



**OPTIONAL CONTROLLERS**

Timer remote controller  
CZ-RTC2



Wireless remote controller  
CZ-RWSC2



Simplified remote controller  
CZ-RE2C2



**KIT-200PE1E8A // KIT-250PE1E8**

**Technical Focus**

- 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 KNOCKOUT FOR IMPROVED AIR QUALITY

**COMPATIBLE WITH ALL ECOi CONNECTIVITY SOLUTIONS**



U-200PE1E8  
U-250PE1E8

**Features**

**ENERGY EFFICIENCY AND ECOLOGY**

- Maximum efficiency Inverter system
- R410A environmentally friendly refrigerant gas

**COMFORT**

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

**EASE OF USE**

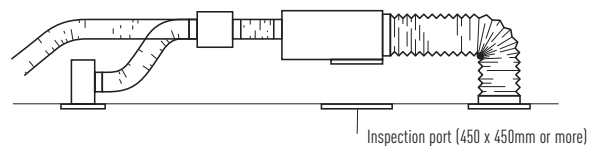
- Weekly On/Off timer (6 settings per day and 42 per week)
- Selection of wired / Wireless and simplified wired remote controller

**EASY INSTALLATION AND MAINTENANCE**

- High static pressure units ideal for shops and offices

**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).



**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

**HIGH STATIC PRESSURE  
HIDE AWAY 20.0-25.0 kW  
PACi THREE PHASE  
INVERTER+**

Panasonic breaks new ground in offering high performance and power in a small space. The 20.0-25.0 kW from Panasonic is ideally suited for large retail applications and other large areas not needing the higher capacities of VRF systems. The lightweight and compact design enables easier installation in any commercial space. The twin fan system saves valuable footprint compared to traditional 20.0-25.0 kW systems which have a larger footprint design.

<b>A class</b> energy saving <b>INVERTER+</b>	Down to <b>-15 °C</b> in cooling mode OUTDOOR TEMPERATURE	Down to <b>-20 °C</b> in heating mode OUTDOOR TEMPERATURE	Easy control by BMS CONNECTIVITY	Possible to use on <b>R22</b> pipings R22 RENEWAL	<b>5 year</b> compressor warranty
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			Three Phase	
			20.0 kW	25.0 kW
<b>KIT</b>			KIT-200PE1E8A	KIT-250PE1E8
<b>Indoor</b>			S-200PE1E8A	S-250PE1E8
<b>Outdoor</b>			U-200PE1E8	U-250PE1E8
<b>Remote control (optional)</b>			CZ-RTC2	CZ-RTC2
Cooling capacity	Nom. (Min-Max)	kW	20.0 (6.0-22.4)	25.0 (6.0-28.0)
EER <sup>1)</sup>	Nominal	W/W	2.62 <b>D</b>	2.62 <b>D</b>
SEER		W/W	—	—
Pdesign		kW	—	—
Power input Cooling	Nominal	kW	7.640	9.550
Running amperes		A	11.8	14.8
Annual Energy Consumption <sup>2-a)</sup>			3820	4775
Annual Energy Consumption(ErP) <sup>2-b)</sup>			—	—
Heating capacity	Nom. (Min-Max)	kW	21.8 (6.0-22.4)	28.0 (6.0-31.5)
COP <sup>1)</sup>	Nominal	W/W	3.54 <b>B</b>	3.41 <b>B</b>
SCOP		W/W	—	—
Pdesign at -10 °C		kW	—	—
Power input Heating	Nominal	kW	6.150	8.200
Running amperes		A	9.5	12.6
Annual Energy Consumption (ErP) <sup>2-b)</sup>			—	—
<b>Indoor unit</b>				
Power source		V / ph / Hz	220 / 240 / 1 / 50	220 / 240 / 1 / 50
External static pressure <sup>3)</sup>	With booster cable	Pa	216 (235)	216 (235)
Air volume	Cooling/Heating	m <sup>3</sup> /h	4320	4320
Moisture removal volume	Cooling	l/h	11.1	13.9
Sound pressure level <sup>4)</sup>	(H/M/L)	dB(A)	51 / 50 / 49	51 / 50 / 49
Sound power level		dB(A)	82	82
Dimensions / Net weight	H x W x D	mm / kg	479 x 1428 x 1230 / 120	479 x 1428 x 1230 / 120
<b>Outdoor unit</b>				
Power source		V / ph / Hz	380 / 415 / 3+N / 50/60	380 / 415 / 3+N / 50/60
Recommended fuse			15A	20A
Recommended cable size		m	14	14
Air Volume	Cooling/Heating	m <sup>3</sup> /h	7740	7080
Sound pressure level <sup>4)</sup>	Cooling / Heating (Hi)	dB(A)	57 / 57	57 / 58
Sound power level	(Hi)	dB	72	73
Dimensions	H x W x D	mm	1526 x 940 x 340	1526 x 940 x 340
Net weight		kg	118	128
Piping connections	Liquid pipe	mm (Inch)	9.52 (3/8)	12.7 (1/2)
	Gas pipe	mm (Inch)	25.4 (1)	25.4 (1)
Refrigerant loading			5.3	6.5
Elevation dif. (in/out) <sup>5)</sup>	Max	m	30	30
Piping length	Min-Max	m	5-100	5-100
Precharge length	Max	m	30	30
Additional charge		g/m	40	80
Operating range	Cool Min/Max	°C	-15 / 43	-15 / 43
	Heat Min/Max	°C	-20 / 15	-20 / 15

Rating Conditions: Cooling Indoor 27 °C DB / 19 °C WB. Cooling Outdoor 35 °C DB / 24 °C WB. Heating Indoor 20 °C DB. Cooling Outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb)

1) EER and COP, Energy Saving Classification, is at 220 - 240 V (380 - 415 V) only in accordance with EU directive 2002/31/EC. 2-a) The annual consumption is calculated by multiplying the input power at 220 / 240 V (380 / 415 V) by an average of 500 hours per year in cooling mode. 2-b) The annual consumption(ErP) is calculated by formula determined by ErP regulation. 3) The specification listed on the table indicates values under the condition of 50 Pa (5.1 mmAq) which are applied for factory default setting. Change connector on fan motor from Hi to Shi to have 7.0 mmAq. 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 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. 6) When installing the outdoor unit at a higher position than the indoor unit.

Specifications subject to change without notice.

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