

Ceiling Cassette -2way-FDTW

Model No.

FDTW28KXE6F	FDTW90KXE6F
FDTW45KXE6F	FDTW112KXE6F
FDTW56KXE6F	FDTW140KXE6F
FDTW71KXE6F	



Remote control (option)

Wired



RC-EX3D RC-E5 RCH-E3

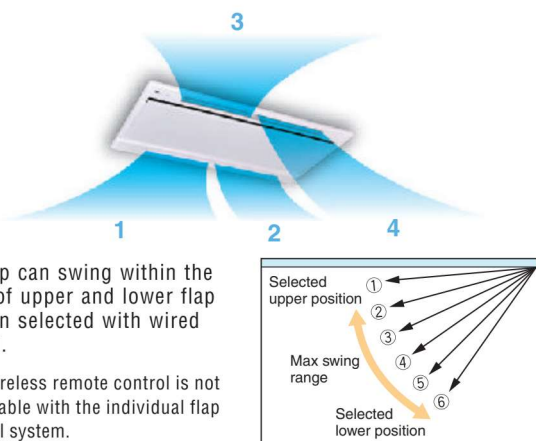
Wireless



RCN-TW-E2

Individual flap control system

We've optimised our outlet design with advanced technology to allow you to control up to four directions of air flow. Allowing you to control air direction via the flap systems and room temperature.



750mm Drain Pump

The drain discharge system allows for a piping layout with a high degree of freedom (dependent on installation location). Discharge from above 750mm from a ceiling surface to the indoor unit.

Installation workability

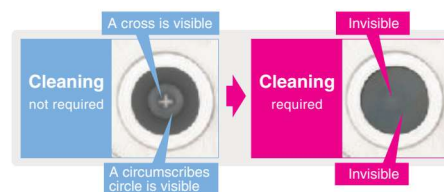
Drainage spout

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



Transparent access hole to drain pan

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



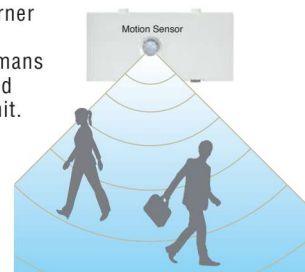
Motion Sensor

(Option)

Motion sensor is equipped in the corner of the panel and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.



LB-TW-6W



Specifications

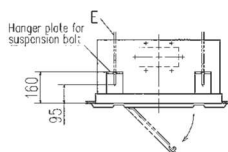
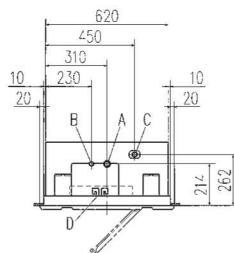
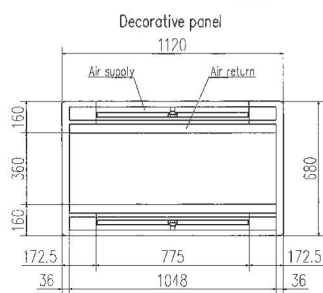
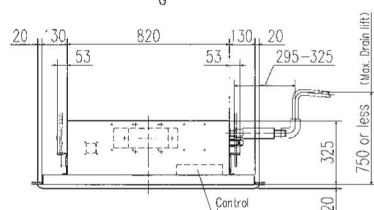
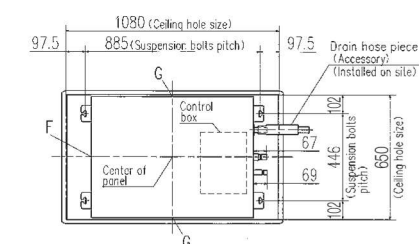
Item		Model	FDTW28KXE6F	FDTW45KXE6F	FDTW56KXE6F	FDTW71KXE6F	FDTW90KXE6F	FDTW112KXE6F	FDTW140KXE6F	
Nominal cooling capacity		kW	2.8	4.5	5.6	7.1	9.0	11.2	14.0	
Nominal heating capacity		kW	3.2	5.0	6.3	8.0	10.0	12.5	16.0	
Power source			1 Phase 220-240V, 50Hz							
Power consumption	Cooling	kW	0.09-0.09	0.10-0.10	0.14-0.14		0.19-0.19			
	Heating		0.09-0.09	0.10-0.10	0.14-0.14		0.19-0.19			
Sound power level		dB(A)	58					65		
Sound pressure level		dB(A)	P-Hi:42 Hi:38 Me:34 Lo:31					P-Hi:48 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	Unit:21 Panel:8.5		Unit:23 Panel:8.5		Unit:35 Panel:13		
Air flow		m³/min	P-Hi:14.5 Hi:12 Me:10 Lo:9					P-Hi:31 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-EX3D, RC-E5, RCH-E3 wireless:RCN-TW-E2							
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")		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.

Dimensions

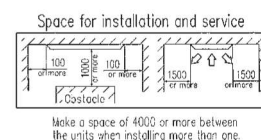
All measurements in mm.

FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

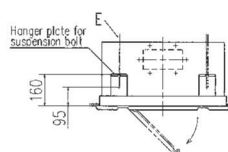
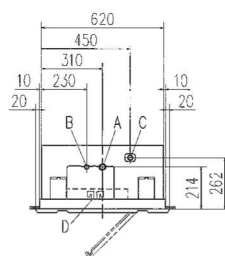
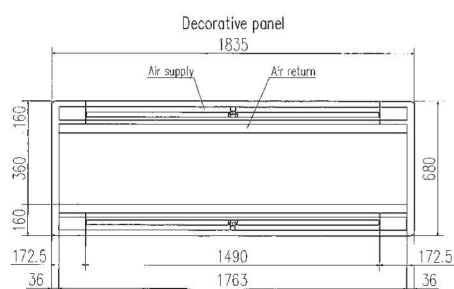
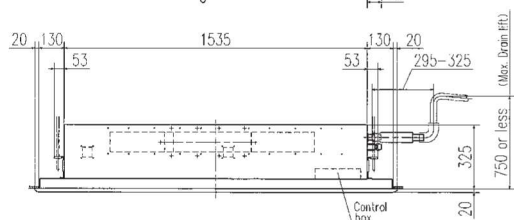
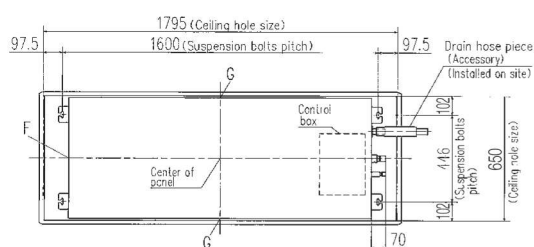


Symbol	Model	Content
	28	45.56
A	Gas piping	ø15.88 (5/8") (Flare)
B	Liquid piping	ø9.52 (3/8") (Flare)
C	Drain piping	VP25 (O.D. 32)
D	Hole for wiring	(M10)
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)

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



FDTW90KXE6F, 112KXE6F, 140KXE6F



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

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