

Indoor units

CEILING

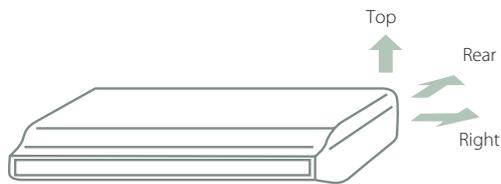


- **6 power sizes**
(3.60~14.0 kW)
- Ideal for very large environments, thanks to the particularly wide air flow
- Maximum compactness: only 21 cm high (3.60 to 7.10 kW models)
- Quick and easy installation, thanks to a net weight of only 28 kg (3.60 to 5.60 kW models)
- Reception kit for RCN-E-E2 infrared 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 36KXZE1	FDE 45KXZE1	FDE 56KXZE1	FDE 71KXZE1	FDE 112KXZE1	FDE 140KXZE1	
Nominal Cool. capacity	kW	3.60	4.50	5.60	7.10	11.20	14.00	
Nominal Heat. capacity	kW	4.00	5.00	6.30	8.00	12.50	16.00	
Power		220-240V~50Hz						
Cool. power consumption	kW	0.05 - 0.06	0.05 - 0.05	0.05 - 0.05	0.07 - 0.07	0.10 - 0.10	0.13 - 0.13	
Heat. power consumption	kW	0.05 - 0.06	0.05 - 0.05	0.05 - 0.05	0.07 - 0.07	0.10 - 0.10	0.13 - 0.13	
Rated current in Cool.	A	0.45 - 0.45	0.45 - 0.45	0.45 - 0.45	0.65 - 0.65	0.90 - 0.90	1.20 - 1.20	
Rated current in Heat.	A	0.45 - 0.45	0.45 - 0.45	0.45 - 0.45	0.65 - 0.65	0.90 - 0.90	1.20 - 1.20	
Sound pressure level	dB(A)	Hi 38 Mi 31 Lo 26	Hi 38 Mi 36 Lo 31	Hi 38 Mi 36 Lo 31	Hi 39 Mi 37 Lo 32	Hi 42 Mi 38 Lo 34	Hi 43 Mi 40 Lo 35	
Sound power level	dB(A)	60	60	60	62			
External dimensions (HxLxD)	mm	210x1070x690	210x1070x690	210x1070x690	210x1320x690	250x1620x690	250x1620x690	
Exterior appearance		Chalk white						
Munsell colour		(6.8Y8.9 / 0.2) similar						
Net weight	kg	28	28	28	37	49	49	
Refrigerant circuit/Heat exchanger		Pipes finned and grooved internally						
Refrigerant control		Electronic expansion valve						
Air treatment/fan type and quantity		Centrifugal fan x 2			Centrifugal fan x 4			
Motor	W	30	30	30	50	65	80	
Starting method		Direct, in line						
Air flow (standard)	m ³ /h	Hi 600 Mi 540 Lo 420	Hi 600 Mi 540 Lo 420	Hi 600 Mi 540 Lo 420	Hi 960 Mi 840 Lo 720	Hi 1560 Mi 1380 Lo 1260	Hi 1740 Mi 1560 Lo 1380	
Static pressure	Pa	0						
Renewal air inlet		Not possible						
Air filter and quantity		Plastic mesh filter x 2 (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-E-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	mm (inch)	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		by flare fittings						
Refrigerant		R410A						
Condensate drain		Connectable with VP20						
Piping insulation		Necessary (on both sides, liquid and gas)						
Accessories		Assembly kit						
Wi-Fi module		INWFIMH001R000						