

INDOOR UNITS

2-WAY CASSETTE

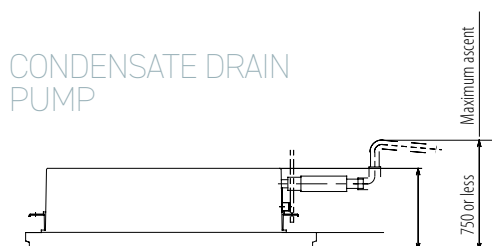


7 capacities (2.80~14.00 kW)

- 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

CONDENSATE DRAIN PUMP



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.

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)	mm	Unit 325 x 820 x 620				Unit 325 x 1.535 x 620		
		Panel 20 x 1.120 x 680				Panel 20 x 1.835 x 680		
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)	m³h	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 sleeve (for fan motor)						
Thermal & acoustic insulation		Polyurethane foam						
Control devices		Optional Wired control RC-E5; optional RCH-E3; optional RCN-TW-E2; optional RC-EX3						
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")				Liquid side Ø9.52 (3/8")		
		Gas side Ø9.52 (3/8")	Gas side Ø12.7 (1/2")			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						