

## FLOOR CONSOLE INVERTER+



Console designed for discreet integration on walls, and for high performance, specifically in heat mode even when the outside temperature is as low as -20°C.

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

### Technical focus

- 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

KIT			KIT-E9-PFE	KIT-E12-PFE	KIT-E18-PFE
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,80)	5,00 (0,98 - 5,60)
EER <sup>1)</sup>	Nominal	W/W	4,50 A	3,72 A	3,25 A
SEER	Nominal	W/W	6,10 <b>A++</b>	5,80 <b>A+</b>	6,20 <b>A++</b>
Pdesign (cooling)		kW	2,50	3,50	5,00
Power input cooling	Nominal	kW	0,560	0,940	1,540
Annual electricity consumption (cooling) <sup>2)</sup>		kWh/a	143	211	282
Heating capacity	Nominal (Min - Max)	kW	3,40 (0,85 - 5,00)	4,00 (0,85 - 6,00)	5,80 (0,98 - 7,10)
Heating capacity at -7°C	Nominal	kW	2,35	2,86	3,87
COP <sup>1)</sup>	Nominal	W/W	4,20 A	4,00 A	3,63 A
SCOP	Nominal	W/W	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
Annual electricity consumption (heating) <sup>2)</sup>		kWh/a	995	1.179	1.579
<b>Indoor Unit</b>			<b>CS-E9GFEW</b>	<b>CS-E12GFEW</b>	<b>CS-E18GFEW</b>
Power source		V	230	230	230
Recommended fuse		A	16	16	16
Connection		mm <sup>2</sup>	4 x 1,5	4 x 1,5	4 x 1,5
Air volume	Cooling / Heating	m <sup>3</sup> /h	558 / 576	570 / 600	660 / 780
Moisture removal volume		l/h	1,4	2,0	2,8
Sound pressure level <sup>3)</sup>	Cooling — Heating (Hi / Lo / S-Lo)	dB(A)	38 / 27 / 23 — 38 / 27 / 23	39 / 28 / 24 — 39 / 27 / 23	44 / 36 / 32 — 46 / 36 / 32
Dimensions <sup>4)</sup> / Net weight	H x W x D	mm / kg	600 x 700 x 210 / 14	600 x 700 x 210 / 14	600 x 700 x 210 / 14
<b>Outdoor Unit</b>			<b>CU-E9PFE</b>	<b>CU-E12PFE</b>	<b>CU-E18PFE</b>
Sound pressure level <sup>3)</sup>	Cooling / Heating (Hi)	dB(A)	46 / 47	48 / 50	47 / 48
Dimensions <sup>4)</sup> / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 33	619 x 824 x 299 / 34	695 x 875 x 320 / 46
Piping connections	Liquid pipe / Gas pipe	Inch (mm)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)
Piping length range / Elevation difference (in/out)		m	3 - 15 / 5	3 - 15 / 5	3 - 20 / 15
Pipe length for additional gas / Additional gas amount		m / g/m	7,5 / 20	7,5 / 20	7,5 / 20
Operating range	Cooling — Heating Min / Max	°C	+16 / +43 — -15 / +24	+16 / +43 — -15 / +24	+16 / +43 — -15 / +24

### Accessories

PAW-IR-WIFI-1 IR Wifi interface for Internet control

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) 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. 4) Add 70mm for piping port.



SEER and SCOP: For KIT-E18-PFE. SUPER QUIET: For KIT-E9-PFE. INTERNET CONTROL: Optional.

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) Specifications subject to change without notice. For detailed information about ErP, please visit our websites [www.aircon.panasonic.eu](http://www.aircon.panasonic.eu) or [www.gtc.panasonic.eu](http://www.gtc.panasonic.eu).