

# NEW FLOOR CONSOLE TYPE

# Panasonic



## New Floor Console

- Can be installed on R22 pipings
- More efficient than ever and higher savings
- Heating mode down to -20°C with high efficiency



## INVERTER

### Inverter technology exceptional energy-saving performance

Panasonic Inverter air conditioners are designed to give you exceptional energy savings and performance, whilst also ensuring you stay comfortable at all times. At the start up of an air conditioner's operation, powerful operation is required to reach the set temperature. After the set temperature is reached, less power is required to maintain it. A conventional non-Inverter air conditioner can only operate at a constant speed which is too powerful to maintain the set temperature. Thus, in attempting to achieve this, it switches the compressor ON and OFF repeatedly. This results in wider temperature fluctuations leading to wasteful consumption of energy. The Panasonic Inverter air conditioner varies the rotation speed of the compressor. This provides a highly precise method of maintaining the set temperature. Unlike a conventional non-Inverter air conditioner which consumes a lot of energy, Panasonic Inverter air conditioner reduces wasteful operation - giving you energy savings of up to 50%<sup>1</sup> on cooling mode.

### The advantages of inverter air conditioners. Comparing Inverter and non-Inverter air conditioners

#### NO INVERTER



#### INVERTER

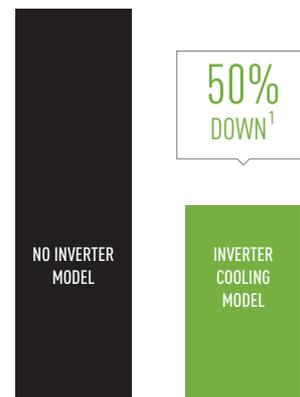


**NO INVERTER** Slow to start. Takes longer to reach the temperature set point. The temperature oscillates between the two extremes and never stabilises. The temperature falls and then rises quickly, leading to a consumption peak.

**INVERTER** Rapidly reaches the desired temperature. Adjusts the temperature: more comfort and greater savings. Keeps the temperature comfortable all the time.

### Why Panasonic Inverter is better?

Panasonic leads production of compressors around the world. This fact is giving tremendous technology advantage in the core part of heat pumps. That's why Panasonic Inverter provides quicker response, thanks to higher maximum performance, meanwhile lower speed level of compressor allows to keep temperature with minimum effort. Additionally Panasonic provides 5 years warranty in compressor.



### Electricity Consumption Comparison. During Cooling Up To 50 %<sup>1</sup> energy savings.

1. Comparison of 1.5 HP Inverter model and 1.5 HP No Inverter model (Cooling)

Outside temperature: 35 °C / 24 °C. Remote setting temperature: 25 °C with Fan speed (High) Vertical Airflow direction: Auto, Horizontal Airflow direction: Front.

Total power consumption amount are measured for 8 hours from starting. At Panasonic Amenity Room (size: 16.6 m<sup>2</sup>) This is the maximum energy savings value, and the effect differs according to conditions in installation and usage.

## FLOOR CONSOLE TYPE INVERTER+

### KIT-E9-PFE // KIT-E12-PFE // KIT-E18-PFE

#### Technical focus

- **New!** This units can be installed on R22 pipings
- More efficient than ever for improved energy consumption and higher savings
- Heating mode down to -20°C with high efficiency
- Double airflow for better efficiency
- Powerful mode for quick temperature setting
- R410A refrigerant gas

#### Healthy air

- Soft dry operation mode
- Odour-removing function

#### Energy, efficiency and ecology

- Maximum efficiency Inverter system
- R410A refrigerant gas

#### Comfort

- Super Quiet
- Powerful mode
- Automatic vertical airflow control
- Hot start mode
- Automatic restart

#### Ease of use

- Real time clock with single ON&OFF timer
- User friendly infrared remote control

#### Easy installation and maintenance

- Removable, washable panel
- Maximum connection distance 15m (E9, 12), 20m (E18)
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function



Included with the indoor unit



CU-E9PFE  
CU-E12PFE



CU-E18PFE

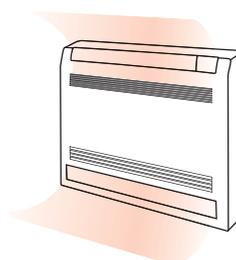
#### Upper & lower vane blow

Console designed for discreet integration on walls, and for high performance, specifically in heat mode even when the outside temperature is as low as -15°C.

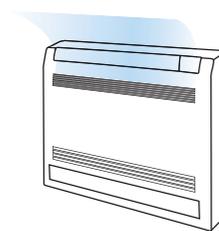
Double airflow for improved comfort and temperature dispersion: through the top for an efficient cooling mode, through the bottom for quick heating.

#### Upper & lower vane blow

Optimum air flow from the top and bottom of the unit assures that even your feet are kept comfortably warm. (Only during heating)



Upward and downward air flow warms the whole room uniformly



Upward air flow efficiently cools the entire room

KIT			KIT-E9-PFE	KIT-E12-PFE	KIT-E18-PFE
Indoor			CS-E9GFEW	CS-E12GFEW	CS-E18GFEW
Outdoor			CU-E9PFE	CU-E12PFE	CU-E18PFE
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,80)	5,00 (0,98 - 5,60)
SEER	Nominal	Energy Saving	6,10 <b>A++</b>	5,80 <b>A+</b>	6,20 <b>A++</b>
Power input cooling	Nominal	kW	0,560	0,940	1,540
Heating capacity	Nominal (Min - Max)	kW	3,40 (0,85 - 5,00)	4,00 (0,85 - 6,00)	5,80 (0,98 - 7,10)
SCOP	Nominal	Energy Saving	3,80 <b>A</b>	3,80 <b>A</b>	3,90 <b>A</b>
Pdesign at -10°C		kW	2,7	3,2	4,4
Power input heating	Nominal	kW	0,810	1,000	1,600
Indoor Unit					
Current (Nominal)	Cooling	A	2,6	4,4	7,2
	Heating	A	3,75	4,6	7,5
Sound pressure level <sup>1)</sup>	Cooling (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 28 / 24	44 / 36 / 32
	Heating (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23	39 / 27 / 23	46 / 36 / 32
Dimensions			H x W x D	600 x 700 x 210	600 x 700 x 210
Outdoor Unit					
Sound pressure level <sup>1)</sup>	Cooling (Hi)	dB(A)	46	48	47
	Heating (Hi)	dB(A)	47	50	48
Dimensions <sup>2)</sup>			H x W x D	542 x 780 x 289	619 x 824 x 299
Operating range	Cooling Min / Max	°C	+16 / +43	+16 / +43	+16 / +43
	Heating Min / Max	°C	-20 / +24	-20 / +24	-20 / +24

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)

Connectivity restriction: JKE units are not compatible with OKE units.

1) The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 1 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 2) Add 70 mm for piping port.

Specifications subject to change without notice.

For detailed information about ErP, please visit our page <http://www.ptc.panasonic.eu>



The A Inverter system provides energy savings of up to 50%. Both you and nature wins!



Exceptional Seasonal Cooling Efficiency based on the new ErP regulation. Higher SEER ratings mean greater efficiency. Save all the year while cooling! For KIT-E18-PFE.



Exceptional Seasonal Heating Efficiency based on the new ErP regulation. Higher SCOP ratings mean greater efficiency. Save all the year while heating! For KIT-E18-PFE.



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



Super Quiet Mode. Thanks to its latest generation compressor and its twin blade fan, our outdoor unit is one of the most silent on the market. The indoor unit emits an almost imperceptible 22 dB.



R22 Renewal. Old systems using R22 refrigerant can be easily replaced with Panasonic solution.



New Panasonic R2 Rotary Compressor. Designed to withstand extreme conditions, Panasonic Rotary delivers high performance, efficiency and reliable service, no matter where you are.



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

# Panasonic®

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

Panasonic Marketing Europe GmbH

Panasonic Air Conditioning: Hagenauer Strasse 43, 65203 Wiesbaden, Germany

heatingandcoolingsystems