

F3 type variable static pressure adaptive duct · R32 / R410A

Design adaptive ducted F3 range.

2 installation possibilities (horizontal / vertical) with high ESP 150 Pa allows for flexible installation.



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

Indoor unit. S-***MF3E5D		15	22	28	36	45	56	60	73	90	112	140	160
Cooling capacity	kW	1,5	2,2	2,8	3,6	4,5	5,6	6,0	7,3	9,0	11,2	14,0	16,0
Input power	W	60,00	60,00	60,00	60,00	60,00	89,00	79,00	79,00	136,00	265,00	265,00	330,00
Current	A	0,45	0,45	0,45	0,45	0,45	0,63	0,52	0,52	0,90	1,76	1,76	2,14
Heating capacity	kW	1,7	2,5	3,2	4,2	5,0	6,3	7,1	8,0	10,0	12,5	16,0	18,0
Input power	W	60,00	60,00	60,00	60,00	60,00	89,00	79,00	79,00	136,00	265,00	265,00	330,00
Current	A	0,45	0,45	0,45	0,45	0,45	0,63	0,52	0,52	0,90	1,76	1,76	2,14
R32 leakage sensors ¹⁾		2	2	2	2	2	2	2	2	2	2	2	2
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
nanoe X Generator		Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3
External static pressure	Pa	30 (10-150)	30 (10-150)	30 (10-150)	30 (10-150)	30 (10-150)	30 (10-150)	30 (10-150)	30 (10-150)	40 (10-150)	50 (10-150)	50 (10-150)	50 (10-150)
Air flow ²⁾	Hi/ Med/ Lo	m ³ /min	12,8/11,0/ 8,0	12,8/11,0/ 8,0	12,8/11,0/ 8,0	14,0/12,0/ 8,0	14,0/12,0/ 8,0	16,0/14,0/ 10,0	21,0/18,0/ 15,0	21,0/18,0/ 15,0	25,0/23,0/ 16,0	37,0/32,0/ 26,0	40,0/34,0/ 28,0
Sound pressure		dB(A)	31/28/20	31/28/20	31/28/20	31/28/20	31/28/20	35/32/24	31/28/23	31/28/23	35/33/25	41/36/32	43/37/33
Sound power		dB(A)	54/51/43	54/51/43	54/51/43	54/51/43	54/51/43	58/55/47	54/51/46	54/51/46	58/56/48	64/59/55	66/60/56
Dimension (H x W x D)		mm	250 x 800 x 730	250 x 800 x 730	250 x 800 x 730	250 x 800 x 730	250 x 800 x 730	250 x 800 x 730	250 x 1000 x 730	250 x 1000 x 730	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	26	26	26	26	26	26	31	31	31	40	40
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	3/8 (9,52)	3/8 (9,52)
R32 model	Gas	Inch (mm)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)	5/8 (15,88)
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)
R410A model	Gas	Inch (mm)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)

1) Only available in the R32 version. 2) Value referred to standard settings at shipment (H curve 8, M curve 5, L curve 1).

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function
CZ-RWS3 + CZ-RWRC3	Infrared remote controller and receiver
PAW-RE2C4-MOD-WH	Room controller for hotel rooms, white

Accessories

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
PAW-APF800F	BION air pollutant filter for MF3 15, 22, 28, 36, 45 and 56
PAW-APF1000F	BION air pollutant filter for MF3 60 and 73
PAW-APF1400F	BION air pollutant filter for MF3 90, 112, 140 and 160
CZ-CGLALC1	R32 refrigerant leak alarm

Technical focus

- 4 installation possibilities with horizontal and vertical mounting, plus selectable rear or bottom air inlet
- Industry leading low noise with super quiet operation, minimum 20 dB(A)
- Only 250 mm height and lightweight unit from, 26 to 40 kg
- Integrated Panasonic R32 refrigerant leak detectors ¹⁾
- Improved drain pan suitable for both horizontal / vertical installation
- Drain pump included ²⁾
- nanoe™ X (Generator Mark 3: 48 trillion hydroxyl radicals/sec) as standard, effective even with duct connections up to 10 m with 3 x 90° bends ³⁾
- BION air pollutant filter for certain types of pollutants, such as nitrogen dioxide (NO₂), nitrogen oxides (NO_x) and Ozone (O₃) (optional)

1) Only available in the R32 version. 2) For use with horizontal installation only. 3) Panasonic internal survey.

Vertical Installation

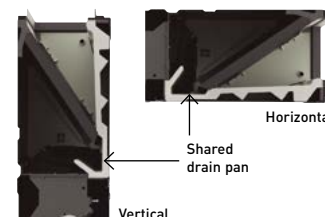
Vertical installation option. Variable external static pressure to support ducted installations with bends.

* Vertical installation requires additional settings on field, please check the installation manual.



Improved drain pan design

Drain pan is shared in both cases horizontal and vertical installation. No need to modify the unit.



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 / 6 °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.