



Ceiling Cassette -4way Compact FDTC **NEW**

Model No.

FDTC15KXZE1
FDTC22KXZE1
FDTC28KXZE1
FDTC36KXZE1
FDTC45KXZE1
FDTC56KXZE1



European design & Flat panel



Compact Design

□700 mm → □620 mm

A weight of only 14kg.
Height of thin panel and main body is only 248 mm allowing it to be a very easy installation.

Integrated ceiling system design

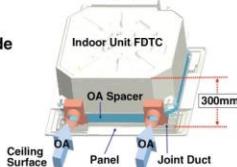


A grille designed with a unique structure and a clean white panel harmonize with interior. This design was invented by zweigrad GmbH & Co. KG in Germany.

Taking OA (Outside Air) into inside

Fresh air can be taken in without option parts. When it is insufficient, existing option parts also can be used.

OA Spacer TC-OAS-E2(option)
Joint Duct TC-OAD-E(option)



Draft Prevention Panel (Option)

Draft Prevention Panel prevents cold/hot draft being blown directly on the user. It is possible to set Draft Prevention Panel for each air outlet.



User can position Draft Prevention Panel panels by using the remote controller only (RC-EX3A, RCN-TC-5AW-E2).

Individual flap control system

According to room temperature conditions, four directions of air flow can be controlled individually by following Flap control system. Individual flap control is available even after installation.



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

*The wireless remote control is not applicable to the Individual flap control system.



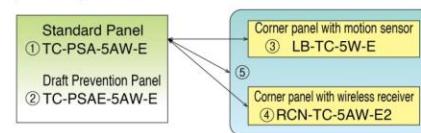
Motion Sensor (Option)

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



Panel select pattern (Option)

8 patterns of panel are available. Please refer to P69.



850mm Drain Pump

Drain can be discharged upward by 850 mm 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	Model	FDT15KXZE1	FDT22KXZE1	FDT28KXZE1	FDT36KXZE1	FDT45KXZE1	FDT56KXZE1
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							
Power consumption	Cooling Heating	0.03-0.03 0.03-0.03	0.03-0.03	0.04-0.04 0.04-0.04	0.05-0.05 0.05-0.05	0.06-0.06 0.06-0.06	
Sound power level	dB(A)	Cooling:47 Heating:46	49	Cooling:54 Heating:53	Cooling:58 Heating:57	60	
Sound pressure level	Cooling Heating	P-Hi:33 Hi:30 Me:28 Lo:25 P-Hi:33 Hi:30 Me:26 Lo:22	P-Hi:35 Hi:32 Me:29 Lo:25 P-Hi:35 Hi:32 Me:29 Lo:25	P-Hi:39 Hi:36 Me:31 Lo:26 P-Hi:43 Hi:39 Me:36 Lo:28 P-Hi:43 Hi:39 Me:39 Lo:31 P-Hi:39 Hi:36 Me:31 Lo:26 P-Hi:43 Hi:39 Me:36 Lo:28 P-Hi:47 Hi:43 Me:39 Lo:31			
Exterior dimensions	H x W x D	mm	Unit:248x570x570 Panel:10x620x620				
Net weight	kg	Unit:12.5 Standard Panel:2.5	Unit:13 Standard Panel:2.5	Unit:14 Standard Panel:2.5			
Air flow	Cooling n³/min	P-Hi:8 Hi:7 Me:6 Lo:5	P-Hi:9 Hi:8 Me:7 Lo:6	P-Hi:10 Hi:9 Me:8 Lo:6	P-Hi:12 Hi:10 Me:9 Lo:7	P-Hi:14 Hi:12 Me:10 Lo:8	
Heating	P-Hi:8 Hi:7 Me:6 Lo:5	P-Hi:9 Hi:8 Me:7 Lo:6	P-Hi:10 Hi:9 Me:8 Lo:6	P-Hi:12 Hi:10 Me:9 Lo:7	P-Hi:14 Hi:12 Me:10 Lo:8		
Outside air intake			Possible				
Panel		TC-PSA-5AW-E, TC-PSAE-5AW-E					
Air filter, Q'ty		Pocket Plastic net x1 (Washable)					
Remote control(option)		wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-TC-5AW-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")		

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.

