

INDOOR UNITS

DUCTED HIGH STATIC PRESSURE ADJUSTABLE



WiFi optional

FDU 45~160 KXE6F

FDU 224~280 KXZE1

■ 9 capacities

(4.50~28.00 kW)

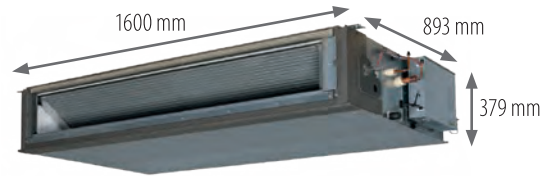
- Units with rear recovery
- Adjustable static pressure 100~200 Pa for the models from 4.50 to 16.00 kW and only 200 Pa for the models from 22.40 to 28.00 kW
- Maximum compactness: only 28 cm (models from 4.50 to 16.00 kW) and 37.9 cm high (22.40 and 28.00 kW models)
- Integrated condensate drain pump 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 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 35 Lo 30 | | P-Hi 52 Hi 50 Med 47 Lo 35 |
| Sound power level | dB(A) | 60 | | 65 | | 71 | | 72 | | 74 |
| External dimensions (HxLxD) | mm | 280 x 750 x 635 | | 280 x 950 x 635 | | 280 x 1,370 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) | m ³ /h | 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 | | - | | | | | | | | |