

ECOi and ECO G Systems Indoor units

F2 TYPE VARIABLE STATIC PRESSURE HIDE AWAY

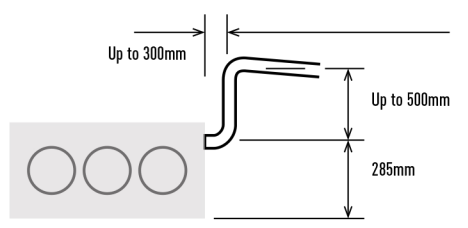
The new F2 type is designed specifically for applications requiring fixed square ducting. The internal filter is equipped as standard.

Technical focus

- Industry-leading low sound levels from 25dB(A)
- Built-in drain pump provides 785mm lift
- Easy to install and maintain
- Air OFF sensor avoids cold air dumping
- Configurable air temperature control

More powerful drain pump

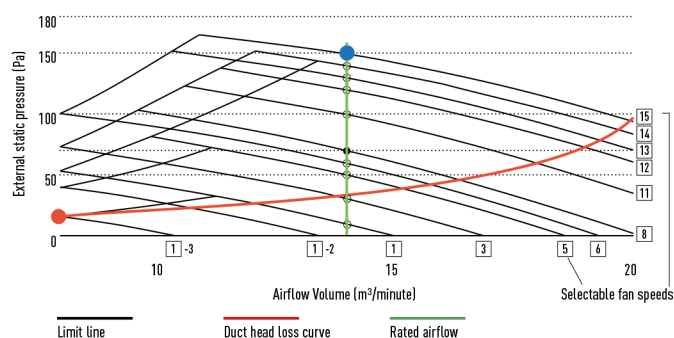
Using a high-lift drain pump, drain piping can be elevated up to 785mm from the base of the unit.



F2 Advantages

Automatic learning function for the required static pressure, to be activated easily by the standard wired timer remote controller. Possible to increase the sensible cooling capacity by adjusting the air volume flow in order to almost completely eliminate latent losses. This is possible due to the outstanding big heat exchanger surface in combination with increasing the air volume flow by a manual selection of higher fan speed curves through the standard wired remote controller when commissioning the system together with the default active off-coil temperature control and the room load based variable evaporation temperature control.

Diagram 1 S-22MF2E5A



Optional Controller.
Control for hotel
application
PAW-REZC3



Optional Controller.
Wired remote
controller CZ-RTCSB
Compatible with
Econavi and datanavi



Optional Econavi
Sensor.
CZ-CENSC1



Optional Controller.
Wireless remote
controller CZ-RWSK2
+ CZ-RWSC3



Optional Controller.
Simplified remote
controller CZ-RE2C2

Model	S-15MF2E5A S-22MF2E5A S-28MF2E5A S-36MF2E5A S-45MF2E5A S-56MF2E5A S-60MF2E5A S-73MF2E5A S-90MF2E5A S-106MF2E5A S-140MF2E5A S-160MF2E5A													
Cooling capacity	kW	1,50	2,20	2,80	3,60	4,50	5,60	6,00	7,30	9,00	10,60	14,00	16,00	
Input power cooling	W	70,00	70,00	70,00	70,00	70,00	100,00	120,00	120,00	135,00	195,00	215,00	225,00	
Current (cool)	A	0,57	0,57	0,57	0,57	0,57	0,74	0,89	0,89	0,97	1,30	1,44	1,50	
Heating capacity	kW	1,70	2,50	3,20	4,20	5,00	6,30	7,10	8,00	10,00	11,40	16,00	18,00	
Input power heating	W	70,00	70,00	70,00	70,00	70,00	100,00	120,00	120,00	135,00	200,00	210,00	225,00	
Current (heat)	A	0,57	0,57	0,57	0,57	0,57	0,74	0,89	0,89	0,97	1,34	1,42	1,50	
Fan type	Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan Sirocco fan													
Air volume ¹	Hi/ Med/ Lo	m³/min	14,00/13,00/ 9,00	14,00/13,00/ 9,00	14,00/13,00/ 9,00	14,00/13,00/ 9,00	14,00/13,00/ 10,00	16,00/15,00/ 12,00	21,00/19,00/ 15,00	21,00/19,00/ 15,00	25,00/23,00/ 19,00	32,00/26,00/ 21,00	34,00/29,00/ 23,00	36,00/32,00/ 25,00
External static pressure	Pa		70 (10-150)	70 (10-150)	70 (10-150)	70 (10-150)	70 (10-150)	70 (10-150)	70 (10-150)	70 (10-150)	70 (10-150)	100 (10-150)	100 (10-150)	100 (10-150)
Sound pressure ²	Hi/ Med/ Lo	dB(A)	33/29/ 22	33/29/ 22	33/29/ 22	33/29/ 22	34/32/ 25	34/32/ 25	35/32/ 26	35/32/ 26	37/34/ 28	38/34/ 31	39/35/ 32	40/36/ 33
Sound power ²	Hi/ Med/ Lo	dB	55/51/ 44	55/51/ 44	55/51/ 44	55/51/ 44	56/54/ 47	56/54/ 47	57/54/ 48	57/54/ 48	59/56/ 50	60/56/ 53	61/57/ 54	62/58/ 55
Dimension	HxWxD	mm	290x800 x700	290x800 x700	290x800 x700	290x800 x700	290x800 x700	290x800 x700	290x1000 x700	290x1000 x700	290x1000 x700	290x1400 x700	290x1400 x700	290x1400 x700
Net weight	kg		29	29	29	29	29	29	34	34	34	46	46	46
Piping connections	Liquid Gas	Inch (mm) Inch (mm)	1/4{6,35} 1/2{12,70}	1/4{6,35} 1/2{12,70}	1/4{6,35} 1/2{12,70}	1/4{6,35} 1/2{12,70}	1/4{6,35} 1/2{12,70}	1/4{6,35} 1/2{12,70}	3/8{9,52} 5/8{15,88}	3/8{9,52} 5/8{15,88}	3/8{9,52} 5/8{15,88}	3/8{9,52} 5/8{15,88}	3/8{9,52} 5/8{15,88}	3/8{9,52} 5/8{15,88}

1) Value referred to standard settings at shipment (H curve 8, M curve 5, L curve 1). 2) Sound pressure without refrigerant flow.



ECONAVI and INTERNET CONTROL: Optional.