted Etherea Inverter+ Pure White Matt • R32 Gas ¹	 CS-MZ16VKE ²	 CS-Z20VKEW	 CS-Z25VKEW
Wall Mounted TZ Compact Style • R32 Gas ¹	 CS-MTZ16TKE ²	 CS-TZ20TKEW-1	 CS-TZ25TKEW-1
Wall Mounted FZ Type Standard Inverter • R32 Gas			 CS-FZ25UKE
Wall Mounted Professional Inverter -20°C • R32 Gas			 CS-Z25TKEA
Floor Console Type Inverter+ • R32 Gas ¹		 CS-MZ20UFEA ²	 CS-Z25UFEAW
4 Way 60x60 Cassette Standard Inverter • R32 Gas ¹		 CS-MZ20UB4EA ²	 CS-Z25UB4EAW
Low Static Pressure Hide Away Standard Inverter • R32 Gas ¹		 CS-MZ20UD3EA ²	 CS-Z25UD3EAW

1) Indoor units available for Free Multi Z and E combinations. 2) Indoor units only available only for Free Multi Z and E combinations.

Free Multi Outdoors 3,20 ~ 6,00kW 3,20 ~ 6,00kW 3,20 ~ 7,70kW 4,50 ~ 9,50kW 4,50 ~ 11,20kW 4,50 ~ 11,50kW 4,50 ~ 14,70kW 4,50 ~ 18,30kW

Outdoor unit Free Multi System Z • R32 Gas	 CU-2Z35TBE	 CU-2Z41TBE	 CU-2Z50TBE	 CU-3Z52TBE	 CU-3Z68TBE	 CU-4Z68TBE	 CU-4Z80TBE	 CU-5Z90TBE
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3,50kW	4,20kW	5,00kW	6,00kW	7,10kW
 CS-VZ12SKE				
 CS-XZ35VKEW		 CS-XZ50VKEW		
 CS-Z35VKEW	 CS-Z42VKEW	 CS-Z50VKEW		 CS-Z71VKEW
 CS-TZ35TKEW-1	 CS-TZ42TKEW-1	 CS-TZ50TKEW	 CS-TZ60TKEW	 CS-TZ71TKEW
 CS-FZ35UKE		 CS-FZ50UKE	 CS-FZ60UKE	
 CS-Z35TKEA	 CS-Z42TKEA	 CS-Z50TKEA		 CS-Z71TKEA
 CS-Z35UFEAW		 CS-Z50UFEAW		
 CS-Z35UB4EAW		 CS-Z50UB4EAW	 CS-Z60UB4EAW	
 CS-Z35UD3EAW		 CS-Z50UD3EAW	 CS-Z60UD3EAW	

HEATCHARGE. ENERGY CHARGE SYSTEM

heatcharge

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



Heating power and efficiency

- Energy Charge System. Heat storage unit which features Non-Stop heating and fast heating function
- nanoe™ air purifying system
- More powerful airflow to quickly reach the desired temperature

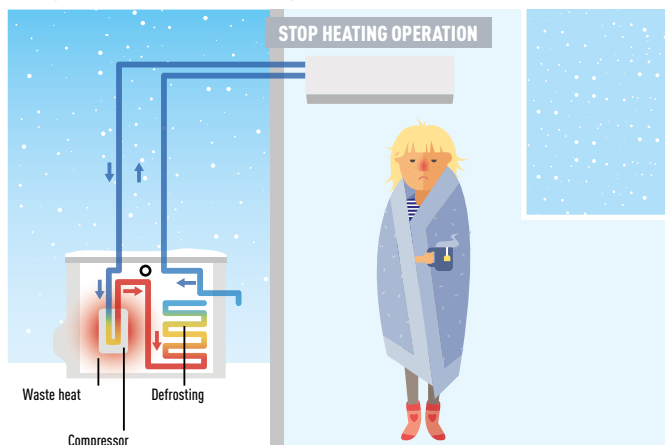
In response to the Kyoto Protocol, the European Union set some challenging targets for the reduction in greenhouse-gas emissions. By the year 2020, across the member states, the EU wants to have achieved the following objectives:

- A 20% cut in greenhouse gas emissions (from 1990 base levels)
- The share of renewables in the energy mix to increase by 20%
- An overall reduction of 20% in energy consumption

Panasonic's new full line-up of A+++ heat pumps.

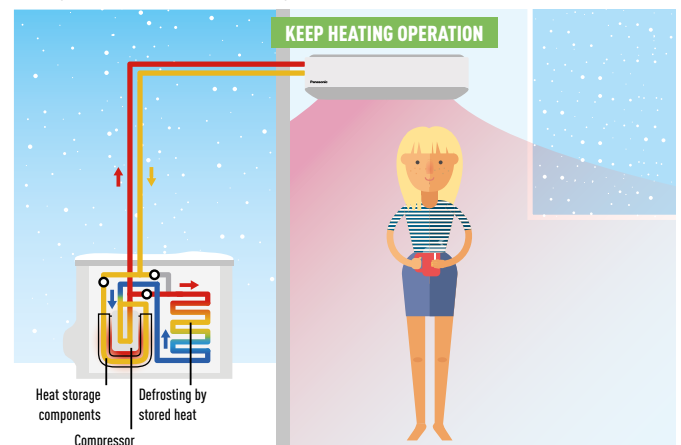
Conventional. The room gradually becomes cold.

Defrost operation: About 11 to 15 min. Fall in room temperature: About 5 to 6°C



Heatcharge. The room is thoroughly warmed.

Defrost operation: About 5 to 6 min. Fall in room temperature: About 1 to 2°C



* Defrost operation time and how low room temperature falls differ depending on the environment in which the unit is being used (how insulated and airtight and room is), operation conditions, and temperature conditions.

* Output air temperature falls during defrost operation. How low room temperature falls differs depending on the environment in which the unit is being used (how insulated and airtight and room is), operation conditions, and temperature conditions.

* In environments where a lot of frost accumulates, heating may stop during defrost operation.



Smartphone control and monitoring with WLAN adaptor CZ-TAC61.

Wall Mounted Heatcharge VZ Inverter+ • R32 Gas

Indoor unit			CS-VZ9SKE	CS-VZ12SKE
		€	1.456,00	1.664,00
Outdoor unit			CU-VZ9SKE	CU-VZ12SKE
		€	2.184,00	2.496,00
Kit Price			€ 3.640,00	€ 4.160,00
Cooling capacity	Nominal (Min - Max)	kW	2,50 [0,60 - 3,00]	3,50 [0,60 - 4,00]
SEER¹⁾			10,50 A+++	10,00 A+++
Pdesign (cooling)		kW	2,50	3,50
Input power cooling	Nominal (Min - Max)	kW	0,43 [0,14 - 0,61]	0,80 [0,14 - 0,98]
Annual energy consumption ³⁾		kWh/a	83	122
Heating capacity	Nominal (Min - Max)	kW	3,60 [0,60 - 7,80]	4,20 [0,60 - 9,20]
COP ²⁾		W/W	5,63	5,04
Heating capacity at -7°C		kW	5,00	5,60
COP at -7°C ²⁾		W/W	2,07	2,00
SCOP¹⁾			6,20 A+++	5,90 A+++
Pdesign at -10°C		kW	3,60	4,20
Input power heating	Nominal (Min - Max)	kW	0,64 [0,14 - 2,72]	0,83 [0,14 - 3,16]
Annual energy consumption ³⁾		kWh/a	812	995
Indoor unit				
Power source		V	230	230
Recommended fuse		A	16	16
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5
Air volume	Cool / Heat (Hi)	m ³ /min	12,5 / 15,5	12,9 / 15,9
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	44 / 27 / 18	45 / 33 / 18
	Heat (Hi / Lo / Q-Lo)	dB(A)	44 / 26 / 18	45 / 29 / 18
Dimension	H x W x D	mm	295 x 798 x 375	295 x 798 x 375
Net weight		kg	14,5	14,5
Outdoor unit				
Air volume	Cool / Heat (Hi)	m ³ /min	33,1 / 33,1	35,4 / 33,9
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	49 / 49	50 / 50
Dimension ⁵⁾	H x W x D	mm	630 x 799 x 299	630 x 799 x 299
Net weight		kg	39,5	39,5
Piping connections	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)
Pipe length range		m	3 ~ 15	3 ~ 15
Elevation difference (in/out) ⁶⁾		m	12	12
Pipe length for additional gas		m	7,5	7,5
Additional gas amount		g/m	20	20
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,05 / 0,70875	1,10 / 0,7425
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-30 ~ +24	-30 ~ +24
Lowest outdoor temperature tested by 3rd party laboratory ⁷⁾		°C	-35	-35

Accessories		Price €
CZ-TAC61	Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
PAW-SMSCONTROL	Control by SMS (need additional SIM card)	381,00

1) Energy Label Scale from A+++ to D. 2) EER and COP calculation is based in accordance to EN14511. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The sound pressure of the indoor unit shows the value measured of a position 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit. 7) Tested by 3rd party laboratory, SP, according to EN14511:2013 and SP Method 1721, this temperature is not guaranteed by Factory.



SEER and SCOP: For KIT-VZ9-SKE. -35°C HEATING MODE: Heating performance tested at -35°C by SP, European third party laboratory. INTERNET CONTROL: Optional.

ETHEREA HAS AN ASTONISHINGLY SLIM DESIGN

ETHEREA

Etherea with nanoe™ X air-purifying system: outstanding efficiency A+++, comfort (Super Quiet technology only 19dB(A)) and healthy air combined with a breakthrough design.



1 Built-in WLAN

Ready to connect the unit to internet to be controlled by smartphone with Panasonic Comfort Cloud App. Control, monitor, easy schedule with easy interface.

2 Even cleaner air with nanoe™ X

New nanoe™ X is an outstanding air purifying bringing much higher performance for better indoor air quality.

3 Simple but elegant design

To suit European interior, we design the indoor to be simple and clean. Elegant finishing with white matt or silver color.

4 New wireless control

Enjoy innovative design at your fingertips with the new stylish and sleek Backlit Sky Controller. Bigger screen and easier to use.

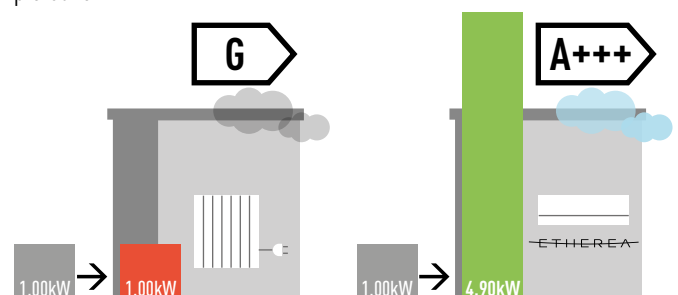
Get the best for your health with Ethera and nanoe™ X.

Using nano-technology, nano-sized electrostatic atomised water particles purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as certain types of bacteria, viruses and mould thus ensuring a cleaner living environment.



Etherea maximum savings, outstanding efficiency A+++

Highest energy class. Original Panasonic Inverter technology and a high performance compressor provide top-class operating efficiency. This lets you enjoy lower electricity bills while contributing to environmental protection.



* SCOP on heating mode for KIT-XZ25-VKE and KIT-Z25-VKE compared with electrical heaters at +7°C.



Built-in WLAN Panasonic Comfort Cloud for internet control.

NEW Wall Mounted Etherea Inverter+ Silver / Pure White Matt • R32 Gas

Indoor unit Silver			CS-XZ20VKEW	CS-XZ25VKEW	CS-XZ35VKEW	—	CS-XZ50VKEW	—
		€	450,00	477,00	509,00		838,00	
Indoor unit Pure White Matt			CS-Z20VKEW	CS-Z25VKEW	CS-Z35VKEW	CS-Z42VKEW	CS-Z50VKEW	CS-Z71VKEW
		€	372,00	399,00	445,00	655,00	762,00	1.075,00
Outdoor unit			CU-Z20VKE	CU-Z25VKE	CU-Z35VKE	CU-Z42VKE	CU-Z50VKE	CU-Z71VKE
		€	728,00	720,00	823,00	986,00	1.253,00	1.612,00
Kit Silver		€	1.178,00	1.197,00	1.332,00	—	2.091,00	—
Kit Pure White Matt		€	1.100,00	1.119,00	1.268,00	1.641,00	2.015,00	2.687,00
Cooling capacity	Nominal (Min - Max)	kW	2,05 [0,75 - 2,40]	2,50 [0,85 - 3,20]	3,50 [0,85 - 4,00]	4,20 [0,85 - 5,00]	5,00 [0,98 - 6,00]	7,10 [0,98 - 8,50]
EER ¹⁾	Nominal (Min - Max)	W/W	4,56 [3,13 - 4,32]	4,81 [3,54 - 4,05]	4,07 [3,54 - 3,70]	3,39 [3,27 - 3,18]	3,55 [3,50 - 3,08]	3,27 [2,33 - 2,93]
SEER ²⁾			7,50 A++	8,50 A+++	8,50 A+++	6,90 A++	7,90 A++	6,50 A++
Pdesign (cooling)		kW	2,10	2,50	3,50	4,20	5,00	7,10
Input power cooling	Nominal (Min - Max)	kW	0,45 [0,24 - 0,56]	0,52 [0,24 - 0,79]	0,86 [0,24 - 1,08]	1,24 [0,26 - 1,57]	1,41 [0,28 - 1,95]	2,17 [0,42 - 2,90]
Annual energy consumption ³⁾		kWh/a	98	103	144	213	222	382
Heating capacity	Nominal (Min - Max)	kW	2,80 [0,70 - 4,00]	3,40 [0,80 - 5,00]	4,00 [0,80 - 5,50]	5,30 [0,80 - 6,80]	5,80 [0,98 - 8,00]	8,60 [0,98 - 10,20]
Heating capacity at -7°C		kW	2,38	2,95	3,20	4,11	4,80	6,31
COP ¹⁾	Nominal (Min - Max)	W/W	4,52 [3,89 - 4,04]	4,79 [4,44 - 3,97]	4,35 [4,44 - 3,72]	3,68 [4,21 - 3,51]	4,03 [2,88 - 3,16]	3,66 [2,45 - 3,46]
SCOP ²⁾			4,70 A++	5,10 A+++	5,10 A+++	4,00 A+	4,70 A++	4,20 A+
Pdesign at -10°C		kW	2,10	2,70	2,80	3,60	4,20	5,50
Input power heating	Nominal (Min - Max)	kW	0,62 [0,18 - 0,99]	0,71 [0,18 - 1,26]	0,92 [0,18 - 1,48]	1,44 [0,19 - 1,94]	1,44 [0,34 - 2,53]	2,35 [0,40 - 2,95]
Annual energy consumption ³⁾		kWh/a	626	741	769	1260	1251	1833
Indoor unit								
Power source		V	230	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16	20
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 2,5	4 x 2,5
Air volume	Cool / Heat	m ³ /min	9,9/10,7	10,2/11,2	11,0/12,0	11,2/12,0	19,1/20,5	19,8/21,5
Moisture removal volume		L/h	1,3	1,5	2,0	2,4	2,8	4,1
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	37/24/19	39/25/19	42/28/19	43/31/25	44/37/30	47/38/30
	Heat (Hi / Lo / Q-Lo)	dB(A)	38/25/19	41/27/19	43/33/19	43/35/29	44/37/30	47/38/30
Dimension	H x W x D	mm	295 x 919 x 194	295 x 919 x 194	295 x 919 x 194	295 x 919 x 194	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	9	10	10	10	12	13
Outdoor unit								
Air volume	Cool / Heat	m ³ /min	26,9/24,1	28,7/27,2	30,6/30,6	31,3/30,9	39,8/36,9	44,7/45,8
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	45/46	46/47	48/50	49/51	47/47	52/54
Dimension ⁵⁾	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight		kg	27	31	31	31	42	50
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)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)
Pipe length range		m	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 30	3 ~ 30
Elevation difference (in/out) ⁶⁾		m	15	15	15	15	15	20
Pipe length for additional gas		m	7,5	7,5	7,5	7,5	7,5	10
Additional gas amount		g/m	10	10	10	10	15	25
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,70 / 0,473	0,85 / 0,574	0,85 / 0,574	0,89 / 0,601	1,15 / 0,776	1,37 / 0,925
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories		Price €
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
CZ-RD514C	Wired remote controller for Wall Mounted and Floor Console	88,00

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 indoor unit shows the value measured of a position 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-XZ25-VKE, KIT-XZ35-VKE, KIT-Z25-VKE and KIT-Z35-VKE. SUPER QUIET: For KIT-XZ20-VKE, KIT-XZ25-VKE, KIT-XZ35-VKE, KIT-Z20-VKE, KIT-Z25-VKE and KIT-Z35-VKE. INTERNET CONTROL: Built-in WLAN.

WALL MOUNTED TZ COMPACT STYLE

The perfect air conditioner for the smallest spaces in your home.
New TZ with R32 GAS powerful and efficient.



TZ Inverter models powerful and efficient

Heating power and efficiency.

- R32 gas is more environmentally friendly than R410A
- Wired Controller (optional)
- Complete line-up of standard Inverter models
- Super Quiet! Only 20dB(A)
- High energy savings
- Long connection distance (from 15m up to 30m)

TZ compact indoor size

The TZ indoor units have a new size. With 799mm of width, you can put the air conditioner on the top of the door.

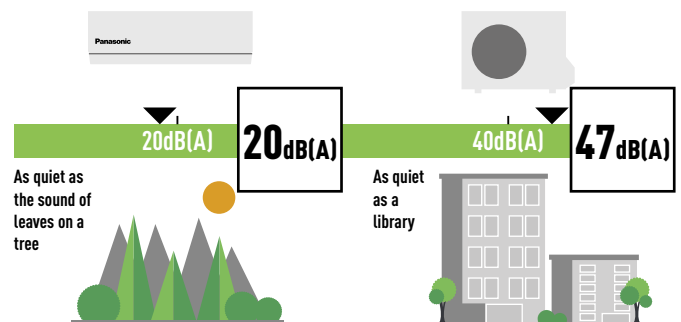


Silent ambient and relaxing atmosphere 20dB(A)

We have succeeded in making one of the most silent air conditioners on the market. Panasonic Inverter air conditioner's indoor operating noise has been reduced as the Inverter constantly varies its output power to enable more precise temperature control.

Quiet Mode reduces operation noise to a quiet 20dB(A)* for a comfortable night's sleep.

Noise is 7dB(A) quieter than during regular operation.



* KIT-TZ20-TKE, KIT-TZ25-TKE and KIT-TZ35-TKE: In the Quiet Mode during cooling operation with low fan speed.

PM2,5

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. It is able to maintain clean the air of the room by deodorization too.



Smartphone control and monitoring with WLAN adaptor CZ-TAC61.

Wall Mounted TZ Compact Style • R32 Gas

Indoor unit			CS-TZ20TKEW-1	CS-TZ25TKEW-1	CS-TZ35TKEW-1	CS-TZ42TKEW-1	CS-TZ50TKEW	CS-TZ60TKEW	CS-TZ71TKEW	
			€	294,00	318,00	388,00	508,00	593,00	760,00	846,00
Outdoor unit			CU-TZ20TKE-1	CU-TZ25TKE-1	CU-TZ35TKE-1	CU-TZ42TKE-1	CU-TZ50TKE	CU-TZ60TKE	CU-TZ71TKE	
			€	550,00	591,00	631,00	760,00	890,00	1.059,00	1.267,00
Kit Price			€	844,00	909,00	1.019,00	1.268,00	1.483,00	1.819,00	2.113,00
Cooling capacity	Nominal (Min - Max)	kW	2,00 (0,75 - 2,40)	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)	4,20 (0,85 - 4,60)	5,00 (0,98 - 5,60)	6,30 (0,98 - 7,10)	7,10 (0,98 - 8,10)	
EER ¹⁾	Nominal (Min - Max)	W/W	4,08 (3,00 - 4,00)	3,85 (3,40 - 3,41)	3,57 (3,33 - 3,36)	3,36 (3,21 - 2,80)	3,40 (3,44 - 3,24)	3,26 (3,50 - 2,98)	3,17 (2,33 - 3,03)	
SEER ²⁾			6,80 A+++	6,90 A+++	6,70 A+++	6,30 A+++	6,80 A+++	6,50 A+++	6,10 A+++	
Pdesign (cooling)		kW	2,00	2,50	3,50	4,20	5,00	6,30	7,10	
Input power cooling	Nominal (Min - Max)	kW	0,49 (0,25 - 0,60)	0,65 (0,25 - 0,88)	0,98 (0,26 - 1,16)	1,25 (0,27 - 1,64)	1,47 (0,29 - 1,73)	1,93 (0,28 - 2,38)	2,24 (0,42 - 2,67)	
Annual energy consumption ³⁾		kWh/a	103	127	183	233	257	339	407	
Heating capacity	Nominal (Min - Max)	kW	2,70 (0,70 - 3,60)	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,00 (0,80 - 6,80)	5,80 (0,98 - 7,80)	7,20 (0,98 - 8,50)	8,60 (0,98 - 9,90)	
Heating capacity at -7°C		kW	2,14	2,70	3,30	3,90	4,79	5,24	6,13	
COP ¹⁾	Nominal (Min - Max)	W/W	4,15 (3,78 - 3,53)	4,18 (4,10 - 3,66)	4,04 (4,00 - 3,70)	3,73 (4,00 - 3,33)	3,77 (2,88 - 3,39)	3,44 (2,88 - 3,15)	3,51 (2,45 - 3,47)	
SCOP ²⁾			4,60 A+++	4,60 A+++	4,60 A+++	4,00 A+	4,30 A+	4,20 A+	4,00 A+	
Pdesign at -10°C		kW	1,90	2,40	2,80	3,60	4,00	4,60	5,50	
Input power heating	Nominal (Min - Max)	kW	0,65 (0,19 - 1,02)	0,79 (0,20 - 1,12)	0,99 (0,20 - 1,38)	1,34 (0,20 - 2,04)	1,54 (0,34 - 2,30)	2,09 (0,34 - 2,70)	2,45 (0,40 - 2,85)	
Annual energy consumption ³⁾		kWh/a	578	730	852	1260	1302	1533	1925	
Indoor unit										
Air volume	Cool / Heat	m ³ /min	9,6/10,6	10,5/11,4	11,3/12,1	12,3/12,9	19,9/20,8	20,8/21,4	20,0/22,0	
Moisture removal volume		L/h	1,3	1,5	2,0	2,4	2,8	3,5	4,1	
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	37/25/20	40/26/20	42/30/20	44/31/29	44/37/34	45/37/34	47/38/35	
	Heat (Hi / Lo / Q-Lo)	dB(A)	38/26/22	40/27/22	42/33/22	44/35/28	44/37/34	45/37/34	47/38/35	
Dimension	HxWxD	mm	290x799x197	290x799x197	290x799x197	290x799x197	302x1102x244	302x1102x244	302x1102x244	
Net weight		kg	8	8	8	8	12	12	13	
Outdoor unit										
Power source		V	230	230	230	230	230	230	230	
Recommended fuse		A	16	16	16	16	16	20	20	
Connection indoor / outdoor		mm ²	4x1,5	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5	4x2,5	
Air volume	Cool / Heat	m ³ /min	28,9/27,4	29,0/27,6	29,1/30,2	33,6/34,0	33,0/32,2	42,6/41,5	44,7/48,1	
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	46/47	47/48	48/50	49/51	48/49	49/49	52/54	
Dimension ⁵⁾	HxWxD	mm	542x780x289	542x780x289	542x780x289	619x824x299	619x824x299	695x875x320	695x875x320	
Net weight		kg	27	28	33	34	40	42	49	
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)	
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)	
Pipe length range		m	3-15	3-15	3-15	3-15	3-20	3-30	3-30	
Elevation difference (in/out) ⁶⁾		m	15	15	15	15	15	15	20	
Pipe length for additional gas		m	7,5	7,5	7,5	7,5	7,5	7,5	10	
Additional gas amount		g/m	10	10	10	10	15	15	25	
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,61/0,412	0,70/0,473	0,82/0,554	0,87/0,587	1,14/0,770	1,11/0,749	1,32/0,891	
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	

Accessories		Price €
CZ-TAC61	Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
CZ-RD514C	Wired remote controller for Wall Mounted and Floor Console	88,00

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 indoor unit shows the value measured of a position 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-TZ25-TKE-1. SUPER QUIET: For KIT-TZ20-TKE-1, KIT-TZ25-TKE-1 and KIT-TZ35-TKE-1. INTERNET CONTROL: Optional.



Smartphone control and monitoring with WLAN adaptor CZ-TACG1.

Wall Mounted FZ Type Standard Inverter • R32 Gas

Indoor unit			CS-FZ25UKE	CS-FZ35UKE	CS-FZ50UKE	CS-FZ60UKE
		€	324,00	328,00	494,00	664,00
Outdoor unit			CU-FZ25UKE	CU-FZ35UKE	CU-FZ50UKE	CU-FZ60UKE
		€	486,00	492,00	744,00	929,00
Kit Price			€ 810,00	€ 820,00	€ 1.238,00	€ 1.593,00
Cooling capacity	Nominal (Min - Max)	kW	2,50 [0,85 - 3,00]	3,40 [0,85 - 3,90]	5,00 [0,98 - 5,40]	6,25 [0,98 - 7,10]
EER ¹⁾	Nominal (Min - Max)	W/W	3,68 [3,40 - 3,33]	3,18 [3,33 - 3,05]	3,03 [3,44 - 2,90]	3,24 [3,50 - 2,96]
SEER ²⁾			6,20 A+++	6,10 A+++	6,50 A+++	6,20 A+++
Pdesign (cooling)		kW	2,50	3,40	5,00	6,30
Input power cooling	Nominal (Min - Max)	kW	0,68 [0,25 - 0,90]	1,07 [0,26 - 1,28]	1,65 [0,29 - 1,86]	1,93 [0,28 - 2,40]
Annual energy consumption ³⁾		kWh/a	141	195	269	356
Heating capacity	Nominal (Min - Max)	kW	3,15 [0,80 - 3,60]	3,84 [0,80 - 4,40]	5,40 [0,98 - 7,50]	6,80 [0,98 - 8,50]
Heating capacity at -7°C		kW	2,14	2,60	4,58	5,24
COP ¹⁾	Nominal (Min - Max)	W/W	4,04 [4,10 - 3,46]	3,66 [4,10 - 3,41]	3,42 [2,80 - 3,06]	3,51 [2,88 - 3,11]
SCOP ²⁾			4,10 A++	4,10 A++	3,90 A+	3,90 A+
Pdesign at -10°C		kW	1,90	2,40	4,00	4,60
Input power heating	Nominal (Min - Max)	kW	0,78 [0,20 - 1,04]	1,05 [0,20 - 1,29]	1,58 [0,35 - 2,45]	1,94 [0,34 - 2,73]
Annual energy consumption ³⁾		kWh/a	649	820	1436	1651
Indoor unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	—
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 2,5	—
Air volume	Cool / Heat	m ³ /min	10,3/11,0	10,7/11,2	11,6/12,5	17,2/18,7
Moisture removal volume		L/h	1,5	2,0	2,8	3,5
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	37/26/20	38/30/20	44/37/34	45/37/34
	Heat (Hi / Lo / Q-Lo)	dB(A)	37/27/24	38/33/25	44/37/34	45/37/34
Dimension	H x W x D	mm	290 x 850 x 199	290 x 850 x 199	290 x 870 x 214	290 x 1070 x 240
Net weight		kg	8	8	9	12
Outdoor unit						
Air volume	Cool / Heat	m ³ /min	30,5/30,5	31,1/31,1	32,7/32,7	42,6/41,5
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	48/49	48/50	48/49	49/49
Dimension ⁵⁾	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320
Net weight		kg	26	27	38	43
Piping connections	Liquid pipe	Inch (mm)	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)	1/2 (12,70)	1/2 (12,70)
Pipe length range		m	3 - 15	3 - 15	3 - 15	3 - 30
Elevation difference (in/out) ⁶⁾		m	15	15	15	15
Pipe length for additional gas		m	7,5	7,5	7,5	7,5
Additional gas amount		g/m	10	10	15	15
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,58/0,392	0,67/0,452	1,14/0,770	1,15/0,776
Operating range	Cool Min - Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min - Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories		Price €
CZ-TACG1	Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
CZ-RD514C	Wired remote controller for Wall Mounted and Floor Console	88,00

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 indoor unit shows the value measured of a position 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-FZ50-UKE. SUPER QUIET: For KIT-FZ25-UKE and KIT-FZ35-UKE. INTERNET CONTROL: Optional.



Smartphone control and monitoring with WLAN adaptor CZ-TACG1.

Wall Mounted Professional Inverter -20°C • R32 Gas

Indoor unit			CS-Z25TKEA	CS-Z35TKEA	CS-Z42TKEA	CS-Z50TKEA	CS-Z71TKEA
		€	430,00	502,00	834,00	906,00	997,00
Outdoor unit			CU-Z25TKEA	CU-Z35TKEA	CU-Z42TKEA	CU-Z50TKEA	CU-Z71TKEA
		€	1.018,00	1.208,00	1.376,00	1.516,00	1.668,00
Kit Price		€	1.448,00	1.710,00	2.210,00	2.422,00	2.665,00
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 4,00)	4,20 (0,98 - 5,00)	5,00 (0,98 - 6,00)	7,10 (0,98 - 8,10)
EER ¹⁾	Nominal (Min - Max)	W/W	4,90 (5,00 - 4,29)	4,07 (5,00 - 3,64)	3,82 (4,90 - 3,25)	3,60 (3,50 - 3,09)	3,17 (2,33 - 3,03)
SEER ²⁾			8,50 A+++	8,50 A+++	8,50 A+++	8,50 A+++	6,10 A+++
Pdesign		kW	2,50	3,50	4,20	5,00	7,10
Input power cooling	Nominal (Min - Max)	kW	0,51 (0,17 - 0,70)	0,86 (0,17 - 1,10)	1,10 (0,20 - 1,54)	1,39 (0,28 - 1,94)	2,24 (0,42 - 2,67)
Annual energy consumption ³⁾		kWh/a	103	144	173	206	407
Heating capacity	Nominal (Min - Max)	kW	3,40 (0,85 - 5,40)	4,00 (0,85 - 6,60)	5,40 (0,98 - 7,25)	5,80 (0,98 - 8,00)	8,60 (0,98 - 9,90)
Heating capacity at -7°C		kW	3,33	4,07	4,30	5,00	6,13
COP ¹⁾	Nominal (Min - Max)	W/W	4,86 (5,15 - 4,12)	4,35 (5,15 - 3,63)	4,00 (4,45 - 3,37)	4,03 (2,88 - 3,20)	3,51 (2,45 - 3,47)
SCOP ²⁾			4,50 A+	4,40 A+	4,30 A+	4,40 A+	4,00 A+
Pdesign at -10°C		kW	2,80	3,60	3,80	4,40	5,50
Input power heating	Nominal (Min - Max)	kW	0,70 (0,17 - 1,31)	0,92 (0,17 - 1,82)	1,35 (0,22 - 2,15)	1,44 (0,34 - 2,50)	2,45 (0,40 - 2,85)
Annual energy consumption ³⁾		kWh/a	871	1145	1237	1400	1925
Indoor unit							
Power source		V	230	230	230	230	230
Recommended fuse		A	16	16	16	16	20
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 2,5	4 x 2,5
Air Volume	Cool / Heat	m ³ /min	10,4/11,7	10,7/12,4	18,2/20,2	19,2/21,3	20,2/21,0
Moisture removal volume		L/h	1,5	2,0	2,4	2,8	4,1
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	39/25/21	42/28/21	43/32/29	44/37/30	47/38/35
	Heat (Hi / Lo / Q-Lo)	dB(A)	41/27/22	43/30/22	44/35/29	44/37/30	47/38/35
Dimension	H x W x D	mm	295 x 919 x 194	295 x 919 x 194	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	9	10	12	12	13
Outdoor unit							
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	46/48	48/50	48/50	48/50	52/54
Dimension ⁵⁾	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight		kg	37	38	38	43	49
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)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)
Pipe length range		m	3 - 20	3 - 20	3 - 20	3 - 30	3 - 30
Elevation difference (in/out) ⁶⁾		m	15	15	15	15	20
Pipe length for additional gas		m	7,5	7,5	7,5	7,5	10
Additional gas amount		g/m	10	10	10	15	25
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,96/0,648	1,00/0,675	1,08/0,729	1,15/0,776	1,32/0,891
Operating range	Cool Min ~ Max	°C	-20 ~ +43	-20 ~ +43	-20 ~ +43	-20 ~ +43	-20 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories		Price €
CZ-TACG1	Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
PAW-SERVER-PKEA	PCB for installation in server rooms with security	381,00

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 indoor unit shows the value measured of a position 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-Z25-TKEA. SUPER QUIET: For KIT-Z25-TKEA. INTERNET CONTROL: Optional.

NANOE™ X. QUALITY AIR FOR LIFE



No matter where you are on planet earth, air is an essential part in your life. We're working to help every person enjoy better health and comfort by nanoe™ Xair purifier technologies.



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 Floor Console is the ideal air-conditioning system for domestic and commercial applications.



DEODORISATION



INHIBITS GROWTH OF CERTAIN BACTERIA AND VIRUS

1 Deodorises

nanoe™ X deodorises strong and unpleasant odours that cause uneasiness so you can enjoy a more pleasant living space for greater well-being.

2 Inhibits certain Bacteria & Viruses

nanoe™ X inhibits the growth of certain allergens, bacteria and viruses in your home, maintaining a cleaner home for your children.

3 Moisturing Skin

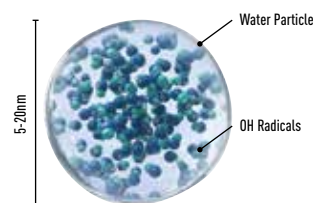
Helps retain the moisture of the skin.

nanoe™ X deodorises and inhibits certain bacteria and viruses

nanoe™ X contains 10X times¹ more OH radicals.

The newly developed nanoe™ X device produces 10x times more OH radicals (4800 billion)¹ than regular nanoe™ device. Greater amounts of OH radicals contained in nanoe™ X lead to outstanding effects in bacteria, viruses and allergens inhibition as well as deodorisation. A fresher and cleaner home awaits you.

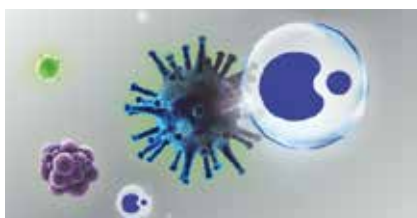
1) Based on Panasonic Survey.



**4800 BILLION
OH RADICALS /
PER SECOND**



How nanoe™ X keeps air fresh and clean



nanoe™ X reaches bacteria.



OH radicals take away hydrogen from bacteria.



OH radicals transform hydrogen in bacteria to water and inhibit bacterial activity.



Smartphone control and monitoring with WLAN adaptor CZ-TACG1.

Floor Console Type Inverter+ • R32 Gas

Indoor unit			CS-Z25UFEAW	CS-Z35UFEAW	CS-Z50UFEAW
			€ 533,00	€ 638,00	€ 924,00
Outdoor unit			CU-Z25UBEA	CU-Z35UBEA	CU-Z50UBEA
			€ 992,00	€ 1.024,00	€ 1.301,00
Kit Price			€ 1.525,00	€ 1.662,00	€ 2.225,00
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,40)	3,50 (0,85 - 3,80)	5,00 (0,90 - 5,70)
EER ¹⁾	Nominal (Min - Max)	W/W	4,81 (3,54 - 3,78)	4,07 (3,54 - 3,73)	3,60 (3,53 - 3,15)
SEER ²⁾			7,90 A++	8,10 A++	6,70 A++
Pdesign (cooling)		kW	2,50	3,50	5,00
Input power cooling	Nominal (Min - Max)	kW	0,52 (0,24 - 0,90)	0,86 (0,24 - 1,02)	1,39 (0,26 - 1,81)
Annual energy consumption ³⁾		kWh/a	111	151	261
Heating capacity	Nominal (Min - Max)	kW	3,40 (0,85 - 5,00)	4,30 (0,85 - 6,00)	5,80 (0,90 - 8,10)
Heating capacity at -7°C		kW	2,88	3,37	5,03
COP ¹⁾	Nominal (Min - Max)	W/W	4,47 (3,54 - 3,70)	3,98 (3,54 - 3,43)	3,74 (3,46 - 3,12)
SCOP ²⁾			4,60 A++	4,60 A++	4,30 A++
Pdesign at -10°C		kW	2,70	3,20	4,40
Input power heating	Nominal (Min - Max)	kW	0,76 (0,24 - 1,35)	1,08 (0,24 - 1,75)	1,55 (0,26 - 2,60)
Annual energy consumption ³⁾		kWh/a	822	974	1433
Indoor unit					
Air volume	Cool / Heat	m ³ /min	9,6/9,9	9,9/10,1	11,6/13,2
Moisture removal volume		L/h	1,5	2,0	2,8
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	38/25/20	39/26/20	44/31/27
	Heat (Hi / Lo / Q-Lo)	dB(A)	38/25/19	39/26/19	46/33/29
Dimension	HxWxD	mm	600 x 750 x 207	600 x 750 x 207	600 x 750 x 207
Net weight		kg	13	13	13
Outdoor unit					
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection indoor / outdoor		mm ²	—	—	—
Air volume	Cool / Heat	m ³ /min	28,7/27,2	34,3/33,5	39,7/38,6
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	46/47	48/48	48/48
Dimension ⁵⁾	HxWxD	mm	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320
Net weight		kg	33	35	43
Piping connections	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)
Pipe length range		m	3 - 20	3 - 20	3 - 30
Elevation difference (in/out) ⁶⁾		m	15	15	20
Pipe length for additional gas		m	7,5	7,5	7,5
Additional gas amount		g/m	10	10	15
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,88/0,594	0,93/0,628	1,13/0,763
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories		Price €
CZ-TACG1	Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
CZ-RD514C	Wired remote controller for Wall Mounted and Floor Console	88,00

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 1m above floor. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-Z35-UFE. SUPER QUIET: For KIT-Z25-UFE and KIT-Z35-UFE. INTERNET CONTROL: Optional. iF DESIGN AWARD 2019: Floor Console awarded with the prestigious iF Design Award 2019.



CZ-BT20EW
RAL9010 panel for 4
Way 60x60 Cassette.



Smartphone control and
monitoring with WLAN
adaptor CZ-TACG1.

4 Way 60x60 Cassette Inverter • R32 Gas

Indoor unit			CS-Z25UB4EAW	CS-Z35UB4EAW	CS-Z50UB4EAW	CS-Z60UB4EAW
		€	1.074,00	1.200,00	1.500,00	1.450,00
Outdoor unit			CU-Z25UBEA	CU-Z35UBEA	CU-Z50UBEA	CU-Z60UBEA
		€	992,00	1024,00	1.301,00	1.491,00
Panel			CZ-BT20EW	CZ-BT20EW	CZ-BT20EW	CZ-BT20EW
		€	262,00	262,00	262,00	262,00
Kit Price			€	2.328,00	2.486,00	3.063,00
Cooling capacity	Nominal (Min - Max)	kW	2,50 [0,85 - 3,20]	3,50 [0,85 - 4,00]	5,00 [0,90 - 5,80]	6,00 [0,90 - 6,35]
EER ¹⁾	Nominal (Min - Max)	W/W	4,55 [3,54 - 3,90]	3,89 [3,54 - 3,39]	3,25 [3,53 - 3,09]	2,93 [3,53 - 2,89]
SEER ²⁾			6,30 A++	6,50 A++	6,40 A++	6,20 A++
Pdesign (cooling)		kW	2,50	3,50	5,00	6,00
Input power cooling	Nominal (Min - Max)	kW	0,55 [0,24 - 0,82]	0,90 [0,24 - 1,18]	1,54 [0,26 - 1,88]	2,05 [0,26 - 2,20]
Annual energy consumption ³⁾		kWh/a	139	188	273	339
Heating capacity	Nominal (Min - Max)	kW	3,20 [0,85 - 4,80]	4,50 [0,85 - 5,60]	5,60 [0,90 - 7,10]	7,00 [0,90 - 8,00]
Heating capacity at -7°C		kW	2,88	3,37	4,40	5,10
COP ¹⁾	Nominal (Min - Max)	W/W	4,05 [3,70 - 3,64]	3,31 [3,70 - 3,20]	3,03 [3,46 - 2,95]	2,92 [3,46 - 2,91]
SCOP ²⁾			4,30 A+	4,20 A+	4,30 A+	4,20 A+
Pdesign at -10°C		kW	2,70	3,00	3,80	4,00
Input power heating	Nominal (Min - Max)	kW	0,79 [0,23 - 1,32]	1,36 [0,23 - 1,75]	1,85 [0,26 - 2,41]	2,40 [0,26 - 2,75]
Annual energy consumption ³⁾		kWh/a	879	1000	1237	1333
Indoor unit						
Panel						
Air volume	Cool / Heat	m ³ /min	10,5/10,8	10,5/10,8	11,5/11,8	12,4/13,5
Moisture removal volume		L/h	1,5	2,0	2,8	3,3
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	34/25/22	34/26/23	37/28/25	42/32/29
	Heat (Hi / Lo / Q-Lo)	dB(A)	35/28/25	35/28/25	38/29/26	43/32/29
Dimension (HxWxD)	Indoor	mm	260x575x575	260x575x575	260x575x575	260x575x575
	Panel	mm	51x700x700	51x700x700	51x700x700	51x700x700
Net weight	Indoor / Panel	kg	18/2,5	18/2,5	18/2,5	18/2,5
Outdoor unit						
Power source		V	230	230	230	230
Recommended fuse		A	—	—	—	—
Connection indoor / outdoor		mm ²	—	—	—	—
Air volume	Cool / Heat	m ³ /min	28,7/27,2	34,3/33,5	39,7/38,6	42,6/41,5
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	46/47	48/48	48/48	49/50
Dimension ⁵⁾	HxWxD	mm	542x780x289	619x824x299	695x875x320	695x875x320
Net weight		kg	33	35	43	43
Piping connections	Liquid pipe	Inch (mm)	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)	1/2 (12,70)	1/2 (12,70)
Pipe length range		m	3-20	3-20	3-30	3-30
Elevation difference (in/out) ⁶⁾		m	15	15	20	20
Pipe length for additional gas		m	7,5	7,5	7,5	7,5
Additional gas amount		g/m	10	10	15	15
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,88/0,594	0,93/0,628	1,13/0,763	1,13/0,763
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories		Price €
CZ-TACG1	Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1	RAC interface adapter for integration into P-Link	253,00

Accessories		Price €
CZ-RD52CP	Wired remote controller for Cassette	150,00

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 indoor unit shows the value measured of a position 1,5m below the unit. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-Z35-UB4EA. SUPER QUIET: For KIT-Z25-UB4EA. INTERNET CONTROL: Optional.



CZ-RL511D
NEW optional wireless kit.



Smartphone control and monitoring with WLAN adaptor CZ-TAC61.

Low Static Pressure Hide Away Inverter • R32 Gas

Indoor unit			CS-Z25UD3EAW	CS-Z35UD3EAW	CS-Z50UD3EAW	CS-Z60UD3EAW
			€ 846,00	€ 1.111,00	€ 1.587,00	€ 1.677,00
Outdoor unit			CU-Z25UBEA	CU-Z35UBEA	CU-Z50UBEA	CU-Z60UBEA
			€ 992,00	€ 1.024,00	€ 1.301,00	€ 1.491,00
Kit Price			€ 1.838,00	€ 2.135,00	€ 2.888,00	€ 3.168,00
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,20)	3,50 (0,85 - 4,00)	5,10 (0,90 - 5,70)	6,00 (0,90 - 6,50)
EER ¹⁾	Nominal (Min - Max)	W/W	4,31 (3,54 - 3,76)	3,85 (3,54 - 3,36)	3,27 (3,53 - 3,20)	2,94 (3,53 - 2,83)
SEER ²⁾			5,90 A+	5,80 A+	5,90 A+	5,60 A+
Pdesign (cooling)		kW	2,50	3,50	5,10	6,00
Input power cooling	Nominal (Min - Max)	kW	0,58 (0,24 - 0,85)	0,91 (0,24 - 1,19)	1,56 (0,26 - 1,78)	2,04 (0,26 - 2,30)
Annual energy consumption ³⁾		kWh/a	148	211	303	375
Heating capacity	Nominal (Min - Max)	kW	3,20 (0,85 - 4,60)	4,20 (0,85 - 5,10)	6,10 (0,90 - 7,20)	7,00 (0,90 - 8,00)
Heating capacity at -7°C		kW	2,60	3,00	4,50	5,10
COP ¹⁾	Nominal (Min - Max)	W/W	4,00 (3,70 - 3,68)	3,82 (3,70 - 3,59)	3,35 (3,46 - 3,27)	3,24 (3,46 - 3,08)
SCOP ²⁾			4,20 A+	4,10 A+	4,10 A+	4,10 A+
Pdesign at -10°C		kW	2,60	2,80	4,00	4,60
Input power heating	Nominal (Min - Max)	kW	0,80 (0,23 - 1,25)	1,10 (0,23 - 1,42)	1,82 (0,26 - 2,20)	2,16 (0,26 - 2,60)
Annual energy consumption ³⁾		kWh/a	867	956	1366	1571
Indoor unit						
External static pressure ⁴⁾	Min - Max	Pa	15 - 45	15 - 45	15 - 50	15 - 50
Air volume	Cool / Heat	m ³ /min	10,5 / 10,5	11,2 / 11,2	15,3 / 15,3	15,7 / 15,7
Moisture removal volume		L/h	1,5	2,0	2,8	3,3
Sound pressure ⁵⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	33/27/24	33/27/24	39/29/26	41/30/27
	Heat (Hi / Lo / Q-Lo)	dB(A)	35/27/24	35/27/24	39/30/27	41/32/29
Dimension	HxWxD	mm	200x750x640	200x750x640	200x750x640	200x750x640
Net weight		kg	19	19	19	19
Outdoor unit						
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	—
Connection indoor / outdoor		mm ²	4x1,5-2,5	4x1,5-2,5	4x1,5-2,5	—
Air volume	Cool / Heat	m ³ /min	28,7/27,2	34,3/33,5	39,7/38,6	42,6/41,5
Sound pressure ⁵⁾	Cool / Heat (Hi)	dB(A)	46/47	48/48	48/48	49/50
Dimension ⁶⁾	HxWxD	mm	542x780x289	619x824x299	695x875x320	695x875x320
Net weight		kg	33	35	43	43
Piping connections	Liquid pipe	Inch (mm)	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)	1/2(12,70)	1/2(12,70)
Pipe length range		m	3 - 20	3 - 20	3 - 30	3 - 30
Elevation difference (in/out) ⁷⁾		m	15	15	20	20
Pipe length for additional gas		m	7,5	7,5	7,5	7,5
Additional gas amount		g/m	10	10	15	15
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,88/0,594	0,93/0,628	1,13/0,763	1,13/0,763
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories	Price €
CZ-TAC61 Panasonic Comfort Cloud for internet control	105,00
CZ-CAPRA1 RAC interface adapter for integration into P-Link	253,00

Accessories	Price €
CZ-RL511D NEW Infrared remote controller Sky Remote. 2m cable length of infrared receiver (available in April 2019)	115,00

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 specification listed on the table indicates values under the condition of 25Pa (2,5mmAq) which are applied for factory default setting. Change switch on PCB from Hi to S-Hi to have more than 6,0mmAq. 5) The sound pressure of the indoor unit shows the value measured of a position of 1,5m below the unit with 1m duct on the suction side and 2m duct on the discharge side. For outdoor unit 1m in front and 1m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. 6) Add 100mm for indoor unit or 70mm for outdoor unit for piping port. 7) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-Z25-UD3EA. INTERNET CONTROL: Optional.

MULTI SPLIT AND FREE MULTI SYSTEM

If air conditioning requirements exceed the ambit of a single room, Panasonic offers you a very extensive range of possibilities with up to 5 indoor units connected to a single outdoor unit.

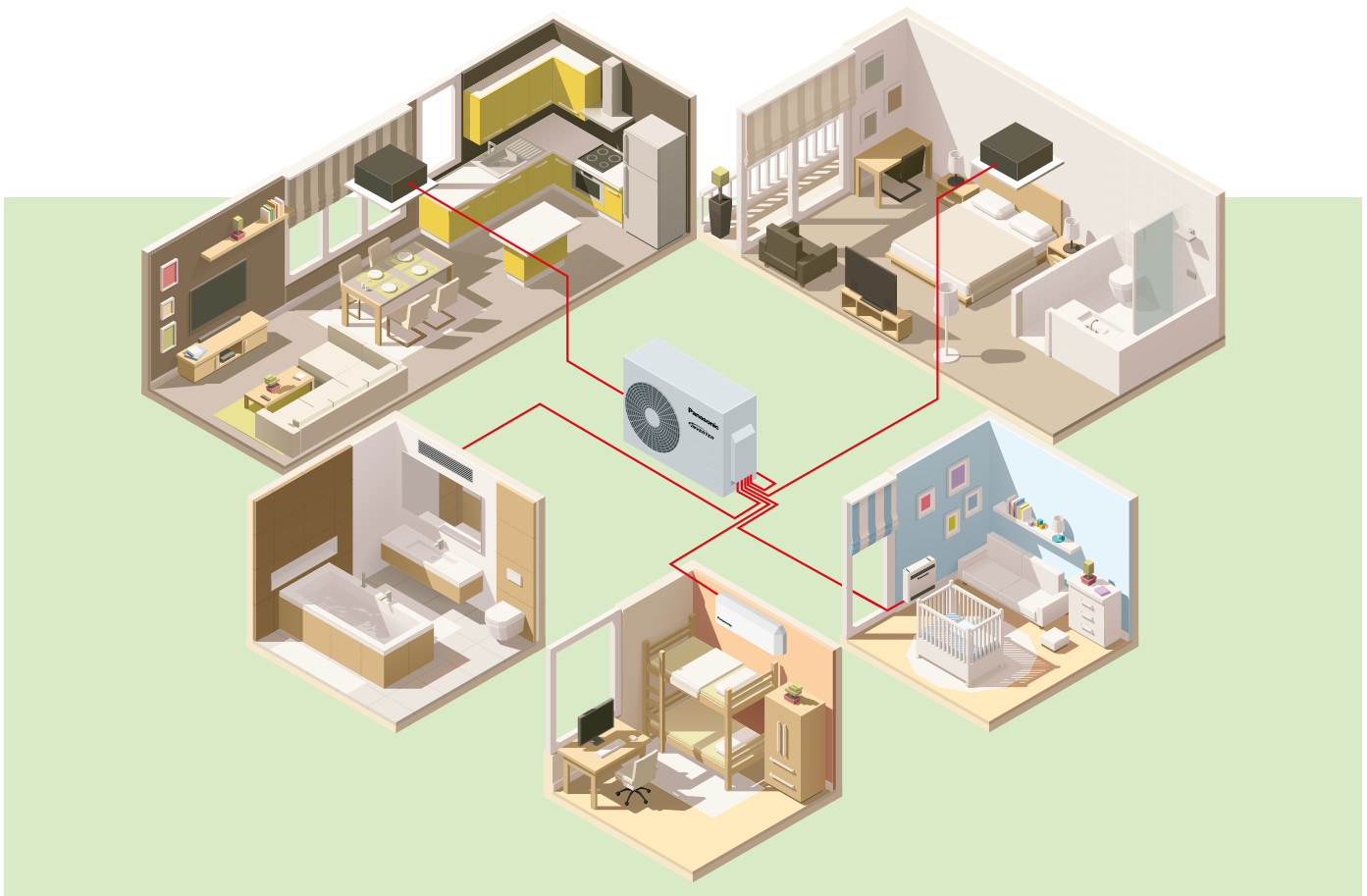


Panasonic offers widest range in Multi split systems

2 types of Multi split range from 3,50 to 9,00kW for 5 indoor units with one outdoor unit.

Free Multi Z	New Multi TZ Wall with R32 refrigerant
Full flexibility up to 9,00kW and up to 5 ports with wide range of indoor units including high performance Etherea indoor units, reaching up to A+++ / A++	From 4,10 to 5,20kW for TZ Wall Compact Style unit, reaches A++ / A+

Line up	Refrigerant	Capacities	Indoor unit ports	Efficiency up to	Indoor units				
					Etherea	Compact Style	Floor Console	Cassette	Hide Away
Multi Z	R32	8 units (3,50 ~ 9,00kW)	2~5	A+++ / A++	Yes	Yes	Yes	Yes	Yes
Multi TZ	R32	3 units (4,10 ~ 5,20kW)	2~3	A++ / A+		Yes			



Why a Multi Split is better than several separate split units

Up to 5 indoor units with a single outdoor unit.

- Just one compact outdoor unit
- Increased comfort in the house since every room has its own indoor unit for heating

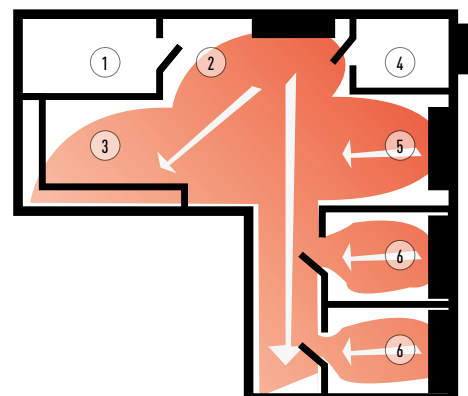
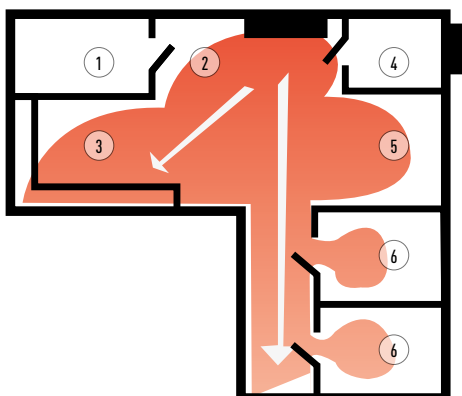
- Much more powerful than a single split
- More efficient since the units are always operating at full capacity
- You can connect all types of indoor units, such as wall types and consoles, depending on what suits your house best

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



Outdoor unit Free Multi System Z • R32 Gas

Indoor nominal capacity (Min - Max)			3,20~6,00kW	3,20~6,00kW	3,20~7,70kW	4,50~9,50kW	4,50~11,20kW	4,50~11,50kW	4,50~14,70kW	4,50~18,30kW
Unit			CU-2Z35TBE	CU-2Z41TBE	CU-2Z50TBE	CU-3Z52TBE	CU-3Z68TBE	CU-4Z68TBE	CU-4Z80TBE	CU-5Z90TBE
		€	1.450,00	1.870,00	2.304,00	2.391,00	2.797,00	2.964,00	4.254,00	4.652,00
Cooling capacity	Nominal (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)
EER ¹⁾	Nominal (Min - Max)	W/W	4,86(6,00-4,09)	4,56(6,00-3,80)	4,24(6,00-3,62)	4,77 A	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	Nominal (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	Nominal (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⁾	Nominal (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	Nominal (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⁾	HxWxD	mm	619x824x299	619x824x299	619x824x299	795x875x320	795x875x320	795x875x320	999x940x340	999x940x340
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	6~70	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	-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 and 1m in rear side of the main body. The sound pressure is measured in accordance with JIS C 9612. 5) Add 70 or 95mm for piping port. 6) Minimum piping length is 3 meters per indoor unit.

Possible outdoor / indoor units combinations • R32 Gas

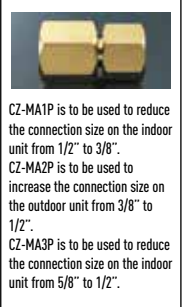
Rooms	Model	Indoor capacity connected (Min - Max)	NEW Etherea Silver							NEW Etherea Pure White Matt							Wall Mounted TZ Compact Style							Floor Console*							4 Way 60x60 Cassette							Low Static Pressure Hide Away											
			16	20	25	35	42	50	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42	50	60	71	16	20	25	35	42	50	60
2	CU-2Z35TBE	3,20~6,00kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CU-2Z41TBE	3,20~6,00kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CU-2Z50TBE	3,20~7,70kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	CU-3Z52TBE	4,50~9,50kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CU-3Z68TBE	4,50~11,20kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	CU-4Z68TBE	4,50~11,50kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CU-4Z80TBE	4,50~14,70kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	CU-5Z90TBE	4,50~18,30kW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

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. Compatible only with 2 ports outdoor CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE. Minimum quantity of connection: 2 indoor units.

Outdoor Multi combination model

	Model	Price €
CS-MZ16VKE / CS-MTZ16TKE CS-XZ20VKEW / CS-Z20VKEW / CS-TZ20TKEW-1 / CS-MZ20UFEA / CS-MZ20UB4EA / CS-MZ20UD3EA CS-XZ25VKEW / CS-Z25VKEW / CS-TZ25TKEW-1 / CS-Z25UFEAW / CS-Z25UB4EA / CS-Z25UD3EA CS-XZ35VKEW / CS-Z35VKEW / CS-TZ35TKEW-1 / CS-Z35UFEAW / CS-Z35UB4EA / CS-Z35UD3EA	CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE / CU-3Z52TBE / CU-3Z68TBE / CU-4Z68TBE / CU-4Z80TBE / CU-5Z90TBE	—
CS-Z42TKEW / CS-TZ42TKEW-1 CS-XZ50VKEW / CS-Z50VKEW / CS-TZ50TKEW / CS-Z50UFEAW / CS-Z50UB4EA / CS-Z50UD3EA	CU-2Z50TBE / CU-3Z52TBE / CU-3Z68TBE / CU-4Z68TBE / CU-4Z80TBE / CU-5Z90TBE	CZ-MA1P 8,00
CS-TZ60TKEW / CS-Z60UB4EA / CS-Z60UD3EA	CU-3Z68TBE / CU-4Z68TBE / CU-4Z80TBE / CU-5Z90TBE	CZ-MA2P 8,50
CS-Z71VKEW / CS-TZ71TKEW	CU-4Z80TBE / CU-5Z90TBE	CZ-MA2P / CZ-MA3P* 12,50

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





NEW
2019



CZ-RD514C
Optional wired
remote controller.

INTERNET CONTROL: Built-in.



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		Silver Price	White Price
						Cool — Heat (Hi/L0/S-Lo)			Liquid / Gas pipe			
						kW	kW		mm ²	dB(A)		
1,60kW	—	CS-MZ16VKE	1,60	2,60	4 x 1,5	38/26/21 — 39/27/21		295 x 919 x 194/9	1/4 (6,35) / 3/8 (9,52)		—	343,00
2,00kW	CS-XZ20VKEW	CS-Z20VKEW	2,00	3,20	4 x 1,5	39/26/21 — 40/27/21		295 x 919 x 194/9	1/4 (6,35) / 3/8 (9,52)		450,00	372,00
2,50kW	CS-XZ25VKEW	CS-Z25VKEW	2,50	3,60	4 x 1,5	41/27/21 — 43/29/21		295 x 919 x 194/10	1/4 (6,35) / 3/8 (9,52)		477,00	399,00
3,50kW	CS-XZ35VKEW	CS-Z35VKEW	3,20	4,50	4 x 1,5	44/30/21 — 45/35/21		295 x 919 x 194/10	1/4 (6,35) / 3/8 (9,52)		509,00	445,00
4,20kW	—	CS-Z42VKEW	4,00	5,60	4 x 1,5	44/33/27 — 45/37/31		295 x 919 x 194/10	1/4 (6,35) / 1/2 (12,70)		—	655,00
5,00kW	CS-XZ50VKEW	CS-Z50VKEW	5,00	6,80	4 x 1,5	44/39/32 — 46/39/32		302 x 1120 x 236/12	1/4 (6,35) / 1/2 (12,70)		838,00	762,00
7,10kW	—	CS-Z71VKEW	7,10	8,60	—	49/40/32 — 49/40/32		302 x 1120 x 236/13	1/4 (6,35) / 5/8 (15,88)		—	1075,00



CZ-RD514C
Optional wired
remote controller.

INTERNET CONTROL: Optional.



Wall Mounted TZ Compact Style	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ¹⁾		Dimension / Net weight	Piping connections		Price
					Cool — Heat (Hi/L0/S-Lo)			Liquid / Gas pipe		
					kW	kW		mm ²	dB(A)	
1,60kW	CS-MT216TKE	1,60	2,60	4 x 1,5	38/27/22 — 39/28/24		290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)		275,00
2,00kW	CS-TZ20TKEW-1	2,00	3,20	4 x 1,5	39/27/22 — 40/28/24		290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)		294,00
2,50kW	CS-TZ25TKEW-1	2,50	3,60	4 x 1,5	42/28/22 — 42/29/24		290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)		318,00
3,50kW ²⁾	CS-TZ35TKEW-1	3,50	4,50	4 x 1,5	44/32/22 — 44/35/24		290 x 799 x 197/8	1/4 (6,35) / 3/8 (9,52)		388,00
4,20kW	CS-TZ42TKEW-1	4,20	5,00	4 x 1,5	44/33/31 — 46/37/30		290 x 799 x 197/8	1/4 (6,35) / 1/2 (12,70)		508,00
5,00kW	CS-TZ50TKEW	5,00	5,30	4 x 1,5	44/39/36 — 46/39/36		302 x 1102 x 244/12	1/4 (6,35) / 1/2 (12,70)		593,00
6,00kW	CS-TZ60TKEW	6,00	8,50	4 x 1,5	44/39/36 — 47/39/36		302 x 1102 x 244/12	1/4 (6,35) / 1/2 (12,70)		760,00
7,10kW	CS-TZ71TKEW	7,10	8,70	4 x 1,5	49/40/37 — 49/40/37		302 x 1102 x 244/13	1/4 (6,35) / 1/2 (12,70)		846,00



CZ-RD514C
Optional wired
remote controller.

INTERNET CONTROL: Optional.



Floor Console ³⁾	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ⁴⁾		Dimension / Net weight	Piping connections		Price
					Cool — Heat (Hi/L0/S-Lo)			Liquid / Gas pipe		
					kW	kW		mm ²	dB(A)	
2,00kW	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)		480,00
2,50kW	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)		533,00
3,50kW ⁵⁾	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)		638,00
5,00kW	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) / 3/8 (9,52)		924,00



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



CZ-RD52CP
Optional wired
remote controller.

INTERNET CONTROL READY and EASY CONTROL BY BMS: Optional.



4 Way 60x60 Cassette	Indoor unit (Panel CZ-BT20EW)	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ⁶⁾		Dimension / Net weight		Piping connections	Indoor Price	Panel Price
					Cool — Heat (Hi/L0/S-Lo)		Indoor H x W x D	Panel H x W x D			
					kW	kW	mm ²	dB(A)			
2,00kW	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)	957,00	262,00
2,50kW	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)	1.074,00	262,00
3,50kW 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)	1.200,00	262,00
5,00kW ⁵⁾	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) / 3/8 (9,52)	1.500,00	262,00
6,00kW	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)	1.450,00	262,00



CZ-RL511D
NEW optional wireless
kit.

INTERNET CONTROL READY and EASY CONTROL BY BMS: Optional.



Low Static Pressure Hide Away	Indoor unit	Cooling capacity	Heating capacity	Connection in. / out.	Sound pressure ⁷⁾		Dimension / Net weight	Piping connections		Price
					Cool — Heat (Hi/L0/S-Lo)			Liquid / Gas pipe		
					kW	kW		mm ²	dB(A)	
2,00kW	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)		761,00
2,50kW	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)		846,00
3,50kW 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)		1.111,00
5,00kW ⁵⁾	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) / 3/8 (9,52)		1.587,00
6,00kW	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)		1.677,00

1) The sound pressure of the indoor unit 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 JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 2) The heating capacity is 4,20kW connected to a CU-Z235TBE. 3) Compatible only with 2 ports Outdoor CU-Z235TBE / CU-Z241TBE / CU-Z250TBE. 4) The sound pressure of the units shows the value measured of a position 1m in front of the main body and 1m above floor. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) The heating capacity is 5,30kW connected to a CU-Z250TBE. 6) The sound pressure of the indoor unit shows the value measured of a position 1,5m below the unit. 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 of 1,5m below the unit with 1m duct on the suction side and 2m duct on the discharge side. The sound pressure is measured in accordance with JIS C 9612.

NEW PANASONIC COMFORT CLOUD

More than a control in your phone.

NEW BOUNDARIES IN CONTROL

ENERGY MONITOR AND STATISTICS

SCALABILITY AND USERS MANAGEMENT



Advanced smartphone control for domestic range.

Control air to air heat pump operation with Panasonic Comfort Cloud plus additional functions only available thru the Cloud from wherever and whenever. One user can manage up to 200 units and also set up different user and rights. Also energy monitor is possible giving the chance to learn how to reduce even more the operating cost.



New possibilities, new applications

- 1. Families:** Different users can be set up, such as each child can manage their own room only. In the case of second houses, this can be remotely pre-cooled or pre-warmed. Or just turned OFF remotely if someone forget and left the system on.
- 2. Multi tenant owner:** Can manage different sites, up to 200 units with just one smartphone. Knowing the consumption of each place and remotely have error codes remotely for better and quick maintenance.
- 3. Small and medium sized offices:** Owner can control different rooms of the office easily and give unit by unit access to their staff. Also providing information to know where energy might be wasted for heating and cooling and promoting best comfort practices.

1 New boundaries in control

With Panasonic Comfort Cloud the user can manage all functions of the heat pump plus even more. All functions that your heat pump can include like nanoe™ X air purifier, air Flow direction, speed, temperature setting, mode,... all these can be simply managed through Panasonic Comfort Cloud. Also some other additional functions can be easily managed through the App including:

- All ON/OFF at once. For sites with more than one unit in one site, user can turn them all ON or OFF with just one click
- Set weekly timer. Set up to 6 events per day, 42 in a week, easy, intuitive and fast
- Pre-heat or cool. Control your house or office comfort - before you arrive!
- Error code notification. If trouble occurs, error notification or maintenance code is shown



2 Energy monitor and statistics

Knowing the energy each unit uses when operating is key to see opportunities to reduce the energy bill. Panasonic Comfort Cloud stores the energy consumption* of each unit, which can then be shown in easy and powerful statistics graphs. This function is available from VKE, TKE and UKE generation.

With the weekly timer the operation can be adjusted to optimize the usage of the energy.

*Estimated energy consumption data accuracy is depending on power supply quality.



3 Scalability and users management

Easily to include additional units and locations as well as including several users with different access rights. This creates more possibilities to manage family house, a second house and also provides opportunities for small/medium sized offices or multi-tenant properties.

- Up to 200 units. Up to 10 Locations (20 units per site)
- User's control rights. Main user can set up other users with limited rights on units and set up



Compatibility: Most Panasonic Domestic range are compatible with CZ-TACG1 WLAN accessory: CS-VZ**SKE, CS-XZ**VKEW, CS-Z**VKEW, CS-TZ**TKEW, CS-RZ**VKEW, CS-FZ**UKE, CS-UZ**VKE, CS-PZ**VKE, CS-DZ**VKE, CS-Z**TKEA, CS-Z**UFEAW, CS-Z**UB4EAW, CS-Z**UD3EAW, . CS-XE**SKEW, CS-E**SKEW-M, CS-TE**TKEW, CS-FE**UKE, CS-BE**TKE, CS-DE**TKE, CS-E**PKEA, CS-E**PB4EA, CS-E**PD3EA. VKE generation will be also compatible. For built-in WLAN such as CS-Z**VKEW, CS-MZ16VKE and CS-XZ**VKEW it is not required the accessory CZ-TACG1.

Remark: indoor temperature display and some special functions are not available through the App for all models. Languages: Available in 19 European languages: Bulgarian, Croatian, Czech, Danish, Deutsch, English, Estonian, Finnish, French, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Slovenian, Spanish, Swedish and Turkish.

Panasonic Comfort Cloud for internet control - CZ-TACG1

Indoor Unit



Network Adaptor (CZ-TACG1)

Other hardware requirements (purchase and subscribe separately)



Download free App



Panasonic Comfort Cloud

Input Voltage	DC 12V
Power Consumption	Max. 660mW
Size (H x W x D)	66 x 36 x 12mm
Mass	Approx. 85g
Interface	1 x Wireless LAN
Wireless LAN Standard	IEEE 802.11 b/g/n
Frequency Range	2,4GHz band
Encryption	WPA2-PSK (TKIP/AES)

NEW SKY CONTROLLER VERSATILE CONTROL UP

Enjoy innovative design at your fingertips with the new stylish and sleek Backlit Sky Controller.



With fast access to key operations and a smooth gliding cover revealing more options, controlling your settings has become simple and intuitive. With a width of 58,9mm and a length of 164,7mm, the Sky Controller fits comfortably into your hand.

Backlit led screen

The Sky Controller reveals its settings in a better light thanks to the new backlit screen. Now you can adjust your settings without having to switch on the lights.

Distinctive sliding cover

A smooth sliding cover does not only enhance the remote's clean lines, but keeps the buttons free from dirt and smudges.

Precise temperature control

With the Sky Controller's 0,5°C temperature control, enjoy more precise temperature regulation and experience greater comfort.

ACCESSORIES AND CONTROL

Accessories Interfaces



CZ-TACG1

Panasonic Comfort Cloud for internet control.

105,00 €



CZ-CAPRA1

RAC interface adapter for integration into P-Link.

253,00 €



PAW-AC-KNX-1i

This interface can be used with all models which have a CN-CNT connector.

443,00 €



PAW-AC-MBS-1

This interface can be used with all models which have a CN-CNT connector.

443,00 €



PAW-AC-ENO-1i

This interface can be used with all models which have a CN-CNT connector.

443,00 €



PAW-AC-BAC-1

This interface can be used with all models which have a CN-CNT connector.

721,00 €



PAW-AC-DIO

This interface can be used with all models which have a CN-RMT connector.

268,00 €



PAW-AC-HEAT-1

Heating only PCB for Ethera, 4 Way 60x60 Cassette and Hide Away.

170,00 €



PAW-SMSCONTROL

Control of the Ethera, Flagship and Heatcharge by SMS (need additional SIM card).

381,00 €

Individual Controls



CZ-RD514C

Wired remote controller for wall type.

88,00 €



CZ-RD52CP

Wired remote controller for Cassette.

150,00 €



CZ-RL511D

NEW Infrared remote controller Sky Remote. 2m cable length of infrared receiver for Hide Away (available in April 2019).

115,00 €

Panel



CZ-BT20EW

RAL9010 panel for 4 Way 60x60 Cassette.

262,00 €