



# FDT140VG

Standard Inverter Cassette

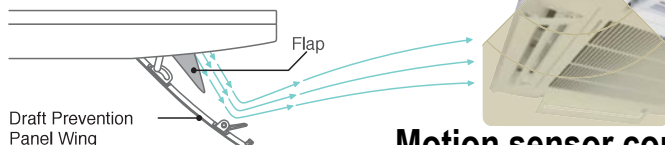


## Individual flap control system



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

## Draft prevention panel



Motion sensor control

Wired remote control (option)

Wireless remote control (option)

NEW



RC-EX3



RC-E5



RCH-E3

NEW



RCN-TC-24W-E2



FDC100VNP (4.0HP)

## FUNCTIONS

Energy saving

Air flow

Comfort & Convenience

Others



## SPECIFICATIONS

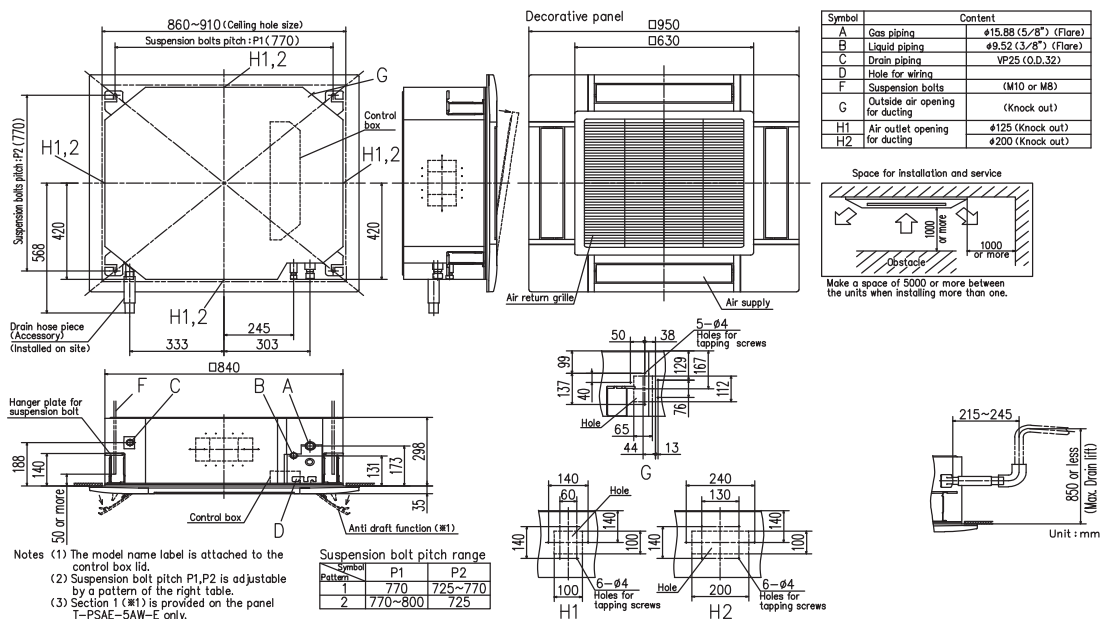
|                                     |         |                    | Micro Inverter                                    |                                             |                     |                                     |                     |                     |              |
|-------------------------------------|---------|--------------------|---------------------------------------------------|---------------------------------------------|---------------------|-------------------------------------|---------------------|---------------------|--------------|
| Set model name                      |         |                    | FDT100VNVG                                        | FDT125VNVG                                  | FDT140VNVG          | FDT100VSVG                          | FDT125VSVG          | FDT140VSVG          |              |
| Indoor unit                         |         |                    | FDT100VG                                          | FDT125VG                                    | FDT140VG            | FDT100VG                            | FDT125VG            | FDT140VG            |              |
| Outdoor unit                        |         |                    | FDC100VN                                          | FDC125VN                                    | FDC140VN            | FDC100VS                            | FDC125VS            | FDC140VS            |              |
| Power source                        |         |                    | 1 Phase 220-240V, 50Hz / 220V, 60Hz               |                                             |                     | 3 Phase 380-415V, 50Hz / 380V, 60Hz |                     |                     |              |
| Nominal cooling capacity (Min~Max)  |         |                    | kW 10.0 ( 4.0 ~ 11.2 )                            | 12.5 ( 5.0 ~ 14.0 )                         | 14.0 ( 5.0 ~ 14.5 ) | 10.0 ( 4.0 ~ 11.2 )                 | 12.5 ( 5.0 ~ 14.0 ) | 14.0 ( 5.0 ~ 14.5 ) |              |
| Nominal heating capacity (Min~Max)  |         |                    | kW 11.2 ( 4.0 ~ 12.5 )                            | 14.0 ( 4.0 ~ 16.0 )                         | 16.0 ( 4.0 ~ 16.5 ) | 11.2 ( 4.0 ~ 12.5 )                 | 14.0 ( 4.0 ~ 16.0 ) | 16.0 ( 4.0 ~ 16.5 ) |              |
| Power consumption                   |         | Cooling/Heating    | kW 2.76 / 2.74                                    | 4.05 / 3.77                                 | 4.98 / 4.57         | 2.76 / 2.74                         | 4.05 / 3.77         | 4.98 / 4.57         |              |
| EER/COP                             |         | Cooling/Heating    | 3.62 / 4.09                                       | 3.09 / 3.71                                 | 2.81 / 3.50         | 3.62 / 4.09                         | 3.09 / 3.71         | 2.81 / 3.50         |              |
| Inrush current                      |         |                    | A 5                                               | 5                                           | 5                   | 5                                   | 5                   | 5                   |              |
| Max. current                        |         |                    | 24                                                | 24                                          | 24                  | 15                                  | 15                  | 15                  |              |
| Sound power level*1                 | Indoor  | Cooling/Heating    | dB(A)                                             | 63 / 63                                     | 64 / 64             | 64 / 64                             | 63 / 63             | 64 / 64             | 64 / 64      |
|                                     | Outdoor | Cooling/Heating    |                                                   | 70 / 70                                     | 72 / 72             | 73 / 73                             | 70 / 70             | 72 / 72             | 73 / 73      |
| Sound pressure level*1 ※2           | Indoor  | Cooling (Hi/Mo/Lo) |                                                   | 39 / 37 / 31                                | 41 / 39 / 32        | 42 / 39 / 33                        | 39 / 37 / 31        | 41 / 39 / 32        | 42 / 39 / 33 |
|                                     |         | Heating (Hi/Mo/Lo) |                                                   | 39 / 37 / 31                                | 41 / 39 / 32        | 42 / 39 / 33                        | 39 / 37 / 31        | 41 / 39 / 32        | 42 / 39 / 33 |
| Air flow ※2                         | Outdoor | Cooling/Heating    |                                                   | 49 / 49                                     | 50 / 51             | 51 / 51                             | 49 / 49             | 50 / 51             | 51 / 51      |
|                                     |         | Cooling (Hi/Mo/Lo) |                                                   | 26 / 23 / 17                                | 28 / 25 / 18        | 29 / 26 / 19                        | 26 / 23 / 17        | 28 / 25 / 18        | 29 / 26 / 19 |
|                                     |         | Heating (Hi/Mo/Lo) | 26 / 23 / 17                                      | 28 / 25 / 18                                | 29 / 26 / 19        | 26 / 23 / 17                        | 28 / 25 / 18        | 29 / 26 / 19        |              |
| Exterior dimensions                 | Outdoor | Cooling/Heating    | m³/min 75 / 73                                    | 75 / 73                                     | 75 / 73             | 75 / 73                             | 75 / 73             | 75 / 73             |              |
|                                     | Indoor  | HeightxWidthxDepth | mm                                                | Unit: 298 x 840 x 840 Panel: 35 x 950 x 950 |                     |                                     |                     |                     |              |
|                                     |         |                    |                                                   | 845 x 970 x 370                             |                     |                                     |                     |                     |              |
| Net weight                          | Indoor  |                    | kg                                                | 30(Unit:25 Standard Panel:5)                |                     |                                     |                     |                     |              |
|                                     | Outdoor |                    |                                                   | 81                                          |                     | 83                                  |                     |                     |              |
| Ref.piping size                     |         | Liquid/Gas         | ømm                                               | 9.52(3/8") / 15.88(5/8")                    |                     |                                     |                     |                     |              |
| Refrigerant line (one way) length   |         |                    | m                                                 | Max.50                                      |                     |                                     |                     |                     |              |
| Vertical height differences         |         |                    | Outdoor is higher/lower                           | m                                           | Max.30 / Max.15     |                                     |                     |                     |              |
| Outdoor operating temperature range |         | Cooling            | °C                                                | -15~43*3                                    |                     |                                     |                     |                     |              |
|                                     |         | Heating            |                                                   | -20~20                                      |                     |                                     |                     |                     |              |
| Panel                               |         |                    | T-PSA-5AW-E, T-PSAE-5AW-E                         |                                             |                     |                                     |                     |                     |              |
| Air filter, Q'ty                    |         |                    | Pocket plastic net x 1(Washable)                  |                                             |                     |                                     |                     |                     |              |
| Remote control (option)             |         |                    | wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-T-5AW-E2 |                                             |                     |                                     |                     |                     |              |



## FDT140VG

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### FDT140VG Indoor Unit



### FDC140VN Outdoor Unit

