



FDTC50VH / SRC50ZSX-W2

5.0 (1.1 ~ 5.6)

Indoor Unit : FDTC50VH

Outdoor Unit : SRC50ZSX-W2

Specifications

R32

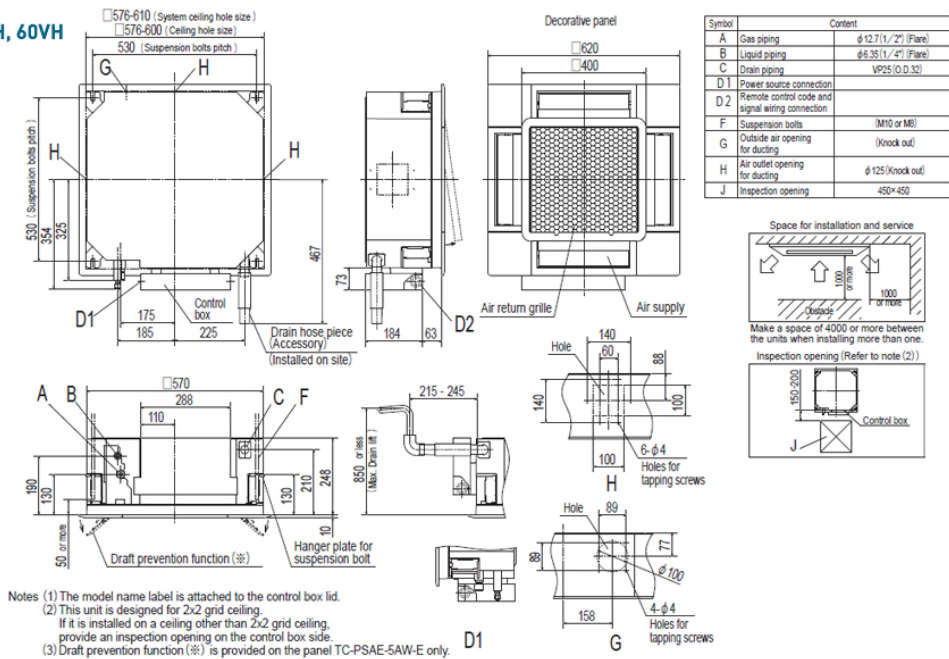
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|--|-------------------------|------------------------|--|
| Indoor unit | | | FDTC50VH |
| Outdoor unit | | | SRC50ZSX-W2 |
| Power source | | | 1Phase, 220 - 240, 50Hz |
| Nominal cooling capacity (Min~Max) | | kW | 5.0 (1.1 ~ 5.6) |
| Nominal heating capacity (Min~Max) | | kW | 5.4 (0.6 ~ 6.3) |
| Power consumption | Cooling/Heating | kW | 1.40 / 1.53 |
| EER/COP | Cooling/Heating | | 3.58 / 3.53 |
| Max. running current | | A | 15 |
| Sound power level | Indoor | Cooling/Heating | 59 / 59 |
| | Outdoor | Cooling/Heating | 63 / 62 |
| Sound pressure level | Indoor | Cooling (Hi/Me/Lo/Ulo) | 44 / 40 / 35 / 27 |
| | | Heating (Hi/Me/Lo/Ulo) | 44 / 40 / 35 / 27 |
| | Outdoor | Cooling/Heating | 52 / 50 |
| Air flow | Indoor | Cooling (Hi/Me/Lo/Ulo) | 13 / 11 / 9 / 7 |
| | | Heating (Hi/Me/Lo/Ulo) | 13 / 11 / 9 / 8 |
| | Outdoor | Cooling/Heating | 39 / 33 |
| Exterior Dimensions | Indoor | Height x Width x Depth | Unit : 248 x 570 x 570 Panel : 10 x 620 x 620 |
| | Outdoor | | 640 x 800(+71) x 290 |
| Net weight | Indoor / Outdoor | | kg 16.5 (Unit : 14 Panel : 2.5) / 45.0 |
| Refrigerant | Type/GWP | | R32/675 |
| Refrigerant | Charge | kg/TCO2Eq | 1.30 / 0.878 |
| Refrigerant piping size | Liquid/Gas | ø inch | 6.35(1/4") / 12.7(1/2") |
| Refrigerant line (one way) length | | m | Max. 30 |
| Vertical height differences | Outdoor is higher/lower | m | Max. 20 / Max.20 |
| Outdoor operating temperature range | Cooling | °C | -15~46 |
| | Heating | | -20~24 |
| Panel | | | TC-PSA-5AW-E, TC-PSAE-5AW-E (Honeycomb) / TC-PSAG-5AW-E, TC-PSAGE-5AW-E (Grid) |
| Energy Class (Cooling/Heating) | | | A+ +/A+ |
| SEER | | | 6.52 |
| SCOP (Average climate) | | | 4.30 |
| Pdesign (cooling/heating(@-10°C)) | | kW | 5.0/4.3 |
| Annual Electricity Consumption (cooling/heating) | | kWh/a | 269/1401 |
| Designated Heating Season | | | Average |

• The data is measured under the following conditions(ISO-T1, H1). 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.
 • Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
 • 'tonne(s) of CO2 equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.
 *1 The maximum external static pressure can be used up to 35Pa (25•35ZS) , 50Pa (50 •60ZS) , but the airflow will be reduced.

Schematics

Unit: mm

Models FDTC40VH, 50VH, 60VH



Unit: mm

SRC40ZSX-W1, 50ZSX-W1, 60ZSX-W1

