



Indoor units

Ceiling Cassette -4way- FDT

Model No.

FDT28KXE6F	FDT90KXE6F
FDT36KXE6F	FDT112KXE6F
FDT45KXE6F	FDT140KXE6F
FDT56KXE6F	FDT160KXE6F
FDT71KXE6F	



Remote control (option)

Wired



Wireless

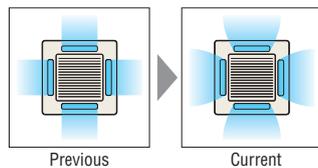


Individual flap control system

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.

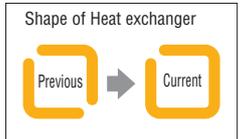


Due to optimization of outlet design of air flow with our new advanced technology, sufficient air flow is secured and long reach of air flow is realized.



The thinnest design

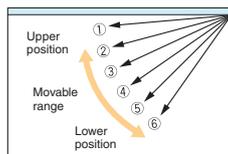
Thanks to new design of heat exchanger changed from 2 parts to 1 part, the height of indoor unit is reduced drastically. Furthermore applying DC fan motors to FDT models, the highest energy efficiency level, reduction of weight and significant compact design are realized.



Flap control system

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

*RCH-E3 is not applicable to the individual flap control system and the flap control system.



Specifications

Item	Model	FDT28KXE6F	FDT36KXE6F	FDT45KXE6F	FDT56KXE6F	FDT71KXE6F	FDT90KXE6F	FDT112KXE6F	FDT140KXE6F	FDT160KXE6F	
Nominal cooling capacity	kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	
Nominal heating capacity	kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0	
Power source		1 Phase 220-240V, 50Hz / 220V, 60Hz									
Power consumption	Cooling	0.03-0.03 / 0.03			0.04-0.04 / 0.04		0.08-0.08 / 0.08		0.15-0.15 / 0.15		
	Heating	0.03-0.03 / 0.03			0.04-0.04 / 0.04		0.08-0.08 / 0.08		0.15-0.15 / 0.15		
Sound power level	dB(A)	53			60	64	65	—	—	—	
Sound pressure level ※	dB(A)	Hi:33 Me:31 Lo:30					Hi:40 Me:37 Lo:35		Hi:42 Me:40 Lo:37 Hi:43 Me:41 Lo:38		
Exterior dimensions	mm	Unit:246x840x840 Panel:35x950x950					Unit:298x840x840 Panel:35x950x950				
Net weight	kg	Unit:22 Panel:5.5			Unit:24 Panel:5.5		Unit:27 Panel:5.5				
Air flow ※	m³/min	Hi:18 Me:16 Lo:14					Hi:27 Me:24 Lo:20		Hi:30 Me:27 Lo:23		
Outside air intake		Possible									
Panel		T-PSA-3BW-E									
Air filter, Q'ty		Pocket Plastic net x1 (Washable)									
Remote control(option)		wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-T-36W-E									
Installation data	mm(in)	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")			Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")			Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")			

1. 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.
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

※ Powerful-Hi can be selected. Sound pressure level: FDT28/36/45 37dB(A), FDT56 39dB(A), FDT71 46dB(A), FDT90/112/140/160 51dB(A). Air flow: FDT28/36/45/56 20m³/min, FDT71 28m³/min, FDT90/112/140/160 37m³/min.