

DOMESTIC // WALL MOUNTED // INVERTER // KIT-YE9/12/18-MKE

2011



EVERY
ROOM
MATTERS



WALL MOUNTED // INVERTER

YE INVERTER MODELS ARE POWERFUL AND EFFICIENT.

KIT-YE9-MKE // KIT-YE12-MKE // KIT-YE18-MKE

HEALTHY AIR

- Odour-removing function
- Anti-mould filter

ENERGY, EFFICIENCY AND ECOLOGY

- Inverter system
- R410A refrigerant gas

COMFORT

- Super Quiet mode. Only 22 dB(A)
- Powerful mode

EASE OF USE

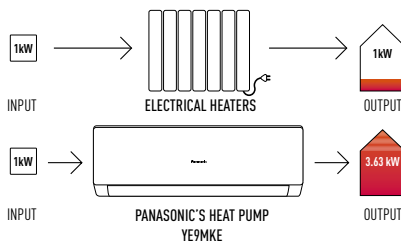
- 12-hr timer
- User friendly infrared remote control

EASY INSTALLATION AND MAINTENANCE

- Maximum connection distance 15 m
- Removable, washable panel

ECONOMICAL, ENVIRONMENT-FRIENDLY OPERATION WITH HIGH COP (COEFFICIENCY OF PERFORMANCE)

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.



TECHNICAL FOCUS

- QUIETER INDOOR UNITS
- HIGH ENERGY SAVINGS
- 12-HR REMOTE CONTROL TIMER
- LONG CONNECTION DISTANCE



INVERTER SYSTEM

The Inverter range provides greater efficiency, more comfort and less noise than classic air conditioners. The Inverter system provides more precise temperature control, and keeps the ambient temperature constant with lower energy consumption and a significant reduction in noise and vibration levels.



SOFT DRY OPERATION MODE

The soft dry mode eliminates excess moisture with a soft breeze and provides a sense of wellbeing without much change in temperature.



SUPER QUIET MODE

The indoor unit emits an almost imperceptible 22 dB.

KIT		KIT-YE9-MKE	KIT-YE12-MKE	KIT-YE18-MKE
Indoor		CS-YE9MKE	CS-YE12MKE	CS-YE18MKE
Outdoor		CU-YE9MKE	CU-YE12MKE	CU-YE18MKE
Cooling capacity	Nominal (Min - Max)	kW 2,50 (0,90-3,00)	3,30 (0,90-3,90)	5,00 (0,90-5,30)
	Nominal (Min - Max)	kCal/h 2.150 (770-2.580)	2.838 (770-3350)	4.300 (770-4558)
EER ¹⁾	Nominal (Min - Max)	Energy Saving 3,28 (4,73-3,00) A	3,23 A (4,5-3,00) A	3,01 (4,16-2,71) B
	Nominal (Min - Max)	kW 0,76 (0,19-1,00)	1,02 (0,20-1,3)	1,66 (0,24-1,95)
Power input Cooling	Nominal (Min - Max)	kW 3,20 (0,90-4,20)	4,00 (0,90-5,00)	5,50 (0,90-6,80)
	Nominal (Min - Max)	kCal/h 2.750 (770-3.612)	3.404 (770-4.300)	4.730 (770-5848)
Heating capacity	Nominal (Min - Max)	kW 3,00	3,60	4,95
	Nominal (Min - Max)	kCal/h 3,63 (4,73-3,50) A	3,61 (4,50-3,52) A	3,40 (4,28-2,89) B
Heating capacity at +2°C	Nominal (Min - Max)	Energy Saving 3,63 (4,73-3,50) A	3,61 (4,50-3,52) A	3,40 (4,28-2,89) B
	Nominal (Min - Max)	kW 0,88 (0,19-1,20)	1,10 (0,20-1,42)	1,61(0,21-2,35)
Power input Heating	Nominal (Min - Max)	kWh 380	510	830
Annual Energy Consumption ²⁾				
INDOOR UNIT				
Power source	V	230 (Via outdoor)	230 (Via outdoor)	230 (Via outdoor)
Connection	mm ²	4 x 2,5	4 x 2,5	4 x 2,5
Current (Nominal)	Cooling / Heating	A 3,6 / 4,1	4,9 / 5,2	7,9 / 7,7
	Max. current	A 5,80	6,90	10,5
Air Volume	Cooling / Heating	m ³ /h 750 / 780	810 / 834	876 / 918
Moisture removal volume	l/h	1,4	1,9	2,8
Sound pressure Level ³⁾	Cooling (Hi / Lo / S-Lo)	dB(A) 40 / 27 / 22	42 / 30 / 22	46 / 31 / 29
	Heating (Hi / Lo / S-Lo)	dB(A) 40 / 27 / 23	42 / 33 / 25	46 / 30 / 27
Sound power Level	Cooling / Heating (Hi)	dB 56 / 56	58 / 58	62 / 62
	Dimensions	H x W x D	283 x 803 x 214	283 x 803 x 214
Net weight	kg	8	8	7,5
OUTDOOR UNIT				
Air Volume	Cooling / Heating	m ³ /h 1.980 / 1.980	2.070 / 2.070	2.160 / 2.160
Sound pressure Level ³⁾	Cooling / Heating (Hi)	dB(A) 47 / 48	48 / 50	50 / 52
Sound power Level	Cooling / Heating (Hi)	dB 63 / 64	64 / 66	66 / 68
Dimensions ⁴⁾	H x W x D	mm 540 x 780 x 289	540 x 780 x 289	540 x 780 x 289
Net weight	kg	22	26,5	31,5
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)
Refrigerant Loading	R410A	kg 0,78	0,880	1,15
Elevation difference (in/out) ⁵⁾	Max	m 5	5	5
	Piping length	Min / Max	m 3 / 15	3 / 15
Piping length without refrigerant increase	Max	m 7,5	7,5	7,5
Additional gas	g/m	20	20	20
Operating range ³⁾	Cooling Min / Max	°C +5 / +43	+5 / +43	+5 / +43
	Heating Min / Max	°C -5 / +24	-5 / +24	-5 / +24

Specifications subject to change without notice

GLOBAL REMARKS	Rating conditions	Cooling	Heating
	Inside air temperature	27°C DB / 19°C WB	20°C DB
	Outside air temperature	35°C DB / 24°C WB	7°C DB / 6°C WB

DB : Dry bulb; WB : Wet bulb

These indoor/outdoor units are not suitable for Nordic countries No warranty can be applied if installed in Nordic countries

- 1) EER and COP classification is at 230V in accordance with EU directive 2002/31/EC.
- 2) The annual consumption is calculated by multiplying the input power at 230V by an average of 500 hours per year in cooling mode.
- 3) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1,5 from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification.
- 4) Add 70mm for piping port.
- 5) When installing the outdoor unit at a higher position than the indoor unit.

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