

F2 Type Variable Static Pressure Hide Away

The 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

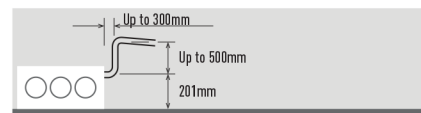


Model	S-15MF2E5A	S-22MF2E5A	S-28MF2E5A	S-36MF2E5A	S-45MF2E5A	S-56MF2E5A	S-60MF2E5A	S-73MF2E5A	S-90MF2E5A	S-106MF2E5A	S-140MF2E5A	S-160MF2E5A	
Cooling capacity	kW	1,50	2,20	2,80	3,60	4,50	5,60	6,00	7,30	9,00	10,60	14,00	16,00
Input power cooling	W	70,00	70,00	70,00	70,00	70,00	100,00	120,00	120,00	135,00	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
Air volume ¹⁾	Hi / Med / Lo m ³ /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 / power	Hi / Med / Lo dB(A) / dB	33/29/22 55/51/44	33/29/22 55/51/44	33/29/22 55/51/44	33/29/22 55/51/44	34/32/25 56/54/47	34/32/25 56/54/47	35/32/26 57/54/48	35/32/26 57/54/48	37/34/28 59/56/50	38/34/31 60/56/53	39/35/32 61/57/54	40/36/33 62/58/55
Dimension / Net weight	H x W x D mm / kg	290 x 800 x 700 / 29	290 x 800 x 700 / 29	290 x 800 x 700 / 29	290 x 800 x 700 / 29	290 x 800 x 700 / 29	290 x 800 x 700 / 29	290 x 1000 x 700 / 34	290 x 1000 x 700 / 34	290 x 1000 x 700 / 34	290 x 1400 x 700 / 46	290 x 1400 x 700 / 46	290 x 1400 x 700 / 46
Piping connections	Liquid Gas 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).

More powerful drain pump

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

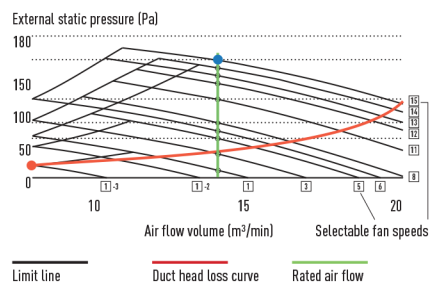


F2 Advantages

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



- ECONAVI 28%
- FILTER INCLUDED
- SELF-DIAGNOSING
- AUTOMATIC FAN
- HUMIDITY CONTROL DRY
- AUTOMATIC RESTART
- BUILT-IN DRAIN PUMP
- OPTIONAL WLAN
- BMS CONNECTIVITY

ECONAVI and INTERNET CONTROL: Optional.

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 4°C WB. (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.