

**INDOOR UNITS**

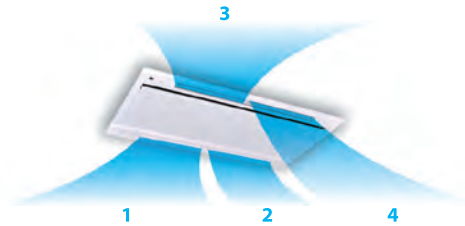
# 2-WAY CASSETTE



■ **7 capacities**  
(2.80~14.00 kW)

- Can be fully built in to the false ceiling, enabling uniform air distribution in environments with a rectangular perimeter
- Panels: TW-PSA-26W-E (Models FDTW 28/45/56/71 KXE6F); TW-PSA-46W-E (Models FDTW 90/112/140 KXE6F)
- "Human sensor": LB-TW-6W

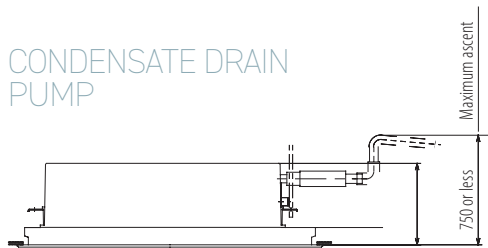
FDTW 28~140 KXE6F



INDIVIDUAL CONTROL OF AIR OUTLET FLAPS

The new design of the flaps ensures uniform, wide-ranging air distribution throughout the area to be conditioned. The enlargement of the delivery vents has significantly reduced the load on the fan motor, resulting in increased energy efficiency.

CONDENSATE DRAIN PUMP



Model	FDTW 28 KXE6F	FDTW 45 KXE6F	FDTW 56 KXE6F	FDTW 71 KXE6F	FDTW 90 KXE6F	FDTW 112 KXE6F	FDTW 140 KXE6F
Panel (Optional)	TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-46W-E	TW-PSA-46W-E	TW-PSA-46W-E
Rated capacity (Cooling)	kW 2.80	4.50	5.60	7.10	9.00	11.20	14.00
Rated capacity (Heating)	kW 3.20	5.00	6.30	8.00	10.00	12.50	16.00
Power supply	220-240V~ 50Hz						
Power input (Cooling)	kW 0.09 - 0.09	0.10 - 0.10	0.10 - 0.10	0.14 - 0.14	0.19 - 0.19	0.19 - 0.19	0.19 - 0.19
Power input (Heating)	kW 0.09 - 0.09	0.10 - 0.10	0.10 - 0.10	0.14 - 0.14	0.19 - 0.19	0.19 - 0.19	0.19 - 0.19
Rated current (Cooling)	A 0.45 - 0.45	0.55 - 0.55	0.55 - 0.55	0.75 - 0.75	1.00 - 1.00	1.00 - 1.00	1.00 - 1.00
Rated current (Heating)	A 0.45 - 0.45	0.55 - 0.55	0.55 - 0.55	0.75 - 0.75	1.00 - 1.00	1.00 - 1.00	1.00 - 1.00
Sound pressure level	dB(A) Hi 38 Me 34 Lo 31	Hi 38 Me 34 Lo 31	Hi 38 Me 34 Lo 31	Hi 38 Me 34 Lo 31	Hi 45 Me 41 Lo 37	Hi 45 Me 41 Lo 37	Hi 45 Me 41 Lo 37
Sound power level	dB(A) 58	58	58	58	65	65	65
External dimensions (HxLxD)	Unit 325x820x620 Panel 20x1120x680			Unit 325x1535x620 Panel 20x1835x680			
External appearance	Chalk white						
Munsell color	(6.8Y8.9 / 0.2) similar						
Net weight	kg Unit 20 Panel 8.5	Unit 21 Panel 8.5		Unit 23 Panel 8.5		Unit 35 Panel 13	
Refrigerant circuit/Heat exchanger	Finned and internally grooved pipes						
Refrigerant control	Electronic expansion valve						
Air treatment/fan type & quantity	Turbo fan x 1					Turbo fan x 2	
Motor	W 30	35	35	40	35 x 2		
Starting method	Direct in line						
Air flow (standard)	m³/h Hi 720 Me 600 Lo 540					Hi 1620 Me 1380 Lo 1200	
Static pressure	Pa 0						
Fresh air inlet	Possible						
Air filter & quantity	Plastic mesh filter x 1 (washable)						
Shock & vibration absorption	Rubber vibration absorber (for fan motor)						
Thermal & acoustic insulation	Polyurethane foam						
Control devices	Wired control RC-E5 Optional; RCH-E3 Optional; RCN-TW-E2 Optional; RC-EX3 Optional						
Ambient temperature control	Electronically-controlled thermostat						
Safety devices	Overvoltage protection for the fan motor Anti-frost protection thermostat						
Refrigerant pipings' diameter	mm (in)	Liquid side Ø6.35 (1/4") Gas side Ø9.52 (3/8")			Liquid side Ø9.52 (3/8") Gas side Ø15.88 (5/8")		
Joining method	flare						
Refrigerant	R410A						
Drain pump	Built-in						
Condensate drain	Can be connected with VP25						
Piping insulation	Necessary (on both sides, Liquid & Gas)						
Accessories	Assembly kit						