

# NEW HIDE AWAY 20-25 kW

# Panasonic



## High Static Pressure Hide Away 20-25 kW PACi Inverter+. High heating capacity at -7°C

The 20-25 kW from Panasonic is ideally suited for large retail applications and other large areas not needing the higher capacities of VRF systems.

*PACi*



### New wired remote controller with Econavi function control

Easy to use, attractive, clear design, with new demand control functions and energy consumption display! This useful feature makes this remote control unique!

The new CZ-RTC3 wired remote control is ideal for integration into the most demanding interior architectures.

The touch panel features a very sleek and easy to use display, which with its compact display is only 120mm x 120mm x 16mm.



### New Econavi Sensor

The all new Econavi Sensor detects presence in the room, and quietly adapts the PACi or VRF air conditioning system in order to improve comfort and maximise energy savings.



ELECTRICAL BOX

AIR OUTLET SIDE DUCT FLANGE (2 LOCATIONS)

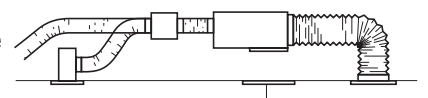
AIR INTAKE SIDE DUCT FLANGE (REAR)

## Plenums

Air Outlet Plenum (suitable for rigid + flexible duct)		
	N. of exits with diameters	Model
S-200PE1E8A / S-250PE1E8	1 x 500 mm	CZ-TREMIESPW706

## System example

An inspection port (450 x 450 mm or more) is required at the lower side of the indoor unit body. Distributor (field supply).



Inspection port (450 x 450mm or more)

# HIGH STATIC PRESSURE HIDE AWAY 20.0-25.0 KW PACi INVERTER+



## OPTIONAL CONTROLLERS

Wired remote controller  
C2-RTC3



Timer remote controller  
C2-RTC2



Wireless remote controller  
C2-RWSK2 + C2-RWSC3



Simplified remote controller  
C2-REZC2



Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.



U-200PE1E8  
U-250PE1E8

- High efficiency inverter system
- Cooling with low outdoor temperatures (down to -15°C)
- Maximum pipe length 100 m (more than 40% longer than other split systems)
- Multifunctional wireless remote control with built-in temperature control
- Fresh air supply for improved air quality

## Energy efficiency and ecology

- Maximum efficiency Inverter system
- R410A environmentally friendly refrigerant gas

## Comfort

- Cooling with low outdoor temperatures (down to -15°C)
- Heating with low outdoor temperatures (down to -20°C)
- Selection of temperature sensor at indoor unit or wired remote control

## Ease of use

- Weekly On/Off timer (6 settings per day and 42 per week)
- Selection of wired / Wireless and simplified wired remote controller

## Easy installation and maintenance

- High static pressure units ideal for shops and offices



Internet Control Ready  
CONTROL YOUR AIR CONDITIONING FROM EVERYWHERE

Reference PA-RC2-WIFI-1

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 smartphone, tablet computer, 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.

			20,0 kW	25,0 kW	20,0 kW	25,0 kW
KIT			KIT-200PE1E8A	KIT-250PE1E8	KIT-200PE1E8A	KIT-250PE1E8
Indoor			S-200PE1E8A	S-250PE1E8	S-200PE2E5*	S-250PE2E5*
Outdoor			U-200PE1E8	U-250PE1E8	U-200PE1E8	U-250PE1E8
Cooling capacity	Nominal (Min - Max)	kW	20,0 (6,0 - 22,4)	25,0 (6,0 - 28,0)	19,5	25,0
EER	Nominal	W/W	3,04	3,09	3,04	3,09
ESEER <sup>1)</sup>		W/W	3,29	3,08		
Power input cooling	Nominal	kW	7,640	9,550	6,14	8,09
Running amperes		A	11,8	14,8	—	—
Heating capacity	Nominal (Min - Max)	kW	21,8 (6,0 - 22,4)	28,0 (6,0 - 31,5)	22,4	28,0
Heating capacity at -7°C <sup>2)</sup>	Nominal	kW	15,53	19,42	15,53	19,42
COP	Nominal	W/W	3,48	3,84	3,48	3,84
SCOP <sup>3)</sup>		W/W	3,11	3,09		
Power input heating	Nominal	kW	6,15	8,20	6,44	7,29
Running amperes		A	9,5	12,6	—	—
<b>Indoor unit</b>						
Power source		V / ph / Hz	220 / 240 / 1 / 50	220 / 240 / 1 / 50	220 / 230 / 240 / 1 / 50	220 / 230/240 / 1 / 50
Sound pressure level <sup>4)</sup>	Hi / Med / Lo	dB(A)	51 / 50 / 49	51 / 50 / 49	44 / 43 / 41	46 / 45 / 43
Dimensions / Net weight	H x W x D	mm / kg	479 x 1.428 x 1.230 / 120	479 x 1.428 x 1.230 / 120	479 x 1.453 x 1205 / 105	479 x 1.453 x 1205 / 110
<b>Outdoor unit</b>						
Power source		V / ph / Hz	380 / 415 / 3+N / 50/60	380 / 415 / 3+N / 50/60	380 / 415 / 3+N / 50/60	380 / 415 / 3+N / 50/60
Sound pressure level <sup>4)</sup>	Cooling / Heating (Hi)	dB(A)	57 / 57	57 / 58	57 / 57	57 / 58
Sound power level	(Hi)	dB	72	73	72	73
Dimensions <sup>5)</sup> / Net weight	H x W x D	mm / kg	1.526 x 940 x 340 / 118	1.526 x 940 x 340 / 128	1.526 x 940 x 340 / 118	1.526 x 940 x 340 / 128

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)

1) ESEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0,2, b=0,36, c=0,32 and d=0,03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 4) 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 m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port. \* Available from November 2014. Tentative data.

Specifications subject to change without notice.

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



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



Inverter+ products improve on the characteristics of standard Inverter range by over 20%. This means 20% less consumption and 20% off your electric bill. A Inverter plus is also A class on cooling and heating mode.



The air conditioner works in cooling only mode with an outdoor temperature of -15°C. For Elite range.



The air conditioner works in heat pump mode even when outdoor temperatures are as low as -20°C. For Elite range.



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.



The Panasonic renewal system allows good quality existing R22 pipe work to be re-used whilst installing new high efficiency R410A systems.



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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