

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



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	280x750x635					280x950x635		280x1370x740			
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)	m³/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		Wired control RC-E5 Optional; RCH-E3 Optional; RCN-KIT4-E2 Optional; RC-EX3 Optional										
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 Ø15.88 (5/8")			
		Gas side: Ø9.52 (3/8")					Gas side: Ø12.7 (1/2")					
Joining method		flare										
Refrigerant		R410A										
Drain pump		Built-in										
Condensate drain		Can be connected with VP20 o VP25										
Piping insulation		Necessary (on both sides. Liquid & Gas)										
Accessories		UM-FL1EF (Optional)					UM-FL2EF (Optional)		UM-FL3EF(Optional)			