

Indoor units

2-WAY CASSETTE

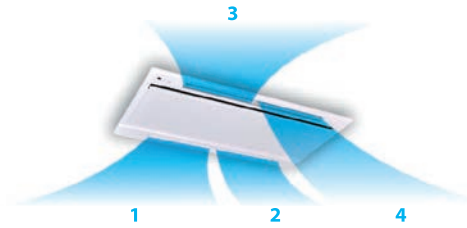
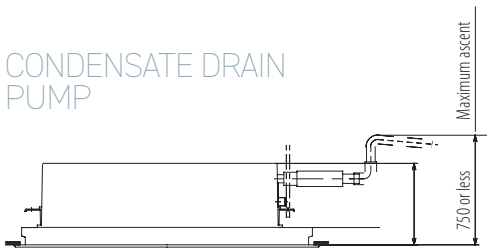


■ 7 power sizes (2.80~14.00 kW)

- 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 LOUVRES

The new design of the louvres 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 28KXE6F	FDTW 45KXE6F	FDTW 56KXE6F	FDTW 71KXE6F	FDTW 90KXE6F	FDTW 112KXE6F	FDTW 140KXE6F	
Panel (optional)		TW-PSA-26W-E				TW-PSA-46W-E			
Nominal Cool. capacity	kW	2.80	4.50	5.60	7.10	9.00	11.20	14.00	
Nominal Heat. capacity	kW	3.20	5.00	6.30	8.00	10.00	12.50	16.00	
Power		220-240V~50Hz							
Cool. power consumption	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	
Heat. power consumption	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 in Cool.	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 in Heat.	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 Mi 34 Lo 31				Hi 45 Mi 41 Lo 37			
Sound power level	dB(A)	58				65			
External dimensions (HxLxD)		Unit 325x820x620 Panel 20x1120x680				Unit 325x1535x620 Panel 20x1835x680			
Exterior appearance		Chalk white							
Munsell colour		(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		Pipes finned and grooved internally							
Refrigerant control		Electronic expansion valve							
Air treatment/fan type and quantity		Turbo fan x 1							
Motor	W	30	35		40	35 x 2			
Starting method		Direct, in line							
Air flow (standard)	m ³ /h	Hi 720 Mi 600 Lo 540				Hi 1620 Mi 1380 Lo 1200			
Static pressure	Pa	0							
Renewal air inlet		Possible							
Air filter and quantity		Plastic mesh filter x 1 (washable)					Plastic mesh filter x 1 (washable)		
Shock and vibration absorption		Rubber sleeve (for fan motor)							
Thermal and acoustic insulation		Polyurethane foam							
Control devices		Optional wired remote control RC-E5, optional RCH-E3, optional RCN-TW-E2, optional RC-EX3A							
Ambient temperature control		Electronically-controlled thermostat							
Safety devices		Overvoltage protection for the fan motor Anti-frost protection thermostat							
Diameter refrigerant pipes		Liquid side: ø 6.35 (1/4")					Liquid side: ø 9.52 (3/8")		
	mm (inch.)	Gas side: ø 9.52 (3/8")	Gas side: ø 12.7 (1/2")					Gas side: ø 15.88 (5/8")	
Joining method		by flare fittings							
Refrigerant		R410A							
Drain pump		Built-in							
Condensate drain		Connectable with VP25							
Piping insulation		Necessary (on both sides, liquid and gas)							
Accessories		Assembly kit							
Wi-Fi module		INWFIMH001R000							