

High pressure duct and 100% fresh air duct function for all ECOi and ECO G systems

The E2 range of ducted units offers improved design flexibility for extended duct layouts as a result of their increased external static pressures whilst reducing energy consumption, while providing fresh air to larger spaces.



E2 type high static pressure hide-away · R410A
High pressure duct and 100% fresh air duct function.



+ COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Type	100% Fresh air duct function (by using Kit for 100% fresh air)				High pressure duct					
	S-224ME2E5		S-280ME2E5		S-224ME2E5		S-280ME2E5			
Indoor unit	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating		
Capacity	kW	22,4	21,2	28,0	26,5	22,4	25,0	28,0	31,5	
Input power	W	290,00	290,00	350,00	350,00	440,00	440,00	715,00	715,00	
Current	A	1,85	1,85	2,20	2,20	2,45	2,45	3,95	3,95	
Air flow	Hi/Med/Lo	m ³ /min 28,3/-/-		35,0/-/-		56,0/51,0/44,0		72,0/63,0/53,0		
External static pressure	Pa	200		200		140(60-270) ¹⁾		140(72-270) ¹⁾		
Sound pressure ²⁾	Hi/Med/Lo	dB(A) 43/-/-		44/-/-		45/43/41		49/47/43		
Sound power	Hi/Med/Lo	dB(A) 75/-/-		76/-/-		77/75/73		81/79/75		
Dimension	H x W x D	mm 479 x 1453 x 1205		479 x 1453 x 1205		479 x 1453 x 1205		479 x 1453 x 1205		
Net weight	kg	102		106		102		106		
Piping diameter	Liquid	Inch (mm)	3/8(9,52)		3/8(9,52)		3/8(9,52)		3/8(9,52)	
	Gas	Inch (mm)	3/4(19,05)		7/8(22,22)		3/4(19,05)		7/8(22,22)	

Rating Conditions for 100% Fresh air duct function: Cooling Outdoor 33 °C DB / 28 °C WB. Heating Outdoor 0 °C DB / -2,9 °C WB.
 1) Available to select the setting by initial setup. 2) Values with 140 Pa setting. * No filter included. ** No compatible with 3-Pipe ECO G GF3.

Accessories	
CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function
CZ-RWS3 + CZ-RWRC3	Infrared remote controller and receiver

Accessories	
PAW-RE2C4-MOD-WH	Room controller for hotel rooms, white
PAW-RE2C4-MOD-BK	Room controller for hotel rooms, black
PAW-RE2D4-WH	Display control for hotel rooms, white
PAW-RE2D4-BK	Display control for hotel rooms, black
CZ-CENSC1	Econavi energy saving sensor

Technical focus

- No need of rap valves for standard operation
- 100% fresh air duct function*
- DC fan motor for more savings
- Complete flexibility for ductwork design
- Can be located within a weatherproof housing for external installation
- Air OFF sensor avoids cold air dumping
- Configurable air temperature control

* Rap valves required, see 100% fresh air duct function below.

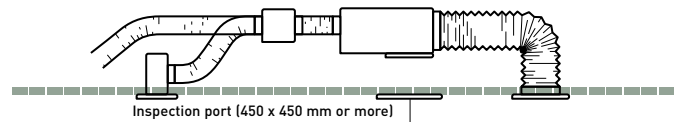
100% fresh air duct function

The E2 duct with 100% fresh air duct function have exceptional discharge temperature.

	Discharge Range		
	Min	Max	Default
Cooling	15 °C	24 °C	18 °C
Heating	17 °C	45 °C	40 °C

System example

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



Plenums

Air outlet plenum (suitable for rigid + flexible duct)		
	Number of exits with diameters	Model
S-224ME2E5	1 x 500 mm	CZ-TREMIESPW705
S-280ME2E5	1 x 500 mm	CZ-TREMIESPW706

Kit for 100% fresh air function

Kit for 2 way systems		Kit for 3 way systems	
2x CZ-P160RVK2	Rap valve kit	2x CZ-P160HR3	3 way valve kit
2x CZ-CAPE2	3 way control PCB	2x CZ-CAPE2	3 way control PCB
CZ-P680BK2BM	Distribution joint kit	CZ-P680BH2BM	Distribution joint kit
	1x remote controller		1x remote controller



ECONAVI and INTERNET CONTROL: Optional.