



FDTC25VF

Hyper Inverter Compact Cassette



Fits into standard
600x600 ceiling



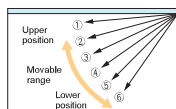
FDTC-VF series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit. (except 40VF)

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.



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



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



SPECIFICATIONS

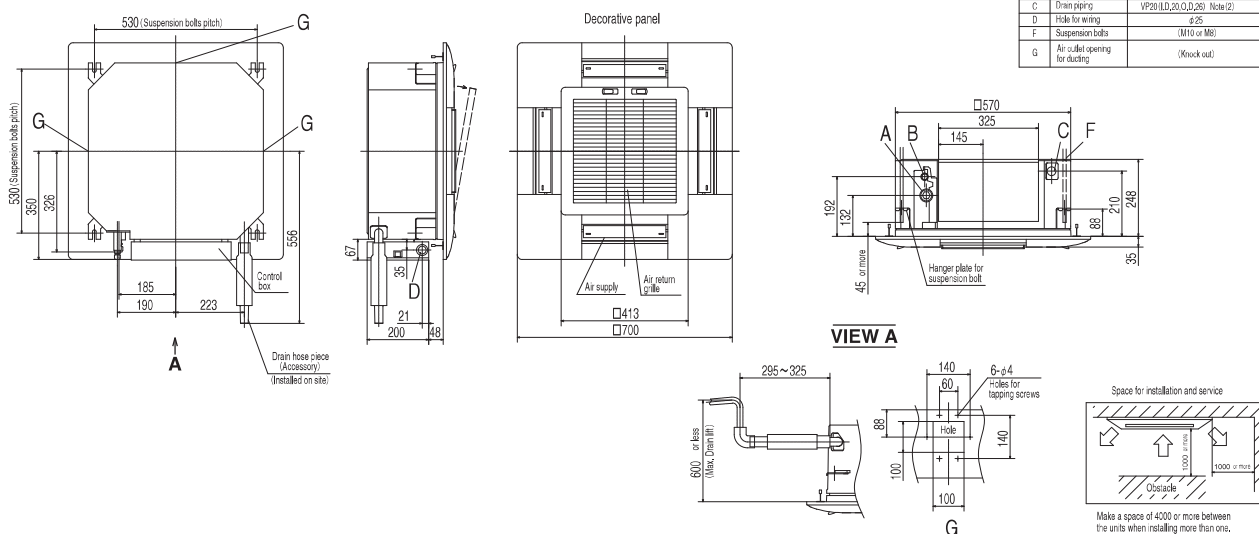
Indoor unit				FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF	FDTC60VF
Outdoor unit				SRC25ZMX-S	SRC35ZMX-S	SRC40ZSX-S	SRC50ZSX-S	SRC60ZSX-S
Power source				1 Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min~Max)			kW	2.55 (0.9 ~ 3.2)	3.6 (0.9 ~ 4.1)	4.0 (1.1 ~ 4.7)	5.0 (1.1 ~ 5.6)	5.6 (1.1 ~ 6.3)
Nominal 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			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
	Outdoor	Cooling/Heating		47 / 47	50 / 50	49 / 49	50 / 49	52 / 52
	Air flow	Indoor		Cooling (Hi/Me/Lo)	m³/min	9 / 8 / 6.5	9.5 / 9 / 7	11.5 / 9 / 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		640 x 800(+71) 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/TCO:Eq	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			-15~24		-20~24		
Panel				TC-PSA-25W-E				



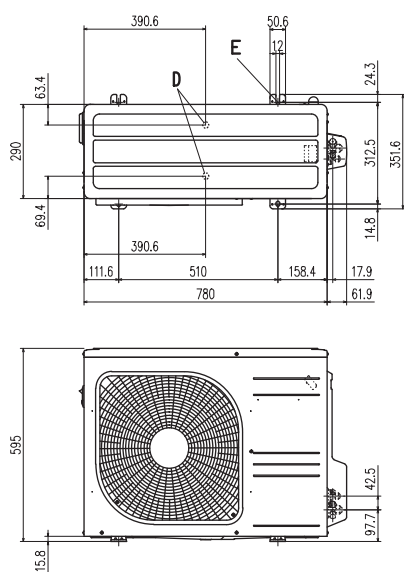
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FDTC25VF Indoor Unit



SRC25ZMX-S Outdoor Unit



Symbol	Content
A	Service valve connection (gas side) ZMX: $\phi 9.52(3/8")$ (flare) ZS ZMP: $\phi 12.7(1/2")$ (flare)
B	Service valve connection (liquid side) $\phi 6.35(1/4")$ (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 2$ places
E	Anchor bolt hole M10 $\times 4$ places

Examples of installation Dimensions	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open

