

INDOOR UNITS

DUCTED MEDIUM AND LOW STATIC PRESSURE ADJUSTABLE



■ 10 capacities

(2.20~16.00 kW)

- Ultra-compact design: only 28 cm in height
- Optional filter kit UM-FL1EF (FDUM 22~56 KXE6F), UM-FL2EF (FDUM 71~90 KXE6F), UM-FL3EF (FDUM 112~160 KXE6F)
- ESP function: automatic maintenance of the air flow rate as flow resistance varies
- "Human sensor": LB-KIT2

FDUM 22~160 KXE6F

COMPACT SIZE

280 mm



For all models

Model		FDUM 22 KXE6F	FDUM 28 KXE6F	FDUM 36 KXE6F	FDUM 45 KXE6F	FDUM 56 KXE6F	FDUM 71 KXE6F	FDUM 90 KXE6F	FDUM 112 KXE6F	FDUM 140 KXE6F	FDUM 160 KXE6F		
Rated capacity (Cooling)	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00		
Rated capacity (Heating)	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00		
Power supply		220-240V~50Hz											
Power input (Cooling)	kW	0.10 - 0.10	0.10 - 0.10	0.10 - 0.10	0.10 - 0.10	0.10 - 0.10	0.20 - 0.20	0.20 - 0.20	0.29 - 0.29	0.33 - 0.33	0.33 - 0.33		
Power input (Heating)	kW	0.10 - 0.10	0.10 - 0.10	0.10 - 0.10	0.10 - 0.10	0.10 - 0.10	0.20 - 0.20	0.20 - 0.20	0.29 - 0.29	0.33 - 0.33	0.33 - 0.33		
Rated current (Cooling)	A	0.46 - 0.42	0.46 - 0.42	0.46 - 0.42	0.46 - 0.42	0.46 - 0.42	0.91 - 0.83	0.91 - 0.83	1.32 - 1.21	1.50 - 1.38	1.50 - 1.38		
Rated current (Heating)	A	0.46 - 0.42	0.46 - 0.42	0.46 - 0.42	0.46 - 0.42	0.46 - 0.42	0.91 - 0.83	0.91 - 0.83	1.32 - 1.21	1.50 - 1.38	1.50 - 1.38		
Sound pressure level	dB(A)	Hi 32 Me 29 Lo 26					Hi 33 Me 29 Lo 25			Hi 38 Me 36 Lo 30		Hi 40 Me 34 Lo 29	
Sound power level	dB(A)	60					64			71		72	
External dimensions (HxLxD)	mm	280 x 750 x 635					280 x 950 x 635		299 x 950 x 635		280 x 1.370 x 740		
Net weight	kg	29					34			54			
Refrigerant circuit/Heat exchanger		Finned and internally grooved pipes											
Refrigerant control		Electronic expansion valve											
Air treatment/fan type & quantity		Centrifugal fan x 2											
Motor	W	100	100	100	100	100	130	130	100 + 130	100 + 200	100 + 200		
Starting method		Direct, in line											
Air flow (standard)	m ³ /h	Hi 600 Me 540 Lo 480					Hi 1140 Me 900 Lo 600			Hi 1680 Me 1500 Lo 1140		Hi 1920 Me 1560 Lo 1200	
Static pressure	Pa	Max 100											
Fresh air inlet		Possible											
Air filter & quantity		Optional											
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")					Liquid side Ø9.52 (3/8")						
		Gas side: Ø9.52 (3/8")		Gas side: Ø12.7 (1/2")			Gas side Ø15.88 (5/8")						
Joining method		flare											
Refrigerant		R410A											
Drain pump		Built-in											
Condensate drain		Can be connecte with VP20 or VP25											
Piping insulation		Necessary (on both sides, Liquid & Gas)											
Accessories		UM-FL1EF (Optional)					UM-FL2EF (Optional)			UM-FL3EF (Optional)			