

Ceiling Cassette -2way- FDTW



New!



FDTW28-71



FDTW90-140

*R32 indoor unit are not compatible with R410A outdoor unit and vice versa.

Remote control (option)

Wired



RC-EX3D RC-E5 RCH-E3 RC-ES1

Wireless



RCN-TW-E2

R32 Leak detector and shut-off valve available as an option

Refrigerant leak detector
RLD-KIT-E



Shut-off valve
SV-KIT-S1N-E
SV-KIT-L1N-E



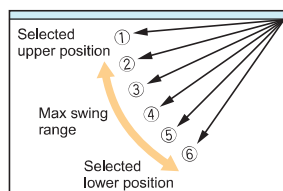
Individual flap control system

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.



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

*The wireless remote control is not applicable with the individual flap control system.

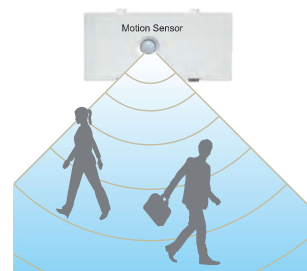


Motion Sensor

(option)

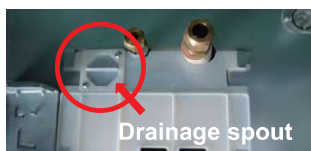
Motion sensor is equipped in the corner of the panel and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.

LB-TW-6W

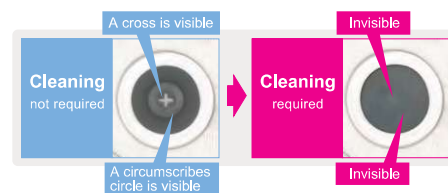


Installation workability

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



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



Transparent access hole to drain pan

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.

SPECIFICATIONS

Indoor unit	FDTW		28KXZE3-W	45KXZE3-W	56KXZE3-W	71KXZE3-W	90KXZE3-W	112KXZE3-W	140KXZE3-W
Power source			1 Phase 220-240V, 50Hz						
Nominal capacity	Cooling	kW	2.8	4.5	5.6	7.1	9.0	11.2	14.0
	Heating		3.2	5.0	6.3	8.0	10.0	12.5	16.0
Power consumption	Cooling	W	90-90	100-100		140-140	190-190		
Sound power level ¹⁾	Heating		57	58			63		
							62		
Sound pressure level ¹⁾ (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	42/38/34/31				48/45/41/37		
	Heating								
Exterior dimensions (HeightxWidthxDepth)	Unit	mm	325x820x620				325x1535x620		
	Panel		20x1120x680				20x1835x680		
Net weight	Unit	kg	20	21		23	35		
	Panel		8.5	8.5		8.5	13		
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m ³ /min	14.5/12/10/9				31/27/23/20		
	Heating								
Outside air intake			Possible						
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")			ø9.52(3/8")			
	Gas		ø9.52(3/8")	ø12.7(1/2")		ø15.88(5/8")			
Panel (option)			TW-PSA-26W-E				TW-PSA-46W-E		
Air filter, Q'ty			Pocket plastic net x 2(Washable)				Pocket plastic net x 3(Washable)		

Indoor unit	FDTW		28KXE6F	45KXE6F	56KXE6F	71KXE6F	90KXE6F	112KXE6F	140KXE6F
Power source			1 Phase 220-240V, 50Hz						
Nominal capacity	Cooling	kW	2.8	4.5	5.6	7.1	9.0	11.2	14.0
	Heating		3.2	5.0	6.3	8.0	10.0	12.5	16.0
Power consumption	Cooling	W	90-90	100-100		140-140	190-190		
	Heating								
Sound power level ¹	Cooling	dB(A)	58				65		
	Heating								
Sound pressure level ¹ (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	42/38/34/31				48/45/41/37		
	Heating								
Exterior dimensions (HeightxWidthxDepth)	Unit	mm	325x820x620				325x1535x620		
	Panel		20x1120x680				20x1835x680		
Net weight	Unit	kg	20	21		23	35		
	Panel		8.5	8.5		8.5	13		
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m ³ / min	14.5/12/10/9				31/27/23/20		
	Heating								
Outside air intake			Possible						
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")			ø9.52(3/8")			
	Gas		ø9.52(3/8")	ø12.7(1/2")		ø15.88(5/8")			
Panel (option)			TW-PSA-26W-E				TW-PSA-46W-E		
Air filter, Q'ty			Pocket plastic net x 2(Washable)				Pocket plastic net x 3(Washable)		

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.

Ceiling Cassette -1way-FDTS



New!



*R32 indoor unit are not compatible with R410A outdoor unit and vice versa.

FDTS45 · 71

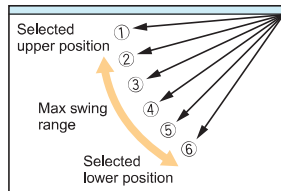
Individual flap control system

Two directions of air flow can be controlled individually by flap control system.



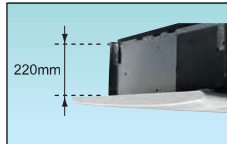
The flap can swing within the range of upper and lower flap position selected with wired control.

*The wireless remote control is not applicable with the individual flap control system.



Compact design

Indoor unit size (W:1150 x D:565) brings easy installation for 1200 x 600 ceiling and Panel size (1250 x 650) is suitable for 1200 x 600 ceiling. Height is the industry's lowest height level 220mm and weight is only 27, 28kg.



Remote control (option)

Wired



RC-EX3D

Wireless



RC-E5



RCH-E3



RC-ES1

Wireless



RCN-TS-E2

R32 Leak detector and shut-off valve available as an option

Refrigerant leak detector
RLD-KIT-E



Shut-off valve
SV-KIT-S1N-E
SV-KIT-L1N-E



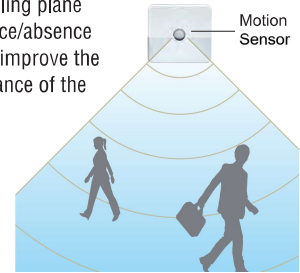
Motion Sensor

(option)

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



LB-KIT2



600mm Drain Pump

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.

SPECIFICATIONS

Indoor unit	FDTS		45KXZE3-W	71KXZE3-W	45KXE6F	71KXE6F
Power source			1 Phase 220-240V, 50Hz			
Nominal capacity	Cooling	kW	4.5	7.1	4.5	7.1
	Heating		5.0	8.0	5.0	8.0
Power consumption	Cooling	W	40-40	90-90	40-40	90-90
	Heating					
Sound power level ¹	Cooling	dB(A)	52	60	60	61
	Heating					
Sound pressure level ¹ (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	40/39/37/35	49/46/41/36	42/40/38/35	49/46/41/36
	Heating					
Exterior dimensions (HeightxWidthxDepth)	Unit	mm	220x1150x565			
	Panel		35x1250x650			
Net weight	Unit	kg	27	28	27	28
	Panel		5	5	5	5
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m ³ /min	13/12/11/9.5	17/15/12/10	13/12/11/9.5	17/15/12/10
	Heating					
Outside air intake			Possible			
Refrigerant piping size (Flare)	Liquid	mm (in)	ø6.35(1/4")	ø9.52(3/8")	ø6.35(1/4")	ø9.52(3/8")
	Gas		ø12.7(1/2")	ø15.88(5/8")	ø12.7(1/2")	ø15.88(5/8")
Panel (option)			TS-PSA-3AW-E			
Air filter, Q'ty			Pocket plastic net x 2(Washable)			

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.