



SINGLE-SPLIT 4WAY CEILING CASSETTE TYPE

FDTC-VF

Fits into standard
600x600 ceiling

FDTC25VF, FDTC35VF,
FDTC40VF, FDTC50VF,
FDTC60VF

Individual flap control system

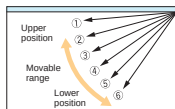
According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation.



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

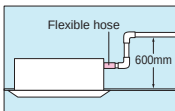
Flap control system

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)



RC-EX3A



RC-E5



RCH-E3

Wireless remote control (option)



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	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
Max. running current		A	8	8	12	15	15
Sound power level	Indoor	Cooling/Heating	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 (P-Hi/Hi/Me/Lo)	38 / 36 / 32 / 29	41 / 40 / 36 / 30	47 / 42 / 36 / 30	47 / 42 / 36 / 30	47 / 46 / 39 / 30
	Outdoor	Heating (P-Hi/Hi/Me/Lo)	39 / 38 / 33 / 29.5	43 / 42 / 35 / 32	47 / 42 / 36 / 32	47 / 42 / 36 / 32	47 / 46 / 39 / 32
Air flow	Indoor	Cooling/Heating	47 / 47	50 / 50	49 / 49	50 / 49	52 / 52
	Outdoor	Cooling (P-Hi/Hi/Me/Lo)	10 / 9 / 8 / 6.5	11 / 9.5 / 9 / 7	13.5 / 11.5 / 9 / 7	13.5 / 11.5 / 9 / 7	13.5 / 13.5 / 10 / 7
		Heating (P-Hi/Hi/Me/Lo)	10.5 / 9.5 / 8.5 / 7	11.5 / 10 / 9 / 8	13.5 / 11.5 / 9 / 8	13.5 / 11.5 / 9 / 8	13.5 / 13.5 / 10 / 8
Exterior dimensions		HeightxWidthxDepth	Unit : 248 x 570 x 570 Panel : 35 x 700 x 700				
Net weight		kg	595 x 780(+62) x 290 640 x 800(+71) x 290				
			18.5 (Unit : 15 Panel : 3.5) / 35.0 18.5 (Unit : 15 Panel : 3.5) / 45.0				
Refrigerant		Type/GWP	R410A / 2088				
		Charge	1.2 / 2.506 1.5 / 3.132				
Refrigerant piping size		Liquid/Gas	6.35(1/4") / 9.52(3/8") 6.35(1/4") / 12.7(1/2")				
Refrigerant line (one way) length		ø mm	Max. 15 Max. 30				
Vertical height differences		Outdoor is higher/lower	Max. 10 / Max.10 Max. 20 / Max.20				
Outdoor operating temperature range		Cooling	-15~46				
		Heating	-15~24 -20~24				
Panel			TC-PSA-25W-E				

* The data are measured under the following conditions (ISO-T1, H1). 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.

* '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.