



INVERTER HEAT PUMP MODEL

FDTC-VF

4way Ceiling Cassette type

Fits into standard
600x600 ceiling

FDTC25VF, FDTC35VF,
FDTC40VF, FDTC50VF,
FDTC60VF

Individual flap control system

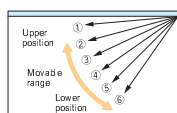
According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation.



FDTC-VF series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit. (except 40VF)

Flap control system

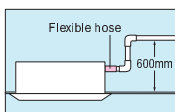
Selection of flap position is possible. Individual flaps can be set at different angles.



600mm Drain Pump is mounted

Drain can be discharged upward by 600mm from the ceiling surface close to the indoor unit.

It allows a piping layout with a high degree of freedom depending on the installation location.



Wired remote control (option)

NEW



RC-EX3



RC-E5



RCH-E3

Wireless remote control (option)

NEW



RCN-TC-24W-E2

SRC25ZMX-S, SRC35ZMX-S

SRC40ZSX-S, SRC50ZSX-S,
SRC60ZSX-S

FUNCTIONS

Energy saving



Air flow



Comfort & Convenience



Others



* When using Wireless remote control

SPECIFICATIONS

Indoor unit				FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF	FDTC60VF
Outdoor unit				SRC25ZMX-S	SRC35ZMX-S	SRC40ZSX-S	SRC50ZSX-S	SRC60ZSX-S
Power source				1 Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min~Max)			kW	2.55 (0.9 ~ 3.2)	3.6 (0.9 ~ 4.1)	4.0 (1.1 ~ 4.7)	5.0 (1.1 ~ 5.6)	5.6 (1.1 ~ 6.3)
Nominal heating capacity (Min~Max)			kW	3.45 (0.9 ~ 4.7)	4.25 (0.9 ~ 5.1)	4.5 (0.6 ~ 5.4)	5.4 (0.6 ~ 6.3)	6.7 (0.6 ~ 6.7)
Power consumption		Cooling/Heating	kW	0.6 / 0.84	1.07 / 1.16	1.04 / 1.10	1.56 / 1.45	1.99 / 2.07
EER/COP		Cooling/Heating		4.25 / 4.11	3.36 / 3.66	3.85 / 4.09	3.21 / 3.72	2.81 / 3.24
Inrush current		220/230/240 V	A	4.1 / 4.0 / 3.8	5.3 / 5.1 / 4.9	5.0	5.0	5.0
Max. running current				8	8	12	15	15
Sound power level	Indoor	Cooling/Heating	dB(A)	56 / 56	58 / 58	60 / 60	60 / 60	60 / 60
	Outdoor	Cooling/Heating		56 / 56	58 / 58	63 / 63	63 / 63	65 / 65
Sound pressure level	Indoor	Cooling (Hi/Me/Lo)	dB(A)	36 / 32 / 29	40 / 36 / 30	42 / 36 / 30	42 / 36 / 30	46 / 39 / 30
		Heating (Hi/Me/Lo)		38 / 33 / 29.5	42 / 35 / 32	42 / 36 / 32	42 / 36 / 32	46 / 39 / 32
Air flow	Outdoor	Cooling/Heating	m³/min	47 / 47	50 / 50	49 / 49	50 / 49	52 / 52
		Cooling (Hi/Me/Lo)		9 / 8 / 6.5	9.5 / 9 / 7	11.5 / 9 / 7	11.5 / 9 / 7	13.5 / 10 / 7
	Heating (Hi/Me/Lo)	9.5 / 8.5 / 7		10 / 9 / 8	11.5 / 9 / 8	11.5 / 9 / 8	13.5 / 10 / 8	
	Outdoor	Cooling/Heating		29.5 / 27.0	32.5 / 29.5	36 / 33	40 / 33	41.5 / 39
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	Unit : 248 x 570 x 570 Panel : 35 x 700 x 700				
	Outdoor			595 x 780(+62) x 290				
Net weight	Indoor / Outdoor		kg	18.5 (Unit : 15 Panel : 3.5) / 35		18.5 (Unit : 15 Panel : 3.5) / 45		
Refrigerant		Type/GWP		R410A / 2088				
		Charge	kg/TCO₂Eq	1.2 / 2.506		1.5 / 3.132		
Refrigerant piping size		Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")			6.35(1/4") / 12.7(1/2")	
Refrigerant line (one way) length			m	Max. 15			Max. 30	
Vertical height differences		Outdoor is higher/lower	m	Max. 10 / Max.10			Max. 20 / Max.20	
Outdoor operating temperature range		Cooling	°C	-15~46				
		Heating						
Panel				-15~24				
				TC-PSA-25W-E				
				-20~24				

* The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

* Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

* Powerful-HI can be selected. Sound level dB(A): 25VF(Cooling:36 Heating:39), 35VF(Cooling:41 Heating:43), 40/50/60VF(Cooling:47 Heating:47), Airflow m³/min: 25VF(Cooling:10 Heating:10.5), 35VF(Cooling:11 Heating:11.5), 40/50/60VF(Cooling:13.5 Heating:13.5)

* 'tonne(s) of CO₂ equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.