

Ceiling Cassette -4way Compact (600x600mm)- FDTC

Model No.

FDT15KXE6F
FDT22KXE6F
FDT28KXE6F
FDT36KXE6F
FDT45KXE6F
FDT56KXE6F

Fits into standard
600 x 600 ceiling



Remote control (option)

Wired



Wireless



RC-EX1A

RC-E5

RCH-E3

RCN-TC-24W-ER

Individual flap control system

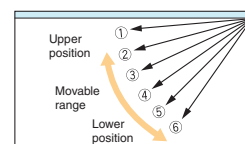
According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation.



Flap control system

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

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

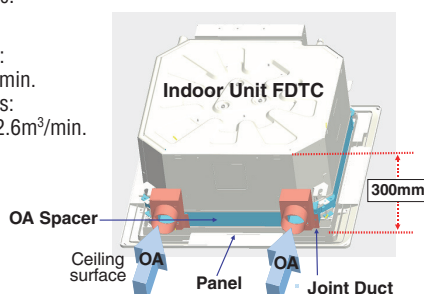


Taking OA (Outside Air) into inside

OA Spacer TC-OAS-E (option)
Joint Duct TC-OAD-E (option)

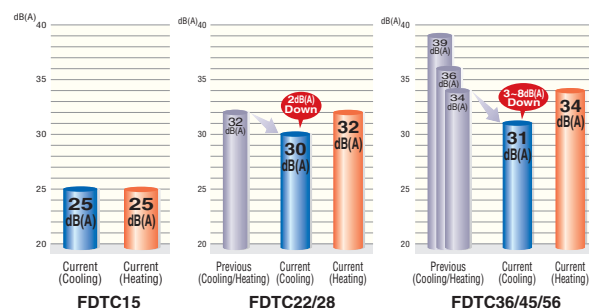
Utilizing OA spacer which comes as optional equipment, outside air can be taken inside.

Using 1 joint duct:
OA up to 1.3m³/min.
Using 2 joint ducts:
OA from 1.3 to 2.6m³/min.



Quiet operation (Sound pressure level in the Lo mode.)

The industry's lowest sound pressure level:25dB(A) of FDT15KXE6F was achieved by Optimizing fan speed and distributor size.



Specifications

Item	Model	FDT15KXE6F	FDT22KXE6F	FDT28KXE6F	FDT36KXE6F	FDT45KXE6F	FDT56KXE6F
Nominal cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
Nominal heating capacity	kW	1.7	2.5	3.2	4.0	5.0	6.3
Power source		1 Phase 220-240V, 50Hz					
Power consumption	Cooling	0.02-0.02	0.03-0.03			0.05-0.05	
	Heating	0.02-0.02	0.03-0.03			0.05-0.05	
Sound power level	dB(A)	56			58	60	
Sound pressure level ※	Cooling	Hi:32 Me:28 Lo:25	Hi:35 Me:33 Lo:30		Hi:38 Me:36 Lo:31	Hi:40 Me:37 Lo:31	Hi:45 Me:39 Lo:31
	Heating	Hi:32 Me:28 Lo:25	Hi:35 Me:33 Lo:32		Hi:38 Me:36 Lo:34	Hi:40 Me:37 Lo:34	Hi:45 Me:39 Lo:34
Exterior dimensions H x W x D	mm	Unit:248x570x570 Panel:35x700x700					
Net weight	kg	Unit:14 Panel:3.5			Unit:15 Panel:3.5		
Air flow ※	Cooling	Hi:7 Me:5.5 Lo:4.5	Hi:9.5 Me:8.5 Lo:7		Hi:10 Me:9 Lo:7	Hi:11 Me:9 Lo:7	Hi:13 Me:10 Lo:7
	Heating	Hi:7 Me:5.5 Lo:4.5	Hi:9.5 Me:8.5 Lo:8		Hi:10 Me:9 Lo:8	Hi:11 Me:9 Lo:8	Hi:13 Me:10 Lo:8
Outside air intake		Possible with OA Spacer TC-OAS-E & Joint Duct TC-OAD-E					
Panel		TC-PSA-25W-E					
Air filter, Q'ty		Pocket Plastic net x1 (Washable)					
Remote control(option)		wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-TC-24W-ER					
Installation data Refrigerant piping size	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")		

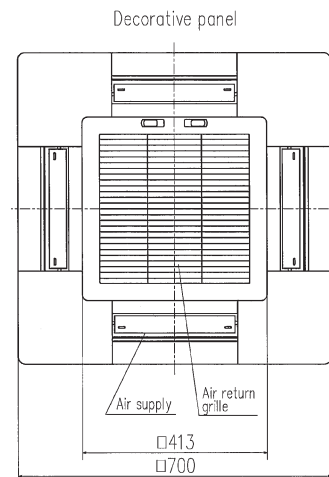
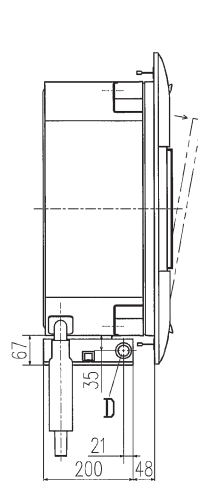
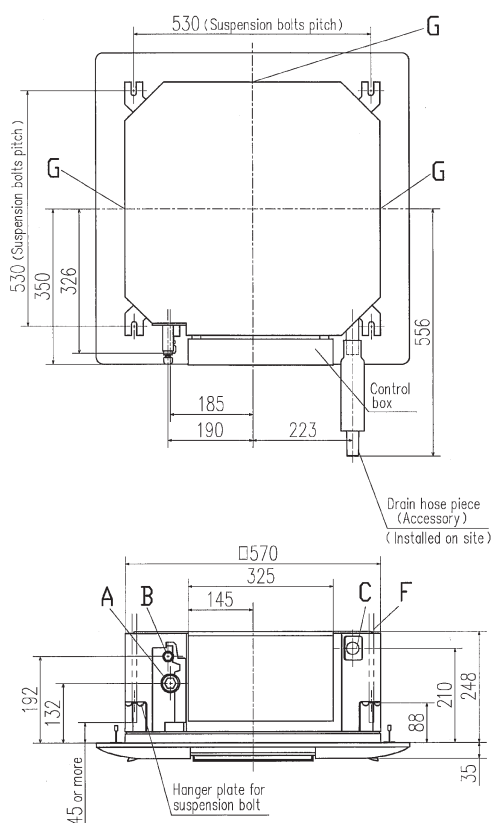
1. The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

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

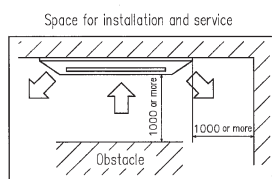
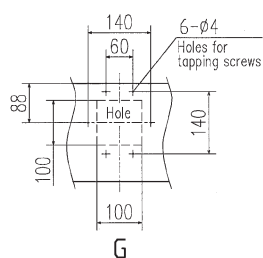
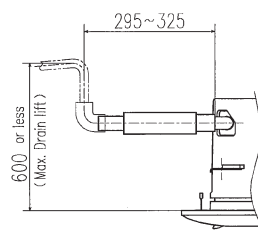
※ Powerful-Hi can be selected. Sound pressure level: FDT15 34dB(A), FDT22/28 44dB(A), FDT36 46dB(A), FDT45 48dB(A), FDT56 49dB(A). Air flow: FDT15 8m³/min, FDT22/28 12m³/min, FDT36 13m³/min, FDT45 15m³/min, FDT56 16m³/min.

Dimensions

All measurements in mm.



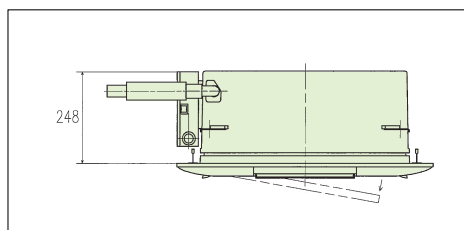
Notes (1) The model name label is attached on the control box lid.
(2) This unit is designed for 2x2 grid ceiling.
If it is installed on a ceiling other than 2x2 grid ceiling, provide an inspection part on the control box side.



Make a space of 4000 or more between the units when installing more than one.

Symbol	Content
	Model
A	Gas piping
B	Liquid piping
C	Drain piping
D	Hole for wiring
F	Suspension bolts
G	Air outlet opening for ducting

Ultra slim design at just 248mm above the ceiling



Condensate drain pump included as standard

