



Indoor units

Ceiling Cassette -4way- FDT

Model No.

| | |
|------------|-------------|
| FDT28KXE6F | FDT90KXE6F |
| FDT36KXE6F | FDT112KXE6F |
| FDT45KXE6F | FDT140KXE6F |
| FDT56KXE6F | FDT160KXE6F |
| FDT71KXE6F | |



Remote control (option)

Wired



Wireless

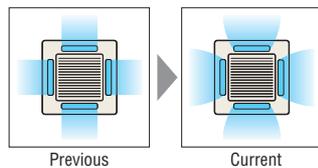


Individual flap control system

According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation.



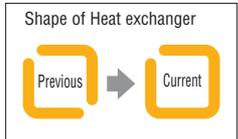
Due to optimization of outlet design of air flow with our new advanced technology, sufficient air flow is secured and long reach of air flow is realized.



The thinnest design

Thanks to new design of heat exchanger changed from 2 parts to 1 part, the height of indoor unit is reduced drastically.

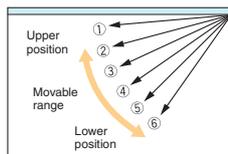
Furthermore applying DC fan motors to FDT models, the highest energy efficiency level, reduction of weight and significant compact design are realized.



Flap control system

Selection of flap position is possible. Individual flaps can be set at different angles.

* RCH-E3 is not applicable to the individual flap control system and the flap control system.



Specifications

| Item | Model | FDT28KXE6F | FDT36KXE6F | FDT45KXE6F | FDT56KXE6F | FDT71KXE6F | FDT90KXE6F | FDT112KXE6F | FDT140KXE6F | FDT160KXE6F | |
|--------------------------|---------|---|------------|-------------------------|-------------------|------------|-----------------------------------|-------------------|-------------------|-------------|-------------------|
| Nominal cooling capacity | kW | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 | 9.0 | 11.2 | 14.0 | 16.0 | |
| Nominal heating capacity | kW | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | 18.0 | |
| Power source | | 1 Phase 220-240V, 50Hz | | | | | | | | | |
| Power consumption | Cooling | 0.03-0.03 | | | 0.04-0.04 | 0.08-0.08 | 0.15-0.15 | | | | |
| | Heating | 0.03-0.03 | | | 0.04-0.04 | 0.08-0.08 | 0.15-0.15 | | | | |
| Sound power level | dB(A) | 53 | | | 60 | 64 | 65 | — | | — | |
| Sound pressure level ※ | dB(A) | Hi:33 Me:31 Lo:30 | | | | | Hi:40 Me:37 Lo:35 | | Hi:42 Me:40 Lo:37 | | Hi:43 Me:41 Lo:38 |
| Exterior dimensions | mm | Unit:246x840x840 Panel:35x950x950 | | | | | Unit:298x840x840 Panel:35x950x950 | | | | |
| Net weight | kg | Unit:22 Panel:5.5 | | | Unit:24 Panel:5.5 | | | Unit:27 Panel:5.5 | | | |
| Air flow ※ | m³/min | Hi:18 Me:16 Lo:14 | | | | | Hi:27 Me:24 Lo:20 | | Hi:30 Me:27 Lo:23 | | |
| Outside air intake | | Possible | | | | | | | | | |
| Panel | | T-PSA-3BW-E | | | | | | | | | |
| Air filter, Q'ty | | Pocket Plastic net x1 (Washable) | | | | | | | | | |
| Remote control(option) | | wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-T-36W-E | | | | | | | | | |
| Installation data | mm(in) | Liquid line:ø6.35(1/4") | | Liquid line:ø6.35(1/4") | | | Liquid line:ø9.52(3/8") | | | | |
| Refrigerant piping size | | Gas line:ø9.52(3/8") | | Gas line:ø12.7(1/2") | | | Gas line:ø15.88(5/8") | | | | |

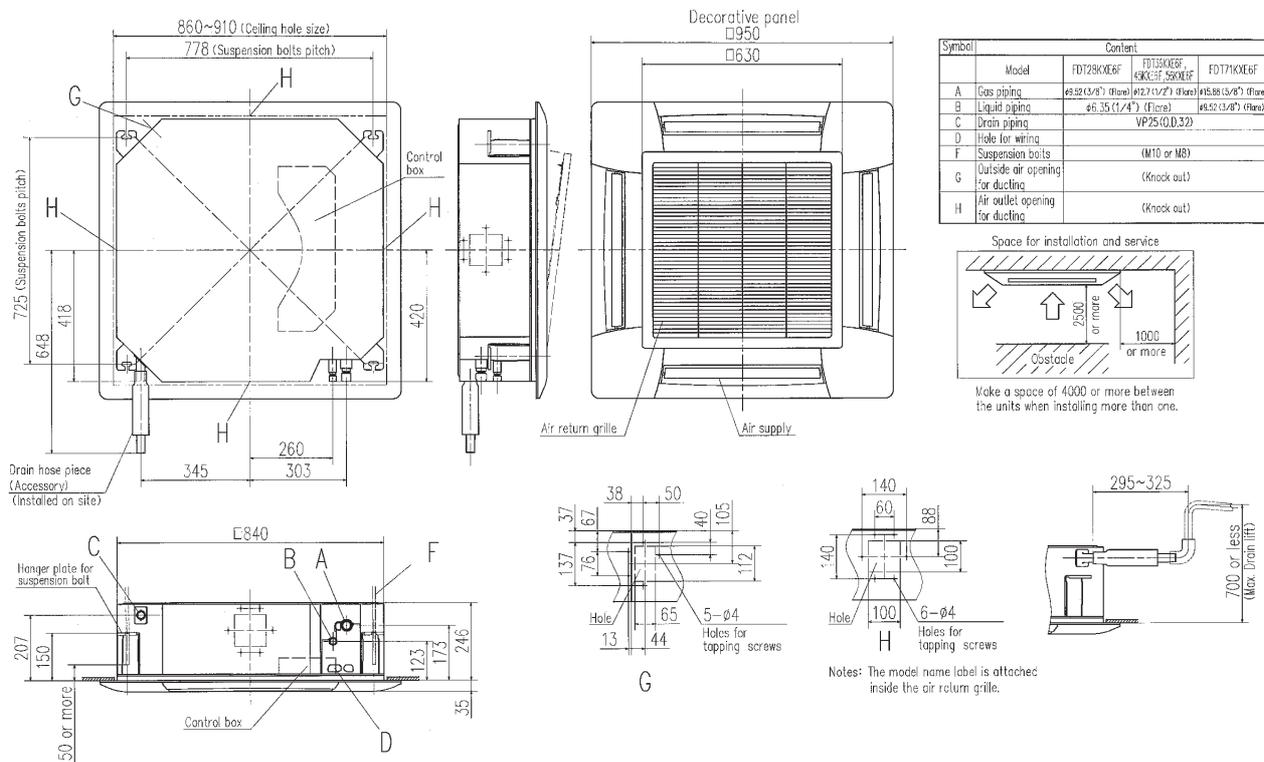
1. The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

※ Powerful-Hi can be selected. Sound pressure level: FDT28/36/45 37dB(A), FDT56 39dB(A), FDT71 46dB(A), FDT90/112/140/160 51dB(A). Air flow: FDT28/36/45/56 20m³/min, FDT71 28m³/min, FDT90/112/140/160 37m³/min.

Dimensions

All measurements in mm.

FDT28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F, 71KXE6F



FDT90KXE6F, 112KXE6F, 140KXE6F, 160KXE6F

