

E2 Type High Static Pressure Hide Away



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.

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



PAW-RE2C4
Optional Controller.
Control for hotel application.



CZ-RTC5B
Optional Controller.
Wired remote controller.
Compatible with Econavi.



CZ-RWS3 + CZ-RWRC3
Optional Controller.
Infrared remote controller.



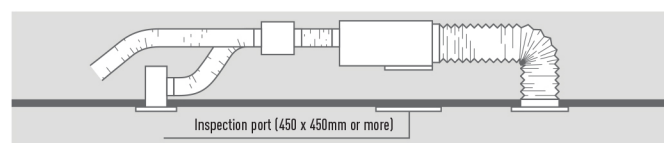
CZ-RE2C2
Optional Controller.
Simplified wired remote controller.

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	22,40	21,20	28,00	26,50	22,40	25,00	28,00	31,50	
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 volume	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		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 connections	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)

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 140Pa setting. * No filter included. No compatible with 3-Pipe ECO G GF3.

System example

An inspection port (450 x 450mm 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-224ME1E5A / S-280ME1E5 1 x 500mm	CZ-TREMIESPW706

Kit for 100% Fresh air function

For 2-Pipe systems		For 3-Pipe systems	
2x CZ-P160RVK2	Rap valve kit	2x CZ-P160HR3	3-Pipe valve kit
2x CZ-CAPE2	3-Pipe control PCB	2x CZ-CAPE2	3-Pipe control PCB
CZ-P680BK2	Distribution Joint kit	CZ-P680BH2	Distribution Joint kit
1x Remote control		1x Remote control	



ECONAVI and INTERNET CONTROL: Optional.