

# Panasonic

## NEW FLOOR CONSOLE

with new nanoe™ X air-purifying system: outstanding efficiency A++ and comfort combined with a breakthrough design



# NEW FLOOR CONSOLE EFFICIENT COMFORT AND CLEAN AIR ALL YEAR



- The new Floor console has been designed to follow the high European demands: Superquiet operation, high efficiency and purifying the air.
- Superquiet operation: When the system reaches the setting temperature the unit will work from only 20dB(A). Because a comfortable home is not only temperature, quiet atmosphere also matters.
- Fully developed to work with new R32 refrigerant it is ready for the future. R32 gas is more environmentally friendly than R410A.



## Always fresh and clean air with nanoe™ X

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

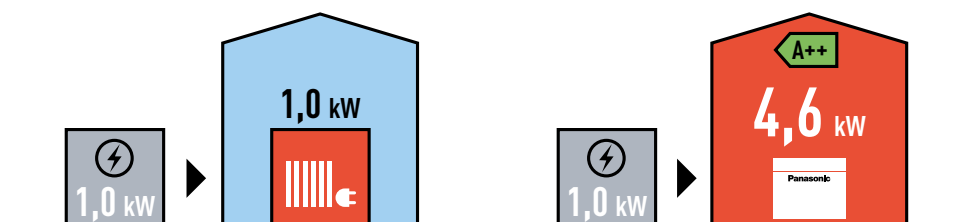
- Purification operation can work simultaneously or independently from heating/cooling operation.
- Inhibiting certain viruses, bacteria & deodorisation (bacteria, fungus, pollen, virus and cigarette smoke). OH radicals in nanoe™ X pull bacteria's hydrogen out and it is effectively deodorised and sterilised



## High Energy efficiency class A++

Comfort and high efficiency is possible when combining the finest technology with 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 costs are substantially reduced. The system can heat even at -15°C outside.

### Electrical Heater vs Heat pump



Heat pump takes the heat energy of the outside to bring inside. The new floor console can heat even at -15°C Outside.

SCOP on heating mode for Floor Console Type KIT-Z25-UFE and KIT-Z35-UFE compared with electrical heaters at +7°C



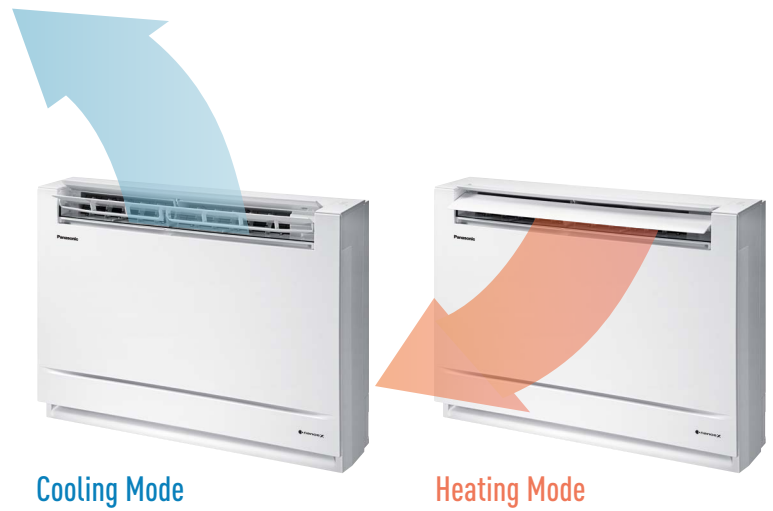
New Floor Console with new nanoe™ X air-purifying system: outstanding efficiency A++, comfort (Super Quiet technology only 20dB(A)) and healthy air combined with a breakthrough design.

### Easy to integrate to your home

A breakthrough design that combines perfectly with any style. We have carefully selected the materials and processes for refined design. Compact size and good balanced design will easily integrate to your home decoration. There are four possibilities to install:



The perfect solution for the replacement of old boiler heating systems



Double airflow for improved comfort and temperature dispersion: through the top for an efficient operation.

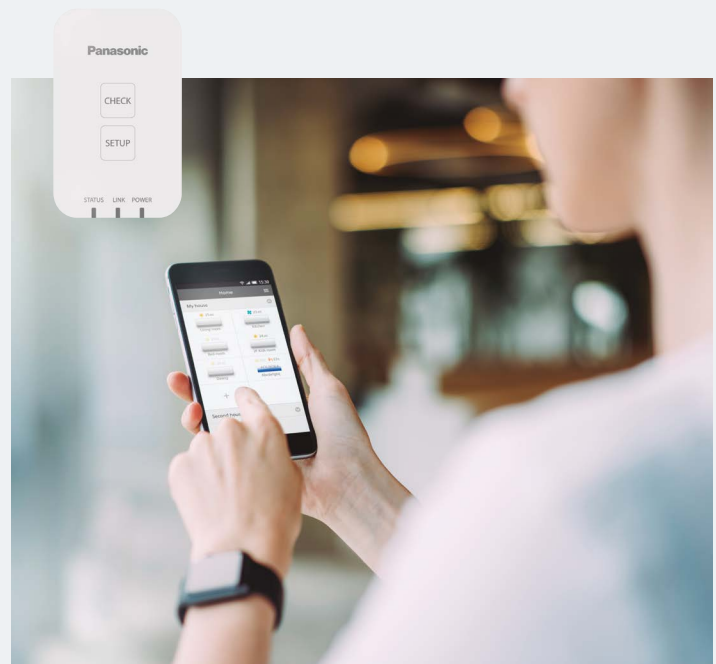
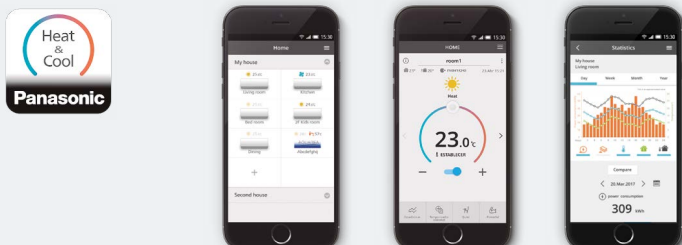


New design and new wireless control

### New Panasonic Wifi kit

#### Control your comfort and the power consumption with your smartphone

Control your air conditioning with the smart internet control device via smartphones, tablet and smart desktop phone 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 efficiency with the lowest energy consumption.



# New Floor Console Type Inverter+ R32 GAS



Kit			KIT-Z25-UFE	KIT-Z35-UFE	KIT-Z50-UFE
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 <sup>1)</sup>	Nominal (Min - Max)	W/W	4,81 [3,54 - 3,78] A	4,07 [3,54 - 3,73] A	3,60 [3,53 - 3,15] A
<b>SEER <sup>2)</sup></b>		<b>W/W</b>	<b>7,90 &lt;A++&gt;</b>	<b>8,10 &lt;A++&gt;</b>	<b>6,70 &lt;A++&gt;</b>
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 <sup>3)</sup>		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 <sup>1)</sup>	Nominal (Min - Max)	W/W	4,47 [3,54 - 3,70] A	3,98 [3,54 - 3,43] A	3,74 [3,46 - 3,12] A
<b>SCOP <sup>2)</sup></b>		<b>W/W</b>	<b>4,60 &lt;A++&gt;</b>	<b>4,60 &lt;A++&gt;</b>	<b>4,30 &lt;A++&gt;</b>
Pdesign at -10°C		kW	2,7	3,2	4,4
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 <sup>3)</sup>		kWh/a	822	974	1433
<b>Indoor unit</b>			<b>CS-Z25UFEAW</b>	<b>CS-Z35UFEAW</b>	<b>CS-Z50UFEAW</b>
Air volume	Cool / Heat	m <sup>3</sup> /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 <sup>4)</sup>	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	H x W x D	mm	600 x 750 x 207	600 x 750 x 207	600 x 750 x 207
Net weight		kg	13	13	13
<b>Outdoor unit</b>			<b>CU-Z25UBEA</b>	<b>CU-Z35UBEA</b>	<b>CU-Z50UBEA</b>
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection indoor / outdoor		mm <sup>2</sup>	—	—	—
Air volume	Cool / Heat	m <sup>3</sup> /min	28,7/27,2	34,3/33,5	39,7/38,6
Sound pressure <sup>4)</sup>	Cool / Heat (Hi)	dB(A)	46/47	48/48	48/48
Dimension <sup>5)</sup>	H x W x D	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) <sup>6)</sup>		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)		kg / TCO <sub>2</sub> Eq.	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

<b>CZ-TACG1</b>	<b>NEW</b> Panasonic Wifi kit for internet control
<b>CZ-CAPRA1</b>	RAC interface adapter for integration into P Link
<b>CZ-RD52CP</b>	Wired remote controller for Floor Console and Cassette

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. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 0-Lo: Quiet mode. Lo: The lowest fan speed. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



Our heat pumps containing the refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP).



Exceptional Seasonal Cooling Efficiency based on the ErP regulation. Higher SEER ratings mean greater efficiency. Save all the year while cooling!



Exceptional Seasonal Heating Efficiency based on the ErP regulation. Higher SCOP ratings mean greater efficiency. Save all the year while heating!



Inverter Plus System classification highlight the Panasonic highest performing systems



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



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



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



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



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



Internet Control is a next generation system providing a user-friendly remote controller of air conditioning or heat pump units from everywhere, via internet.



The communication port is integrated into the indoor unit and provides easy connection to your Panasonic heat pump to your home management system.

# Panasonic

To find out how Panasonic cares for you, log on to [www.aircon.panasonic.eu/IE\\_en/](http://www.aircon.panasonic.eu/IE_en/)  
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