

Indoor units

HIGH ADJUSTABLE HEAD DUCTED



FDU 45~160 KXE6F

FDU 224~280 KXZE1

■ 9 power sizes

(4.50~28.00 kW)

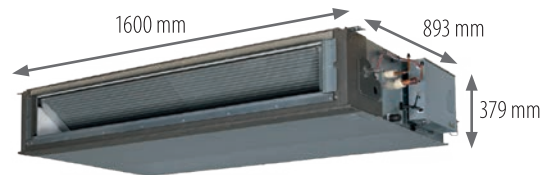
- Units with rear recovery
- 100~200 Pa head for models from 4.50 to 16.00 kW and only 200 Pa for models from 22.40 to 28.00 kW
- Maximum compactness: only 28 cm (models from 4.50 to 16.00 kW) and 37.9 cm high (22.40 and 28.00 kW models)
- Integrated condensate drain pump for models from 4.50 to 16.00 kW
- "Human sensor": LB-KIT2

COMPACT SIZE

280 mm



Models from 4.50 to 16.00 kW



Models from 22.40 to 28.00 kW

Model		FDU 45KXE6F	FDU 56KXE6F	FDU 71KXE6F	FDU 90KXE6F	FDU 112KXE6F	FDU 140KXE6F	FDU 160KXE6F	FDU 224KXZE1	FDU 280KXZE1	
Nominal Cool. capacity	kW	4.50	5.60	7.10	9.00	11.20	14.00	16.00	22.40	28.00	
Nominal Heat. capacity	kW	5.00	6.30	8.00	10.00	12.50	16.00	18.00	25.00	31.50	
Power		220-240V~50Hz									
Cool. power consumption	kW	0.10 - 0.10	0.10 - 0.10	0.24 - 0.25	0.24 - 0.25	0.31 - 0.32	0.35 - 0.36	0.42 - 0.43	1.16 - 1.20	1.16 - 1.20	
Heat. power consumption	kW	0.10 - 0.10	0.10 - 0.10	0.24 - 0.25	0.24 - 0.25	0.31 - 0.32	0.35 - 0.36	0.42 - 0.43	1.16 - 1.20	1.16 - 1.20	
Rated current in Cool.	A	0.63 - 0.58	0.63 - 0.58	1.80 - 1.70	1.80 - 1.70	2.00 - 2.00	2.30 - 2.20	2.70 - 2.50	6.8 - 6.5	6.8 - 6.5	
Rated current in Heat.	A	0.63 - 0.58	0.63 - 0.58	1.80 - 1.70	1.80 - 1.70	2.00 - 2.00	2.30 - 2.20	2.70 - 2.50	6.8 - 6.5	6.8 - 6.5	
Sound pressure level	dB(A)	Hi 32 Mi 29 Lo 26	Hi 32 Mi 29 Lo 26	Hi 33 Mi 29 Lo 25	Hi 33 Mi 29 Lo 25	Hi 38 Mi 36 Lo 30	Hi 40 Mi 34 Lo 29	Hi 40 Mi 35 Lo 30	P-Hi 52 Hi 50 Mi 47 Lo 35		
Sound power level	dB(A)	60	60	65	65				75	75	
External dimensions (HxLxD)	mm	280x750x635	280x750x635	280x950x635	280x950x635	280x1370x740	280x1370x740	280x1370x740	379x1600x893	379x1600x893	
Net weight	kg	29	29	34	34	54	54	54	89	89	
Refrigerant circuit/Heat exchanger		Pipes finned and grooved internally									
Refrigerant control		Electronic expansion valve									
Air treatment/fan type and quantity		Centrifugal fan x 1		Centrifugal fan x 2		Centrifugal fan x 3					
Motor	W	100	100	130	130	100 + 130	100 + 200	100 + 200	130 + 350	130 + 350	
Starting method		Direct, in line									
Air flow (standard)	m ³ /h	Hi 600 Mi 540 Lo 480		Hi 1140 Mi 900 Lo 600		Hi 1680 Mi 1500 Lo 1140	Hi 1920 Mi 1560 Lo 1200	Hi 2100 Mi 1680 Lo 1320	P-Hi 4800 Hi 4320 Mi 3840 Lo 3360		
Static pressure	Pa	Standard 100 Max 200									
Renewal air inlet		Possible									
Air filter and quantity		To be found locally									
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-KIT4-E2, optional RC-EX3A, optional RC-EXZ3A									
Ambient temperature control		Electronically-controlled thermostat									
Safety devices		Overvoltage protection for the fan motor Anti-frost protection thermostat									
Diameter refrigerant pipes	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")				Gas side ø19.05 (3/4") Gas side ø22.2 (7/8")			
Joining method		by flare fittings							by blazing		
Refrigerant		R410A									
Drain pump		Built-in							-		
Condensate drain		Connectable with VP25									
Piping insulation		Necessary (on both sides, liquid and gas)									
Accessories		-									
Wi-Fi module		INWFIMHI001R000									