

INVERTER HEAT PUMP MODEL (High COP)

FDTC-VF

4way Ceiling Cassette type



FDTC25VF
FDTC35VF
FDTC40VF
FDTC50VF
FDTC60VF



Fits into standard
600 x 600 ceiling



FDTC25VF, FDTC35VF,
FDTC40VF, FDTC50VF,
FDTC60VF

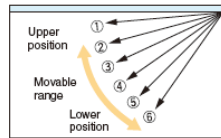
Individual flap control system

According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. As individual flap control is available even after installation, installation area became wider than before.



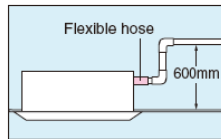
Flap control system

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.



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



RC-E5(option)



RCH-E3(option)

Wireless remote control



RCN-TC-24W-ER(option)

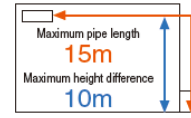


SRC25ZJX-S, SRC35ZJX-S

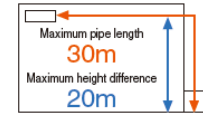


SRC40ZJX-S, SRC50ZJX-S,
SRC60ZJX-S

Refrigerant pipe length



FDTC25VF, FDTC35VF



FDTC40VF, FDTC50VF
FDTC60VF

FUNCTION

Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Model (Indoor unit/Outdoor unit)		FDTC25VF SRC25ZJX-S		FDTC35VF SRC35ZJX-S		FDTC40VF SRC40ZJX-S		FDTC50VF SRC50ZJX-S		FDTC60VF SRC60ZJX-S		
Item												
Power supply		1Phase, 220/230/240V, 50Hz										
Nominal cooling capacity	ISO-T1 (JIS)	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	ISO-T1 (JIS)	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)					
Cooling input	at 230V	kW	0.6	1.07	1.04	1.56	1.99					
Heating input	at 230V	kW	0.84	1.16	1.10	1.45	2.07					
Energy label	Cooling/Heating		A/A						C/C			
EER (In cooling)			4.25	3.36	3.85	3.21	2.81					
COP (In heating)			4.11	3.66	4.09	3.72	3.24					
Running current	Cooling	A	3.0/2.9/2.8	4.9/4.7/4.5	4.6	6.9	8.3					
	Heating	A	4.1/4.0/3.8	5.3/5.1/4.9	4.9	6.4	8.7					
Inrush current (Max)		A	4.1(9)	5.3(9)	5(12)	5(14)	5(14)					
Sound pressure level *	Cooling(Indoor)	dB(A)	Hi:36 Me:32 Lo:29	Hi:40 Me:36 Lo:30	Hi:42 Me:36 Lo:30	Hi:42 Me:36 Lo:30	Hi:46 Me:39 Lo:30					
	Heating(Indoor)	dB(A)	Hi:38 Me:33 Lo:29.5	Hi:42 Me:35 Lo:32	Hi:42 Me:36 Lo:32	Hi:42 Me:36 Lo:32	Hi:46 Me:39 Lo:32					
Air flow	Indoor	Cooling	Hi:9 Me:8 Lo:6.5	Hi:9.5 Me:9 Lo:7	Hi:18 Me:16 Lo:14		Hi:18 Me:16 Lo:14					
		Heating	Hi:9.5 Me:8.5 Lo:7	Hi:10 Me:9 Lo:8	Hi:18 Me:16 Lo:14		Hi:18 Me:16 Lo:14					
	Outdoor	CMM	Cooling:29.5 Heating:27.0	Cooling:32.5 Heating:29.5	40		40					
Exterior dimensions (H×W×D)	Indoor	mm	Unit : 248×570×570 Panel : 35×700×700									
	Outdoor	mm	595×780(+62)×290				640×800(+71)×290					
Net weight	Indoor/Outdoor	kg	18.5(Unit:15 Panel:3.5)/38			18.5(Unit:15 Panel:3.5)/43						
Refrigerant piping	O.D	Liquid line	mm(in)			φ 6.35 (1/4")						
		Gas line	mm(in)			φ 9.52 (3/8")			φ 12.7 (1/2")			
Refrigerant			R410A									
Panel			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:25VF(Cooling:10 Heating:10.5), 35VF(Cooling:11 Heating:11.5), 40/50/60VF(Cooling:13.5 Heating:13.5)