

INDOOR UNITS

DUCTED HIGH STATIC
PRESSURE ADJUSTABLEWiFi
optional

FDU 45~160 KXE6F

FDU 224~280 KXZE1

280 mm

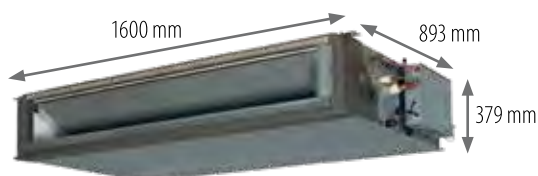


Models from 4.50 to 16.00 kW

1600 mm

893 mm

379 mm



Models from 22.40 to 28.00 kW

Model		FDU 45 KXE6F	FDU 56 KXE6F	FDU 71 KXE6F	FDU 90 KXE6F	FDU 112 KXE6F	FDU 140 KXE6F	FDU 160 KXE6F	FDU 224 KXZE1	FDU 280 KXZE1	
Rated capacity (Cooling)	kW	4.50	5.60	7.10	9.00	11.20	14.00	16.00	22.40	28.00	
Rated capacity (Heating)	kW	5.00	6.30	8.00	10.00	12.50	16.00	18.00	25.00	31.50	
Power supply		220-240V~ 50Hz									
Power input (Cooling)	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	
Power input (Heating)	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 (Cooling)	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	6.80 - 6.50	6.80 - 6.50	
Rated current (Heating)	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	6.80 - 6.50	6.80 - 6.50	
Sound pressure level	dB(A)	Hi 32 Med 29 Lo 26		Hi 33 Med 29 Lo 25		Hi 38 Med 36 Lo 30	Hi 40 Med 34 Lo 29	Hi 40 Med 35 Lo 30	P-Hi 52 Hi 50 Med 47 Lo 35		
Sound power level	dB(A)	60		65		71	72	74	75		
External dimensions (HxLxD)	mm	280 x750 x 635		280 x950 x 635		280 x1,370 x 740			379 x 1,600 x 893		
Net weight	kg	29		34		54			89		
Refrigerant circuit/Heat exchanger		Finned and internally grooved pipes									
Refrigerant control		Electronic expansion valve									
Air treatment/fan type & quantity		Centrifugal fan x 1									
Motor	W	100		130		100 + 130		100 + 200		130 + 350	
Starting method		Direct. in line									
Air flow (standard)	m³h	Hi 600 Med 540 Lo 480		Hi 1140 Med 900 Lo 600		Hi 1680 Med 1500 Lo 1140	Hi 1920 Med 1560 Lo 1200	Hi 2100 Med 1680 Lo 1320	P-Hi 4800 Hi 4320 Med 3840 Lo 3360		
Static pressure	Pa	Standard 100 Max 200								Max 200	
Fresh air inlet		Possible									
Air filter & quantity		To be found locally									
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-KIT4-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")							Gas side Ø19.05 (3/4") Gas side Ø22.2 (7/8")
Joining method		Flare								To weld	
Refrigerant		R410A									
Drain pump		Built-in								-	
Condensate drain		Can be connected with VP25									
Piping insulation		Necessary (on both sides. Liquid & Gas)									
Accessories		-									