

INVERTER HEAT PUMP MODEL

FDTC-VF

4way Ceiling Cassette type



Fits into standard
600 x 600 ceiling

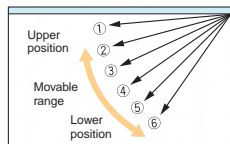
Individual flap control system

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.



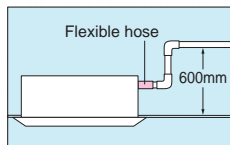
Flap control system

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.

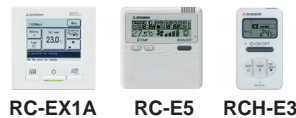


FDTC25VF, FDTC35VF,
FDTC40VF, FDTC50VF,
FDTC60VF



All FDTC-VF series (except FDTC40VF) can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

Wired remote control (option)



RC-EX1A RC-E5 RCH-E3

Wireless remote control (option)



RCN-TC-24W-ER

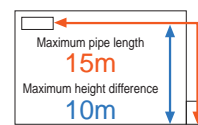


SRC25ZMX-S, SRC35ZMX-S

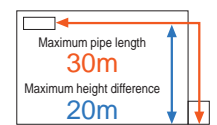


SRC40ZMX-S, SRC50ZMX-S,
SRC60ZMX-S

Refrigerant pipe length



FDTC25VF, FDTC35VF



FDTC40VF, FDTC50VF
FDTC60VF

FUNCTION

Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Indoor unit			FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF	FDTC60VF		
Outdoor unit			SRC25ZMX-S	SRC35ZMX-S	SRC40ZMX-S	SRC50ZMX-S	SRC60ZMX-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			9		9	12	14	14	
* Sound power level	Indoor	Cooling/Heating	56		58	60	60	60	
	Outdoor	Cooling/Heating	56		58	63	63	64	
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo)	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	50 / 50	54 / 50	54 / 54	
		Cooling (Hi/Me/Lo)	9 / 8 / 6.5		9.5 / 9 / 7	11.5 / 9 / 7	11.5 / 9 / 7	13.5 / 10 / 7	
Air flow	Indoor	Heating (Hi/Me/Lo)	9.5 / 8.5 / 7		10 / 9 / 8	11.5 / 9 / 8	11.5 / 9 / 8	13.5 / 10 / 8	
		Cooling/Heating	29.5 / 27.0		32.5 / 29.5	36 / 33	40 / 33	41.5 / 39	
	Outdoor	Cooling/Heating	Unit : 248 x 570 x 570 Panel : 35 x 700 x 700						
Exterior dimensions		Indoor / Outdoor	HeightxWidthxDepth		mm				
Net weight		Indoor / Outdoor	kg		595 x 780(+62) x 290		640 x 800(+71) x 290		
Ref.piping size		Liquid/Gas	Ømm		18.5 (Unit : 15 Panel : 3.5) / 35		18.5 (Unit : 15 Panel : 3.5) / 45		
Refrigerant line (one way) length			m		6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")		
Vertical height differences		Outdoor is higher/lower	m		Max. 15		Max. 30		
Outdoor operating temperature range		Cooling	°C		Max. 10 / Max.10				
		Heating			-15~46				
Clean filter					-15~21				
					TC-PSA-25W-E				

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.

* 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:38 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)