

INDOOR UNITS

1-WAY CASSETTE



■ 2 capacities (4.50 and 7.10 kW)

- Can be mounted on the ceiling with a suspended unit or built into the false ceiling
- Maximum compactness: only 22 cm high, ideal for installations in environments with low false ceilings
- Wide air flow, ideal for environments with very high ceilings
- Possibility to connect air renewal ducts
- Panel: TS-PSA-3AW-E
- "Human sensor": LB-KIT2

FDTS 45-71KXE6F

ULTRA-COMPACT MODEL



Ultra-compact design: its height of only 22 cm and weight of 27/28 kg guarantee easy and quick installation.

INDIVIDUAL CONTROL OF AIR OUTLET FLAPS



The new design of the louvers 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		FDTS 45 KXE6F	FDTS 71 KXE6F
Panel (optional)		TS-PSA-3AW-E	TS-PSA-3AW-E
Rated capacity (Cooling)	kW	4.50	7.10
Rated capacity (Heating)	kW	5.00	8.00
Power supply		220-240V ~ 50Hz	
Power input (Cooling)	kW	0.04 - 0.04	0.09 - 0.09
Power input (Heating)	kW	0.04 - 0.04	0.09 - 0.09
Rated current (Cooling)	A	0.27 - 0.25	0.60 - 0.55
Rated current (Heating)	A	0.27 - 0.25	0.60 - 0.55
Sound pressure level	dB(A)	Hi 40 Me 38 Lo 35	Hi 44 Me 41 Lo 36
Sound power level	dB(A)	60	61
External dimensions (HxLxD)	mm	Unit 220 x 1.150 x 565 Panel 35 x 1.250 x 650	
External appearance		Chalk white	
Munsell color		(6.8Y8.9 / 0.2) similar	
Net weight	kg	unit 27 Panel 5	Unit 28 Panel 5
Refrigerant circuit/Heat exchanger		Finned and internally grooved pipes	
Refrigerant control		Electronic expansion valve	
Air treatment/fan type & quantity		Centrifugal fan x 4	
Motor	W	35	70
Starting method		Direct, in line	Direct, in line
Air flow (standard)	m ³ /h	Hi 720 Me 660 Lo 570	Hi 900 Me 720 Lo 600
Static pressure	Pa	0	
Fresh air inlet		Possible	
Filtro aria e quantità		Plastic mesh filter x 2 (washable)	Plastic mesh filter x 3 (washable)
Shock & vibration absorption		Rubber vibration absorber (for fan motor)	
Thermal & acoustic insulation		Polyurethane foam	
Control devices		Optional Wired control RC-E5; optional RCH-E3; optional RCN-TS-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") Gas side Ø12.7 (1/2")	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	