

WALL MOUNTED ETHEREA INVERTER+ SILVER / MATT PEARL WHITE • R410A GAS

ETHEREA



Etherea with enhanced Econavi sensor and new nanoe™ air-purifying system

Outstanding efficiency, comfort and healthy air combined with state-of-the-art design.

Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With Econavi, energy savings of up to 38% are possible, whilst increasing your comfort. Furthermore, the nanoe™ revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.

Technical focus

- Maximum efficiency and comfort with Econavi sensor
- nanoe™ air purifying system, 99% effective on both airborne and adhesive mould, viruses, bacteria and pollen allergen
- Aerowings to control air draft direction
- Mild Dry Cooling: prevent a rapid decrease in room humidity
- Super Quiet! Only 19dB(A), equivalent to night-time in the countryside
- More powerful airflow to quickly reach the desired temperature
- Wired control (Optional)
- Smartphone control (Optional)



Kit Silver			KIT-XE7-SKE	KIT-XE9-SKE	KIT-XE12-SKE	—	KIT-XE18-SKE
Kit Matt Pearl White			KIT-E7-SKEM	KIT-E9-SKEM	KIT-E12-SKEM	KIT-E15-SKEM	KIT-E18-SKEM
Cooling capacity	Nominal (Min - Max)	kW	2,05 (0,75 - 2,40)	2,50 (0,85 - 3,00)	3,50 (0,85 - 4,00)	4,20 (0,85 - 5,00)	5,00 (0,98 - 5,60)
EER ¹⁾	Nominal (Min - Max)	W/W	4,51 (3,13 - 4,29) A	4,67 (3,54 - 4,11) A	4,07 (3,54 - 3,67) A	3,33 (3,27 - 3,13) A	3,16 (3,50 - 3,08) B
SEER		W/W	7,10 A+++	8,20 A++	8,10 A++	6,60 A++	6,90 A++
Pdesign (cooling)		kW	2,1	2,5	3,5	4,2	5,0
Input power cooling	Nominal (Min - Max)	kW	0,46 (0,24 - 0,56)	0,54 (0,24 - 0,73)	0,86 (0,24 - 1,09)	1,26 (0,26 - 1,60)	1,58 (0,28 - 1,82)
Annual electricity consumption (cooling) ²⁾		kWh/a	104	107	151	223	254
Heating capacity	Nominal (Min - Max)	kW	2,80 (0,70 - 4,00)	3,40 (0,80 - 5,00)	4,00 (0,80 - 5,80)	5,30 (0,80 - 6,80)	5,80 (0,98 - 7,50)
Heating capacity at -7°C		kW	2,38	2,95	3,40	4,11	4,66
COP ¹⁾	Nominal (Min - Max)	W/W	4,48 (3,89 - 4,00) A	4,59 (4,44 - 3,82) A	4,21 (4,44 - 3,72) A	3,58 (4,21 - 3,42) B	3,30 (2,88 - 3,10) C
SCOP		W/W	4,60 A+++	4,70 A++	4,80 A++	3,90 A	4,20 A+
Pdesign at -10°C		kW	2,1	2,7	3,2	3,6	4,2
Input power heating	Nominal (Min - Max)	kW	0,63 (0,18 - 1,00)	0,74 (0,18 - 1,31)	0,95 (0,18 - 1,56)	1,48 (0,19 - 1,99)	1,76 (0,34 - 2,42)
Annual electricity consumption (heating) ²⁾		kWh/a	639	804	933	1,292	1,400
Indoor Unit Silver			CS-XE7SKEW	CS-XE9SKEW	CS-XE12SKEW	—	CS-XE18SKEW
Indoor Unit Matt Pearl White			CS-E7SKEW-M	CS-E9SKEW-M	CS-E12SKEW-M	CS-E15SKEW-M	CS-E18SKEW-M
Power source		V	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16
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
Air volume	Cooling / Heating	m ³ /min	9,9 / 10,8	10,0 / 11,3	10,7 / 12,0	11,2 / 12,2	11,7 / 12,4
Moisture removal volume		L/h	1,3	1,5	2,0	2,4	2,8
Sound pressure ³⁾	Cooling (Hi / Lo / Q-Lo)	dB(A)	37 / 24 / 19	39 / 25 / 19	42 / 28 / 19	43 / 31 / 25	44 / 37 / 34
	Heating (Hi / Lo / Q-Lo)	dB(A)	38 / 25 / 19	40 / 27 / 19	42 / 33 / 19	43 / 35 / 29	44 / 37 / 34
Dimensions / Net weight	H x W x D	mm / kg	295 x 919 x 194 / 9	295 x 919 x 194 / 10	295 x 919 x 194 / 10	295 x 919 x 194 / 10	295 x 919 x 194 / 10
Outdoor			CU-E7SKE	CU-E9SKE	CU-E12SKE	CU-E15SKE	CU-E18SKE
Air volume	Cooling / Heating	m ³ /min	26,9 / 26,9	28,7 / 28,7	34,4 / 35,6	33,3 / 33,3	39,2 / 37,9
Sound pressure ³⁾	Cooling / Heating (Hi)	dB(A)	45 / 46	46 / 47	48 / 50	49 / 51	47 / 47
Dimensions ⁴⁾ / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 30	542 x 780 x 289 / 33	619 x 824 x 299 / 35	619 x 824 x 299 / 32	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) / 3/8 (9,52)	1/4 (6,35) / 1/2 (12,70)	1/4 (6,35) / 1/2 (12,70)
Piping length range / Elevation difference (in/out) ⁵⁾		m	3 - 15 / 15	3 - 15 / 15	3 - 15 / 15	3 - 15 / 15	3 - 20 / 15
Pipe length for additional gas / Additional gas amount		m / g/m	7,5 / 20	7,5 / 20	7,5 / 20	7,5 / 20	7,5 / 20
Refrigerant (R410A)		kg / TCO ₂ Eq.	1,04 / 2,172	1,06 / 2,213	1,20 / 2,506	1,04 / 2,172	1,28 / 2,673
Operating range	Cooling Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heating Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories

PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control
PAW-IR-WIFI-1	IR Wifi interface for Internet control

Accessories

CZ-RD514C	Wired remote controller for wall type
CZ-CAPRA1	H Generation interface to ECOi control integration

1) EER and COP classification is at 230V 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 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. Q-Lo: Quiet mode. Lo: The lowest fan speed. 4) Add 70mm for piping port. 5) When installing the outdoor unit at a higher position than the indoor unit.



38%
ECONAVI

A+++
8,50 SEER

A++
4,90 SCOP

INVERTER+

R2 ROTARY COMPRESSOR

99%
nanoe

19dB(A)
SUPER QUIET

HUMIDITY CONTROL
MILD DRY

AEROWINGS

R22 RENEWAL
R410A

INTEGRATION P-LINE

INTERNET CONTROL

CONNECTIVITY
BMS

5 YEARS WARRANTY

SEER and SCOP: SEER for KIT-XE9-SKE and KIT-E9-SKEM and SCOP for KIT-XE12-SKE and KIT-E12-SKEM. SUPER QUIET: For KIT-XE7-SKE, KIT-E7-SKEM, KIT-XE9-SKE, KIT-E9-SKEM, KIT-XE12-SKE and KIT-E12-SKEM. 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 or www.ptc.panasonic.eu.