

# INDOOR UNITS

Ducted with adjustable medium and low head



## 10 power sizes

(2.20~16.00 kW)

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

FDUM 22~160KXE6F

## COMPACT SIZE

280 mm



For all models

Model		FDUM 22KXE6F	FDUM 28KXE6F	FDUM 36KXE6F	FDUM 45KXE6F	FDUM 56KXE6F	FDUM 71KXE6F	FDUM 90KXE6F	FDUM 112KXE6F	FDUM 140KXE6F	FDUM 160KXE6F	
Nominal Cool. capacity	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00	
Nominal Heat. capacity	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00	
Power		220-240V~50Hz										
Cool. power consumption	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	0.45 - 0.45	
Heat. power consumption	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	0.45 - 0.45	
Rated current in Cool.	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	2.05 - 1.85	
Rated current in Heat.	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	2.05 - 1.85	
Sound pressure level	dB(A)	Hi 32 Mi 29 Lo 26					Hi 33 Mi 29 Lo 25			Hi 38 Mi 36 Lo 30	Hi 40 Mi 34 Lo 29	Hi 40 Mi 34 Lo 29
Sound power level	dB(A)	60					64			-		
External dimensions (HxLxD)	mm	280x750x635					280x950x635			280x1370x740		
Net weight	kg	29					34			54		
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					130			100 + 130		100 + 200
Starting method		Direct, in line										
Air flow (standard)	m <sup>3</sup> /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
Static pressure	Pa	Max 100										
Renewal air inlet		Possible										
Air filter and quantity		Optional										
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 (inch)	Liquid side: ø 6.35 (1/4")					Liquid side: ø 9.52 (3/8")			Liquid side: ø 15.88 (5/8")		
		Gas side: ø 9.52 (3/8")		Gas side: ø 12.7 (1/2")			Gas side: ø 15.88 (5/8")					
Joining method		by flare fittings										
Refrigerant		R410A										
Drain pump		Built-in										
Condensate drain		Connectable with VP20 or VP25										
Piping insulation		Necessary (on both sides, liquid and gas)										
Accessories		UM-FL1EF (Optional)					UM-FL2EF (Optional)			UM-FL3EF (Optional)		
Wi-Fi module		INWFIMH1001R000										