



E2 Type high static pressure hide-away • R410A

**High pressure duct and 100 % Fresh air duct function.**

The E2 range of ducted units offers improved design flexibility for extended duct layouts as a result of their increased external static pressures and reduces energy consumption



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

Model	100 % Fresh air duct function (by using Kit for 100 % fresh air)						High pressure duct			
	S-224ME2E5		S-280ME2E5		S-224ME2E5		S-280ME2E5			
	Cooling	Heating	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
Operating 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	28,30 / - / -		35,00 / - / -		56,00 / 51,00 / 44,00		72,00 / 63,00 / 53,00	
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	
Pipe diameter	Liquid pipe	Inch (mm)	3/8(9,52)		3/8(9,52)		3/8(9,52)		3/8(9,52)	
	Gas pipe	Inch (mm)	3/4(19,05)		7/8(22,22)		3/4(19,05)		7/8(22,22)	

Accessories	
CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function

Accessories	
CZ-RWS3 + CZ-RWRC3	Infrared remote controller
PAW-RE2C4	Wired remote controller for hotel application
CZ-CENSC1	Econavi energy savings sensor

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.

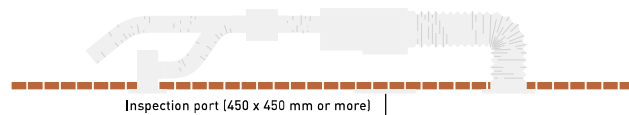
1) Available to select the setting by initial setup. 2) Values with 140 Pa setting. * No filter included. ** No compatible with 3-Pipe ECO G GF3.

Technical focus

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

System example

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

**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

Plenums

Air outlet plenum (suitable for rigid + flexible duct)		
	Number of exits with diameters	Model
S-224ME2E5 / S-280ME2E5	1 x 500 mm	CZ-TREMESPW706

Kit for 100 % Fresh air function

Kit for 100 % fresh air function for 2 Way systems	
2x CZ-P160RVK2	Rap valve kit
2x CZ-CAPE2	3 Way control PCB
CZ-P680BK2BM	Distribution Joint kit
	1x Remote controller

Kit for 100 % fresh air function for 3 Way systems	
2x CZ-P160HR3	3 way valve Kit
2x CZ-CAPE2	3 Way control PCB
CZ-P680BH2BM	Distribution Joint kit
	1x Remote controller



ECONAVI and INTERNET CONTROL: Optional.