

NEW

Panasonic

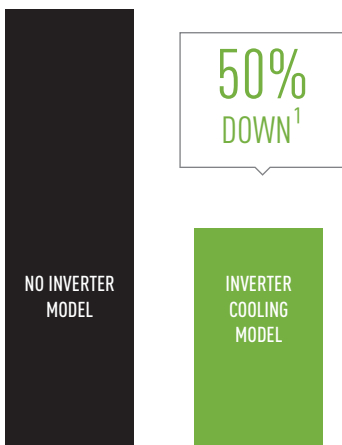


NEW UE SERIES INVERTER POWERFUL AND EFFICIENT

- New design
- Quieter indoor units
- High energy savings
- 12-hr remote control timer
- Long connection distance

INVERTER

Electricity Consumption Comparison



DURING COOLING UP TO 50%¹ 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.

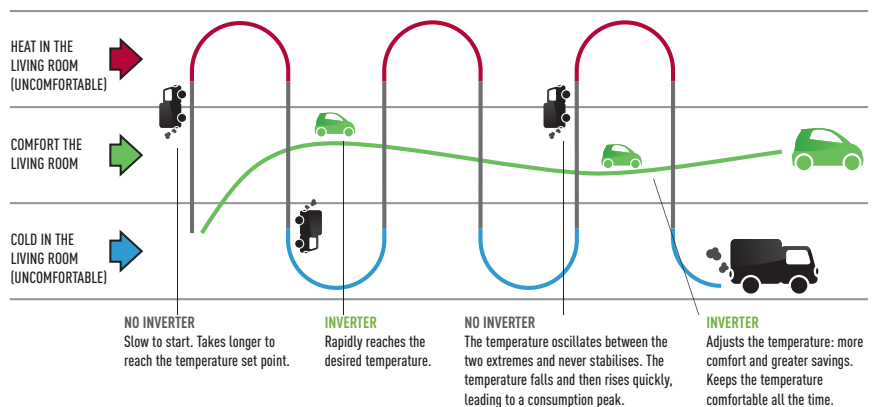
Total power consumption amount are measured for 8 hours from starting. At Panasonic Amenity Room (size: 16.6 m²) This is the maximum energy savings value, and the effect differs according to conditions in installation and usage.

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%¹ on cooling mode.

The advantages of inverter air conditioners.

Comparing Inverter and non-Inverter air conditioners.



**WALL MOUNTED UE TYPE
STANDARD INVERTER**

KIT-UE9-PKE // KIT-UE12-PKE

HEALTHY AIR

- Odour-removing function
- Anti-mould filter

ENERGY, EFFICIENCY AND ECOLOGY

- Inverter system
- R410A refrigerant gas

EASE OF USE

- 12-hr timer
- User friendly infrared remote control

COMFORT

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

EASY INSTALLATION AND MAINTENANCE

- Maximum connection distance 15 m
- Removable, washable panel



CU-UE9PKE
CU-UE12PKE

Kit			KIT-UE9-PKE	KIT-UE12-PKE
Indoor			CS-UE9PKE	CS-UE12PKE
Outdoor			CU-UE9PKE	CU-UE12PKE
Cooling capacity	Nominal (Min - Max)	kW	2.50 (0.90-3.00)	3.50 (0.90-3.90)
	Nominal (Min - Max)	kCa/h	2,150 (770-2,580)	3,010 (770-3,350)
EER ¹⁾	Nominal (Min - Max)	Energy Saving	3.57 (4.74-3.00) ◀A	3.47 (5.29-3.25) ◀A
SEER	Nominal	Energy Saving	5.6 ◀A+	5.6 ◀A+
Pdesign (cooling)			2.5	3.5
Power input Cooling	Nominal (Min - Max)	kW	0.70 (0.19-1.00)	1.01 (0.17-1.2)
Annual electricity consumption (cooling) ²⁾		kWh	156	219
Heating capacity	Nominal (Min - Max)	kW	3.30 (0.90-3.90)	4.25 (0.90-4.90)
	Nominal (Min - Max)	kCa/h	2,840 (770-3,350)	3,660 (770-4,210)
Heating capacity at -7°C	Nominal	kW	2.83	3.55
COP ³⁾	Nominal (Min - Max)	Energy Saving	4.02 (5.29-3.39) ◀A	3.79 (6.00-3.35) ◀A
SCOP	Nominal	Energy Saving	3.4 ◀A	3.4 ◀A
Pdesign at -10 °C			2.5	3.2
Power input Heating	Nominal (Min - Max)	kW	0.82 (0.17-1.15)	1.12 (0.15-1.46)
Annual electricity consumption (heating) ²⁾		kWh	1029	1318
Indoor Unit				
Power source		V	230	230
Recommended Fuse		A	16	16
Recommended power cable section		mm ²	1.5	1.5
Connection indoor / outdoor		mm ²	4 x 1.5	4 x 1.5
Current (Nominal)	Cooling / Heating	A	3.3 / 3.8	4.7 / 5.2
	Max. current	A	6.3	8.4
Air Volume	Cooling / Heating	m ³ /h	750 / 666	750 / 750
	Moisture removal volume	l/h	1.4	2.0
Sound pressure Level ³⁾	Cooling - Heating (Hi / Lo / S-Lo)	dB(A)	42 / 27 / 22 - 42 / 27 / 25	42 / 30 / 22 - 42 / 33 / 25
Sound power Level	Cooling / Heating (Hi)	dB	58 / 58	58 / 58
Dimensions	H x W x D	mm	290 x 848 x 213	290 x 848 x 213
Net weight		kg	8	8
Outdoor Unit				
Air Volume	Cooling / Heating	m ³ /h	1,902 / 1,842	1,956 / 1,896
	Sound pressure Level ³⁾	Cooling (Hi) / Heating (Hi)	dB(A)	47 / 48
Sound power Level	Cooling (Hi) / Heating (Hi)	dB	63 / 64	64 / 66
Dimensions ⁴⁾	H x W x D	mm	540 x 780 x 289	540 x 780 x 289
Net weight		kg	23	26
Piping connections	Liquid / Gas pipe	inch (mm)	1/4" (6.35) / 3/8" (9.52)	1/4" (6.35) / 3/8" (9.52)
Refrigerant Loading	R410A	kg	0.77	0.86
Elevation difference (in/out)	Max	m	10	10
Piping length	Min / Max	m	3-15	3-15
Precharge length	Max	m	7	7
Additional gas		g/m	20	20
Operating range	Cooling Min / Max	°C	+16 / +43	+16 / +43
	Heating Min / Max	°C	-10 / +24	-10 / +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 PKE units.

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 at a position 1 meter in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 4) Add 70 mm for piping port.

Specifications subject to change without notice.

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

A class energy saving
INVERTER
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.

High air flow
POWERFUL MODE
Powerful Mode. The rapid and effective powerful mode is ideal for when you come home on the hottest or coldest days. It works at maximum power to reach the desired temperature in 15 minutes.

Silent air 22 dB
SUPER QUIET
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.

R2
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 year compressor warranty
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

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