Ceiling Cassette -4way-

FDT New!

FDT28-160

Black Panel

Draft Prevention Panel
(Option)

*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-T-5BW-E2(White)
RCN-T-5BB-E2(Black)

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

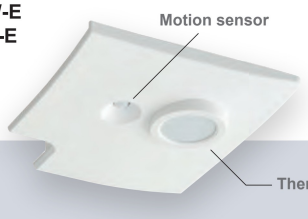
Panel select pattern (option)

			Sensor		Receiver	Interface
			Thermal sensor kit LC-T-5CW(B)-E	Motion sensor kit LB-T-5BW(B)-E	Wireless receiver kit RCN-T-5BW(B)-E2	Wireless LAN interface WF-PAC-E
KXZE3-W	Standard Panel	T-PSA-5CW(B)-E	●	●	●	●
	Draft Prevention Panel	T-PSAE-5CW(B)-E				
KXZE1	Standard Panel	T-PSA-5BW(B)-E	–	●	●	–
	Draft Prevention Panel	T-PSAE-5BW(B)-E				

Automatic anti-draft control (option)

Thermal sensor kit

LC-T-5CW-E
LC-T-5CB-E



1. Automatic anti-draft control

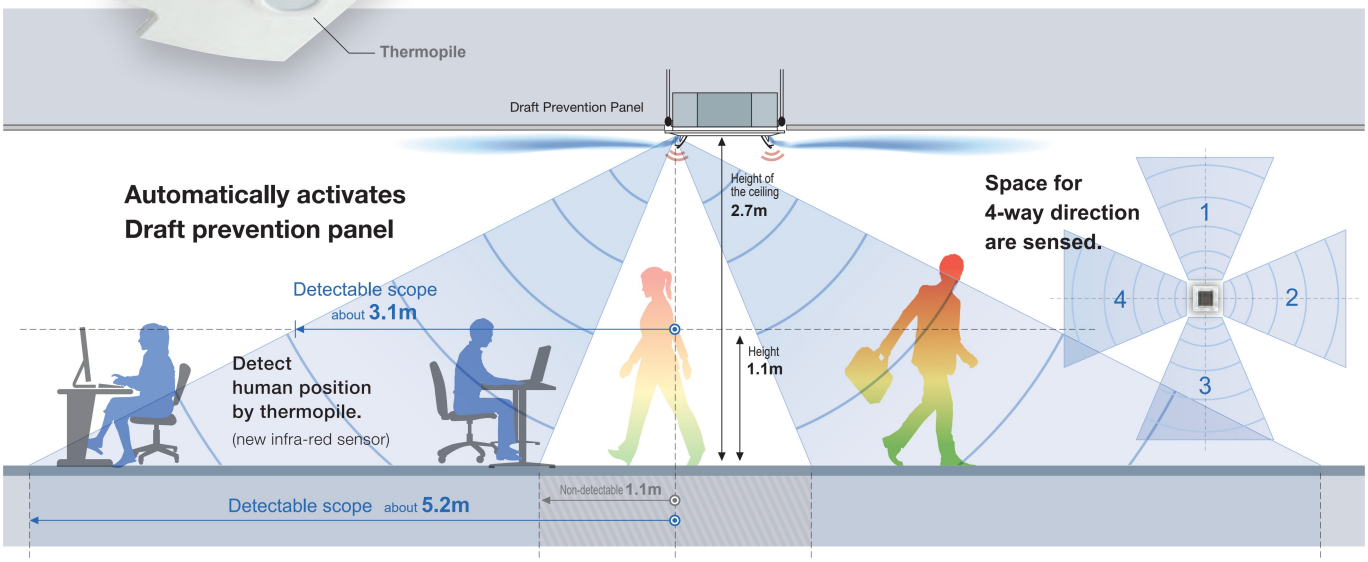
Automatically activates the louvers when the room temperature is hotter or colder than the set temperature. After detecting the room temperature at the set temperature, the draft prevention panel is activated.

2. Direct flow control

The louvers are controlled to blow towards human position.

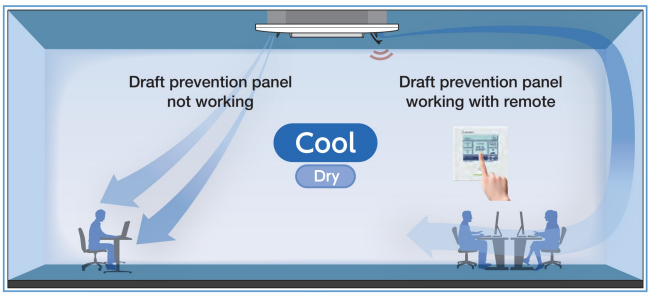
3. Draft less control

Draft prevention panel is activated based on human position



Draft Prevention Panel (option)

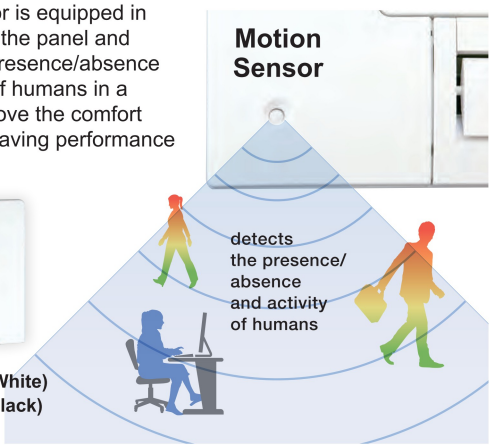
This prevents cold/hot draft being blown directly on the user. It is possible to set Draft Prevention Panel for each air outlet.



User can position panels by using the remote controller (RC-EX3D, Wireless kit) only when Draft Prevention Panel is available.

Motion Sensor (option)

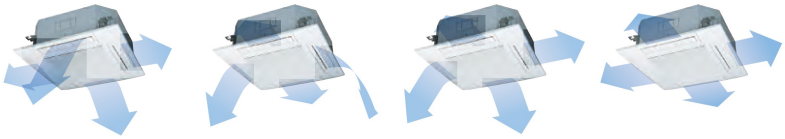
Motion sensor is equipped in the corner of the panel and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.



LB-T-5BW-E(White)
LB-T-5BB-E(Black)

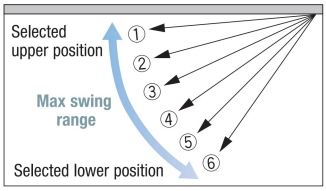
Individual flap control system

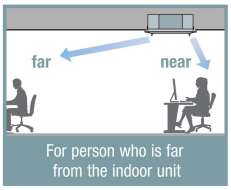
According to room conditions, four directions of air flow can be controlled individually by utilizing the flap control system. Individual flap control is available even after installation.



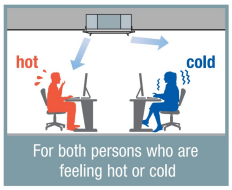
Flap can swing within an upper and lower flap range position that can be selected with a wired remote control.

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

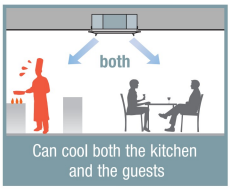




For person who is far from the indoor unit



For both persons who are feeling hot or cold



Can cool both the kitchen and the guests

Power consumption decreased by new technologies

1. Adopting new impeller and flow path.

New designed impeller

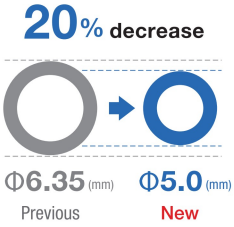
improves the aerodynamic performance of the unit.

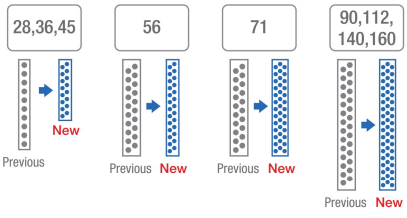
New designed component has better aerodynamic performance and achieve lower noise.

2. Φ5.0 heat exchanger tubes is adopted to improve the performance.

Slimmer heat exchanger

and a dense copper piping.





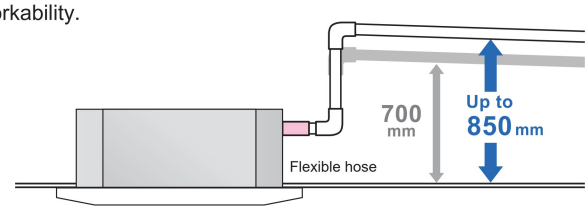
Wireless Control System Now available in our FDT series

Control your air-conditioner from anywhere, anytime. If you turn on the air-conditioner when you're on the go, you'll be comfortable when you get to the office. Even if you forget to turn it off, you can turn it off when you are out and about.

WF-PAC-E

850mm Drain Pump

Drain can be discharged upwards up to 850mm from the ceiling surface, allowing a piping layout with a high degree of freedom. Thanks to the 185mm flexible hose, equipment supports easy workability.



SPECIFICATIONS

Indoor unit	FDT		28KXZE3-W	36KXZE3-W	45KXZE3-W	56KXZE3-W	71KXZE3-W	90KXZE3-W	112KXZE3-W	140KXZE3-W	160KXZE3-W
Power source			1 Phase 220-240V, 50Hz								
Nominal capacity	Cooling	kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
	Heating		3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power consumption	Cooling	W	40-40			70-70	80-80	130-130			
	Heating										
Sound power level*1	Cooling	dB(A)	55			60	62	65			
	Heating										
Sound pressure level*1 (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	40/31/30/28	40/34/30/28	40/34/31/28	45/34/31/29	47/35/32/28	49/38/36/31	49/39/37/31	49/42/39/32	49/42/40/33
	Heating		40/31/26/23	40/33/26/23	40/33/30/23						
Exterior dimensions (HeightxWidthxDepth)	Unit	mm	236x840x840					298x840x840			
	Panel		35x950x950					35x950x950			
Net weight	Unit	kg	21			22	24	28			
	Panel		Standard panel : 5, Draft prevention panel : 6								
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m^3/min	19/12/10/9	19/14/10/9	19/14/12/9	25/15/13/11	28/16/14/12	37/24/21/16	37/24/22/16	37/27/24/17	37/28/25/18
	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)			White : T-PSA-5CW-E, T-PSAE-5CW-E Black : T-PSA-5CB-E, T-PSAE-5CB-E								
Air filter, Q'ty			Pocket plastic net x 1(Washable)								

Indoor unit	FDT		28KXZE1	36KXZE1	45KXZE1	56KXZE1	71KXZE1	90KXZE1	112KXZE1	140KXZE1	160KXZE1
Power source			1 Phase 220-240V, 50Hz								
Nominal capacity	Cooling	kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
	Heating		3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power consumption	Cooling	W	40-40			70-70	80-80	130-130	140-140		
	Heating										
Sound power level*1	Cooling	dB(A)	55			60	62	65		66	
	Heating										
Sound pressure level*1 (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	38/33/30/28		38/33/31/29	44/33/31/29	47/35/32/28	49/38/36/31	49/39/37/31	49/42/39/32	49/42/39/33
	Heating										
Exterior dimensions (HeightxWidthxDepth)	Unit	mm	236x840x840					298x840x840			
	Panel		35x950x950					35x950x950			
Net weight	Unit	kg	20			21.5		25			
	Panel		Standard panel : 5, Draft prevention panel : 6								
Air flow (P-Hi/Hi/Me/Lo)	Cooling	m^3/min	20/14/12/10	20/14/12/10	20/15/13/10	26/16/13/11	28/17/14/12	37/25/22/15	38/26/23/17	38/28/25/18	38/29/26/19
	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)			White : T-PSA-5BW-E, T-PSAE-5BW-E Black : T-PSA-5BB-E, T-PSAE-5BB-E								
Air filter, Q'ty			Pocket plastic net x 1(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