

NEW

# Panasonic



ETHEREA

## NEW ETHEREA, MAXIMUM EFFICIENCY AND COMFORT WITH ECONAVI

- Econavi intelligent sensors
- Nanoe-G air purifying system
- Optional Smartphone control
- Mild Dry Cooling
- Super Quiet! Only 20 dB



### 5 Features saving energy all at once

#### Econavi with intelligent eco sensors

Intelligent Sensors detect potential waste of energy using the Human Activity Sensor and Sunlight Sensor. It is able to monitor human location, movements, absence and sunlight intensity.

It then automatically adjusts cooling power to save energy efficiently with uninterrupted heating and cooling comfort and convenience.

#### New temperature wave. Rhythmic temperature-controlled pattern to save energy without sacrificing comfort.

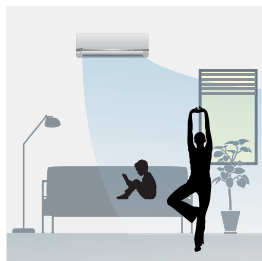
New Econavi with Temperature Wave was developed based on an understanding of Thermal Physiology; the human body adapts physiologically to changes in temperature. Taking advantage of this understanding, Panasonic's R&D Centre has developed the Rhythmic Temperature Control pattern, which offsets the air conditioner's performance against thermal physiological responses.

Hence, when Econavi detects human presence and low activity level, Temperature Wave adapts to this rhythmic temperature control to realise further energy savings without sacrificing comfort.



#### New Temperature Wave

Rhythmic temperature-controlled pattern to save energy without sacrificing comfort.



#### Area Search

Directs airflow to wherever you are in the room. Econavi detects changes in human movements and reduces the waste of cooling the unoccupied area of the room.



#### Activity Detection

Adapts cooling power to your daily activities. Econavi detects changes in activity levels and reduces the waste of cooling with unnecessary power.



#### Absence Detection

Reduces cooling power when you are not around. Econavi detects human absence in the room and reduces the waste of cooling an empty room.



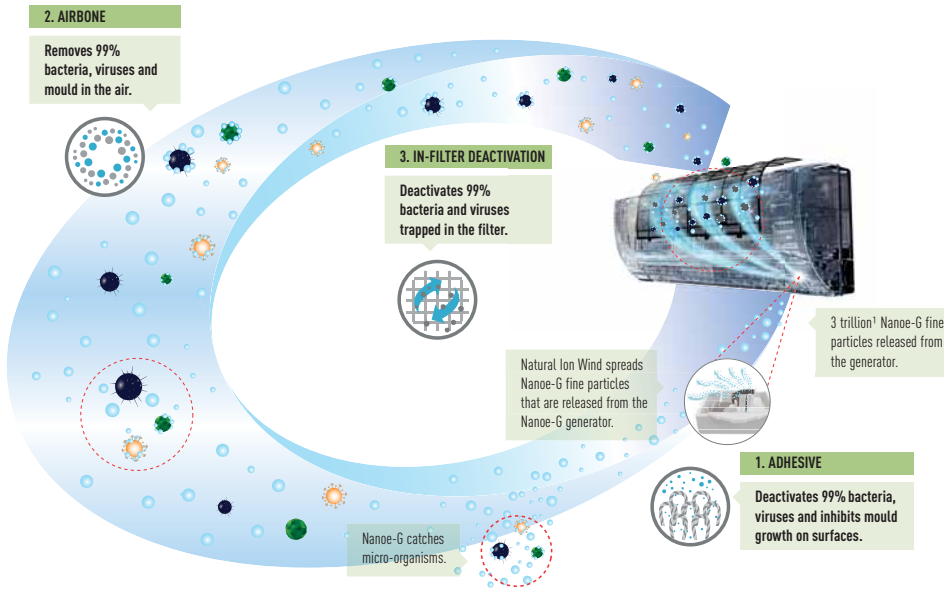
#### Sunlight Detection

Adjusts cooling power to changes in sunlight intensity.

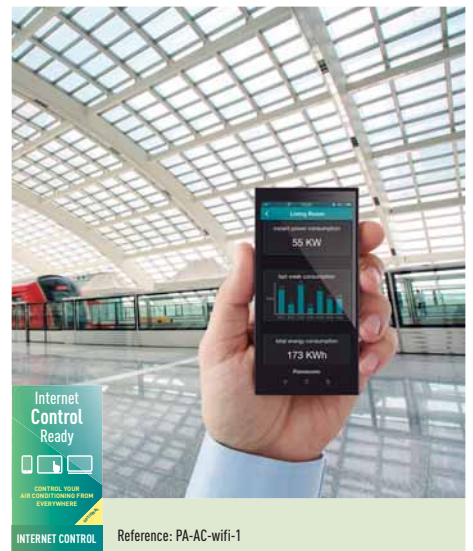
NEW

New air conditioners Panasonic with Nanoe-G. Purifies the air, surfaces and even inside itself

Now you can purify living spaces more effectively with Nanoe-G. Using nano-technology fine particles, harmful micro-organisms are removed from the air you breathe. But what about the ones found on furniture and other surfaces? Amazingly, they can also be deactivated by these particles. And now, when you switch off your air conditioner, Nanoe-G will even deactivate the micro-organisms in the filter. So you can enjoy complete peace-of-mind with a living environment that is fresher and cleaner.



1. 3 trillion is the simulated number of Nanoe-G fine particles under the mentioned conditions. Actual measured Nanoe-G fine particles at the centre of the room (13 m<sup>2</sup>):100 k/cc calculated number of Nanoe-G fine particles in the entire room assuming they are evenly distributed.



Control your air conditioning from wherever you are at home. Control your comfort and efficiency with the lowest energy consumption

Panasonic has always offered its customers the most efficient Heat Pumps and Air Conditioners. Now it has taken a step forward and presents a control solution taking advantage of the latest Cloud Technology to enable you to manage your climate system from anywhere in the world.

Control your environment from your iPad, iPhone, any Android device or from a PC with Internet access using this add-on service. Offering the same functions as if you were at home: start/stop, Mode Operation, Set Temperature, Room Temperature etc. Experience the new, advanced functionality provided by Panasonic to achieve the best comfort and efficiency with the lowest energy consumption.



Awarded with the prestigious IF Design Award 2013



WALL MOUNTED ETHEREA INVERTER+ SILVER PLATED / WHITE	Cooling				Heating				Sound pressure Cool-Heat (Hi/Lo/S-Lo) dB(A)	Dimensions H x W x D mm	Dimensions H x W x D mm
	Capacity	EER	SEER	Power input	Capacity	COP	SCOP	Power input			
	Nom. (Min-Max) kW	Nominal (Min-Max) W/W	Nominal W/W	Nominal (Min-Max) kW	Nom. (Min-Max) kW	Nominal (Min-Max) W/W	Nominal W/W	Nominal (Min-Max) kW			
Kit-XE7-PKE / KIT-E7-PKE	2.05 (0.75-2.40)	4.41 (3.13-4.21)	6.7 A++	0.465 (0.240-0.570)	2.80 (0.75-4.00)	4.44 (3.26-3.96)	4.3 A+	0.630 (0.230-1.01)	37/24/20 - 38/25/20	295 x 870 x 255	542 x 780 x 289
Kit-XE9-PKE / KIT-E9-PKE	2.50 (0.85-3.00)	4.72 (3.47-4.17)	6.6 A++	0.530 (0.245-0.720)	3.40 (0.85-5.00)	4.66 (3.54-3.88)	4.1 A+	0.730 (0.240-1.29)	39/25/20 - 40/27/20	295 x 870 x 255	542 x 780 x 289
Kit-XE12-PKE / KIT-E12-PKE	3.50 (0.85-4.00)	4.12 (3.40-3.57)	6.6 A++	0.850 (0.250-1.120)	4.00 (0.85-6.00)	4.32 (3.47-3.55)	4.0 A+	0.925 (0.245-1.690)	42/28/20 - 42/33/20	295 x 870 x 255	619 x 824 x 299
Kit-XE15-PKE / KIT-E15-PKE	4.20 (0.85-5.00)	3.36 (3.27-3.23)	5.9 A+	1.25 (0.260-1.550)	5.30 (0.85-6.80)	3.71 (3.33-3.52)	3.6 A	1.430 (0.255-1.930)	43/31/25 - 43/35/29	295 x 870 x 255	619 x 824 x 299
Kit-XE18-PKE / KIT-E18-PKE	5.00 (0.98-6.00)	3.47 (3.50-3.02)	6.9 A++	1.44 (0.28-1.99)	5.80 (0.98-8.00)	3.82 (2.88-3.11)	4.2 A+	1.520 (0.340-2.570)	44/37/34 - 44/37/34	295 x 1070 x 255	695 x 875 x 320
Kit-XE21-PKE / KIT-E21-PKE	6.30 (0.98-7.10)	2.89 (3.50-2.84)	6.5 A++	2.18 (0.28-2.50)	7.20 (0.98-8.50)	3.44 (2.88-3.11)	4.0 A+	2.09 (0.34-2.73)	45/37/34 - 45/37/34	295 x 1070 x 255	695 x 875 x 320
Kit-E24-PKE	6.80 (0.98-8.10)	3.27 (2.58-3.06)	6.1 A++	2.08 (0.38-2.65)	8.60 (0.98-9.90)	3.31 (2.18-3.16)	3.8 A	2.60 (0.45-3.13)	47/38/35 - 47/38/35	295 x 1070 x 255	795 x 875 x 320
Kit-E28-PKE	7.65 (0.98-8.60)	3.04 (2.58-2.95)	6.0 A+	2.52 (0.38-2.92)	9.60 (0.98-11.00)	2.94 (2.18-2.97)	3.6 A	3.26 (0.45-3.70)	49/38/35 - 48/38/35	295 x 1070 x 255	795 x 875 x 320

**Internet Control Ready**

Internet Control is a next generation system providing a user-friendly remote control of air conditioning or heat pump units from anywhere, using a simple Android or iOS smartphone, tablet or PC via internet.

**A class energy saving**

The A Inverter system provides energy savings of up to 50%. You win and nature wins.

**6.7 A++ SEER**

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

**4.3 A+ SCOP**

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

**Air purifier 99% removal bacteria-virus-mould**

Nanoe-G utilises nano-technology fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as bacteria, viruses and mould thus ensuring a cleaner living environment.

**Up to 38% energy savings (cooling) ECONAVI**

The sensor determines the human activity level and the position in the room and adjust the air flow orientation for maximum comfort and maximum savings.

**Improved comfort AUTOCOMFORT**

The Autocomfort system detects conditions in the room and switches to energy saving operation when nobody is in the room.

**Perfect humidity control MILD DRY**

The Perfect Humidity Air controls the humidity level in the air to prevent over-dryness.

**Silent air 20 dB SUPER QUIET**

With Super Quiet technology our devices are as quiet as a library.

**Easy control by BMS CONNECTIVITY**

The communication port is integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system.

**R2 Rotary Compressor**

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 compressor 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)

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