

# INVERTER HEAT PUMP MODEL

# FDTC-VF

4way Ceiling Cassette type



Fits into standard 600 x 600 ceiling



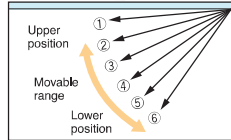
## Individual flap control system

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.



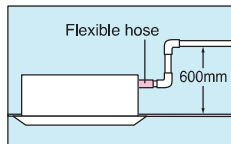
## Flap control system

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)



Wireless remote control (option)

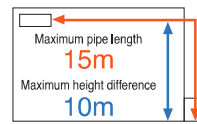


SRC25ZMX-S, SRC35ZMX-S

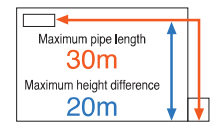


SRC40ZMX-S, SRC50ZMX-S, SRC60ZMX-S

### 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	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	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)	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	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)	m³/min	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
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		
Ref.piping size	Liquid/Gas		Ømm	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		
Outdoor operating temperature range	Cooling	°C					-15~46	
	Heating						-15~21	
Clean filter				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).