

Ceiling Cassette -2way-FDTW

Model No.

FDTW28KXE6F FDTW45KXE6F FDTW56KXE6F FDTW71KXE6F FDTW90KXE6F FDTW112KXE6F FDTW140KXE6F

Remote control (option) Wired RC-EX1A RC-E5 RCH-E3 Wireless RCN-TW-E

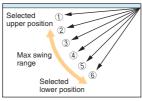
Individual flap control system

According to room temperature conditions, four directions air flow can be controlled individually by flap control system. Due to optimization of outlet design of air flow our new advanced technology, sufficient air flow is secured and long reach of air flow is achieved.



Flap control system

The flap can swing within the range of upper and lower flap position selected with wired remote control.



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

Installation workability

Drainage spout

Drainage flow test can be done easily by use of this drainage spout.



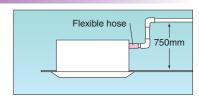
Transparent access hole to drain pan

Dirt condition of the bottom of a drain pan can be checked through this transparent access hole without removing drain pan.



750mm Drain Pump

Drain can be discharged upward by 750mm 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.



Specifications

Item Mo	odel	FDTW28KXE6F	FDTW45KXE6F	FDTW56KXE6F	FDTW71KXE6F	FDTW90KXE6F	FDTW112KXE6F	FDTW140KXE6F
Nominal cooling capacity	kW	2.8	4.5	5.6	7.1	9.0	11.2	14.0
Nominal heating capacity	kW	3.2	5.0	6.3	8.0	10.0	12.5	16.0
Power source		1 Phase 220-240V, 50H				Z		
Power Cooling	kW	0.09-0.09	0.10-0.10 0.14-0.		0.14-0.14	0.19-0.19		
consumption Heating	KVV	0.09-0.09	0.10-0.10 0.14-0.1		0.14-0.14	0.19-0.19		
Sound power level d	dB(A)	58			65	=		
Sound pressure level * d	dB(A)	Hi:38 Me:34 Lo:31			Hi:45 Me:41 Lo:37			
Exterior dimensions H x W x D	mm	Unit:325x820x620 Panel:20x1120x680			Unit:325x1535x620 Panel:20x1835x680			
Net weight	kg	Unit:20 Panel:8.5	nit:20 Panel:8.5 Unit:21 Panel:8.5 Unit:23 Panel:8.5		Unit:35 Panel:13			
Air flow *	m³/min	Hi:12 Me:10 Lo:9			Hi:27 Me:23 Lo:20			
Outside air intake		Possible						
Panel		TW-PSA-26W-E			TW-PSA-46W-E			
Air filter, Q'ty		Pocket Plastic net x2 (Washable)			Pocket Plastic net x3 (Washable)			
Remote control(option)		wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-TW-E						
Installation data Refrigerant piping size	nm(in)	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8") Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8") Gas line:ø12.7(1/2")				Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")		

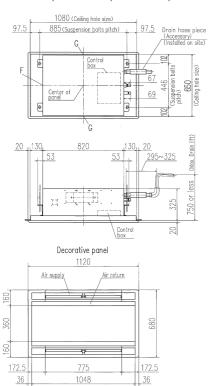
- 1. The data are measured under the following conditions (ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions
- ** Powerful-Hi can be selected. Sound pressure level: FDTW28/45/56/71 42dB(A), FDTW90/112/140 48dB(A). Air flow: FDTW28/45/56/71 14.5m³/min, FDTW90/112/140 31m³/min.

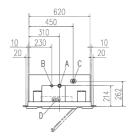


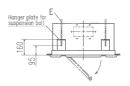
Dimensions

All measurements in mm.

FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

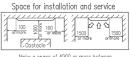






Symbol	Content						
	Model	28	45,56	71			
Α	Gas piping	49.52 (3/8") (Flare)	#12,7(1/2*) (Flare)	¢15.88 (5/8") (Flore)			
В	Liquid piping	ø6.35 (1/4") (Flare)		#9.52 (3/8*) (Flare)			
С	Drain piping	VP25 (O.D. 32)					
D	Hole for wiring						
Ε	Suspension bolts	(M10)					
F	Outside air opening	(Knock out)					
	for ducting	(Knock out)					
G	Air outlet opening	(Knock out)					
	for ducting	(Knock out)					

Notes (1) The model name label is attached on the lid of the control box.

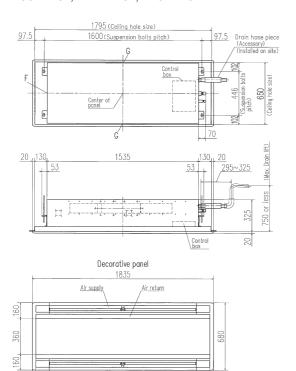


Make a space of 4000 or more between the units when installing more than one.

FDTW90KXE6F, 112KXE6F, 140KXE6F

172.5

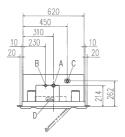
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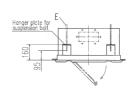


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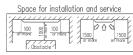
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Symbol	Content				
A	Gas piping	ø15.88 (5/8") (Flare)			
В	Liquid piping	φ9.52 (3/8°) (Flare)			
C	Drain piping	VP25 (O.D. 32)			
D	Hole for wiring				
Ε	Suspension bolts	(M10)			
F	Outside air opening for ducting	(Knock out)			
G	Air outlet opening for ducting	(Knock out)			

Notes (1) The model name label is attached on the lid of the control box.



Make a space of 5000 or more between the units when installing more than one.