

## INDOOR UNITS

## FLOOR RECESSED



FDFU 28~71 KXE6F

## ■ 4 capacities

[2.80~7.10 kW]

- Maximum compactness: only 63 cm high and 22.5 cm deep

| Model                              |         | FDFU 28 KXE6F                                                                        | FDFU 45 KXE6F         | FDFU 56 KXE6F | FDFU 71 KXE6F            |
|------------------------------------|---------|--------------------------------------------------------------------------------------|-----------------------|---------------|--------------------------|
| Rated capacity (Cooling)           | kW      | 2.80                                                                                 | 4.50                  | 5.60          | 7.10                     |
| Rated capacity (Heating)           | kW      | 3.20                                                                                 | 5.00                  | 6.30          | 8.00                     |
| Power supply                       |         | 220-240V~ 50Hz                                                                       |                       |               |                          |
| Power input (Cooling)              | kW      | 0.09 - 0.10                                                                          | 0.09 - 0.10           | 0.09 - 0.10   | 0.09 - 0.10              |
| Power input (Heating)              | kW      | 0.09 - 0.10                                                                          | 0.09 - 0.10           | 0.09 - 0.10   | 0.09 - 0.10              |
| Rated current (Cooling)            | A       | 0.41 - 0.42                                                                          | 0.41 - 0.42           | 0.41 - 0.42   | 0.41 - 0.42              |
| Rated current (Heating)            | A       | 0.41 - 0.42                                                                          | 0.41 - 0.42           | 0.41 - 0.42   | 0.41 - 0.42              |
| Sound pressure level               | dB(A)   | Hi 41 Me 38 Lo 36                                                                    | Hi 43 Me 41 Lo 40     |               |                          |
| Sound power level                  | dB(A)   | 58                                                                                   | 60                    |               |                          |
| External dimensions (HxLxD)        | mm      | 630 x 1.077 x 225                                                                    |                       |               | 630 x 1.362 x 225        |
| Net weight                         | kg      | 25                                                                                   |                       |               | 32                       |
| 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       | 30                                                                                   | 40                    |               |                          |
| Starting method                    |         | Direct, in line                                                                      |                       |               |                          |
| Air flow (standard)                | m³h     | Hi 720 Me 660 Lo 600                                                                 | Hi 840 Me 720 Lo 600  |               | Hi 1080 Me 900 Lo 720    |
| Static pressure                    | Pa      | 0                                                                                    |                       |               |                          |
| Fresh air inlet                    |         | Not possible                                                                         |                       |               |                          |
| Air filter & quantity              |         | Propylene mesh filter x 1 (washable)                                                 |                       |               |                          |
| 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                                                                                |                       |               |                          |
| Condensate drain                   |         | Can be connected with VP20                                                           |                       |               |                          |
| Piping insulation                  |         | Necessary (on both sides, Liquid & Gas)                                              |                       |               |                          |
| Accessories                        |         | Assembly kit                                                                         |                       |               |                          |