

INDOOR UNITS

CEILING



■ 6 capacities

(3.60~14.0 kW)

- Ideal for very large environments, thanks to the particularly wide air flow
- Maximum compactness: only 21 cm high (3.60 to 7.10 kW models)
- Quick and easy installation, thanks to a net weight of only 28 kg (3.60 to 5.60 kW models)
- Reception kit for RCN-E-E2 infrared remote control (optional)
- "Human sensor": LB-E

FDE 36~140 KXZE1

FLEXIBLE PIPE ORIENTATION

Maximum flexibility: the refrigerant piping can be attached in 3 different positions (rear, top, right), as can that of the condensate drain (left, right).



Model		FDE 36 KXZE1	FDE 45 KXZE1	FDE 56 KXZE1	FDE 71 KXZE1	FDE 112 KXZE1	FDE 140 KXZE1
Rated capacity (Cooling)	kW	3.60	4.50	5.60	7.00	11.20	14.00
Rated capacity (Heating)	kW	4.00	5.00	6.30	8.00	12.50	16.00
Power supply		220-240V ~ 50Hz					
Power input (Cooling)	kW	0.05 - 0.06	0.05 - 0.06	0.05 - 0.06	0.10 - 0.11	0.14 - 0.16	0.16 - 0.18
Power input (Heating)	kW	0.05 - 0.06	0.05 - 0.06	0.05 - 0.06	0.09 - 0.10	0.13 - 0.15	0.15 - 0.17
Rated current (Cooling)	A	0.25 - 0.26	0.25 - 0.26	0.25 - 0.26	0.46 - 0.48	0.65 - 0.67	0.77 - 0.78
Rated current (Heating)	A	0.23 - 0.25	0.23 - 0.25	0.23 - 0.25	0.42 - 0.44	0.59 - 0.63	0.70 - 0.72
Sound pressure level	dB(A)	Hi 39 Me 38 Lo 36			Hi 41 Me 39 Lo 37	Hi 44 Me 41 Lo 39	Hi 46 Me 44 Lo 43
Sound power level	dB(A)	60			62	61	64
External dimensions (HxLxD)	mm	210 x 1.070 x 690			210 x 1.320 x 690	250 x 1.620 x 690	
External appearance		Chalk white					
Munsell color		(6.8Y8.9 / 0.2) similar					
Net weight	kg	28			37	49	
Refrigerant circuit/Heat exchanger		Finned and internally grooved pipes					
Refrigerant control		Electronic expansion valve					
Air treatment/fan type & quantity		Centrifugal fan x 2			Centrifugal fan x 4		
Motor	W	25			20 x 2	30 x 2	40 x 2
Starting method		Direct in line					
Air flow (standard)	m³/h	Hi 600 Me 540 Lo 420			Hi 960 Me 840 Lo 720	Hi 1560 Me 1380 Lo 1260	Hi 1740 Me 1560 Lo 1380
Static pressure	Pa	0					
Fresh air inlet		Not possible					
Air filter & quantity		Plastic mesh filter x 2 (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-E-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					
Condensate drain		Can be connected with VP20					
Piping insulation		Necessary (on both sides. Liquid & Gas)					
Accessories		Assembly kit					