



## FDT125VG

Hyper Inverter Cassette

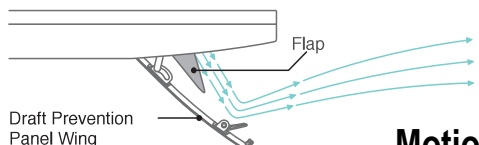


### Individual flap control system



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

FDC100VNX/VSX (4.0HP)  
FDC125VNX/VSX (5.0HP)  
FDC140VNX/VSX (6.0HP)



### FUNCTIONS

Energy saving



Air flow



Comfort & Convenience



Others



### SPECIFICATIONS

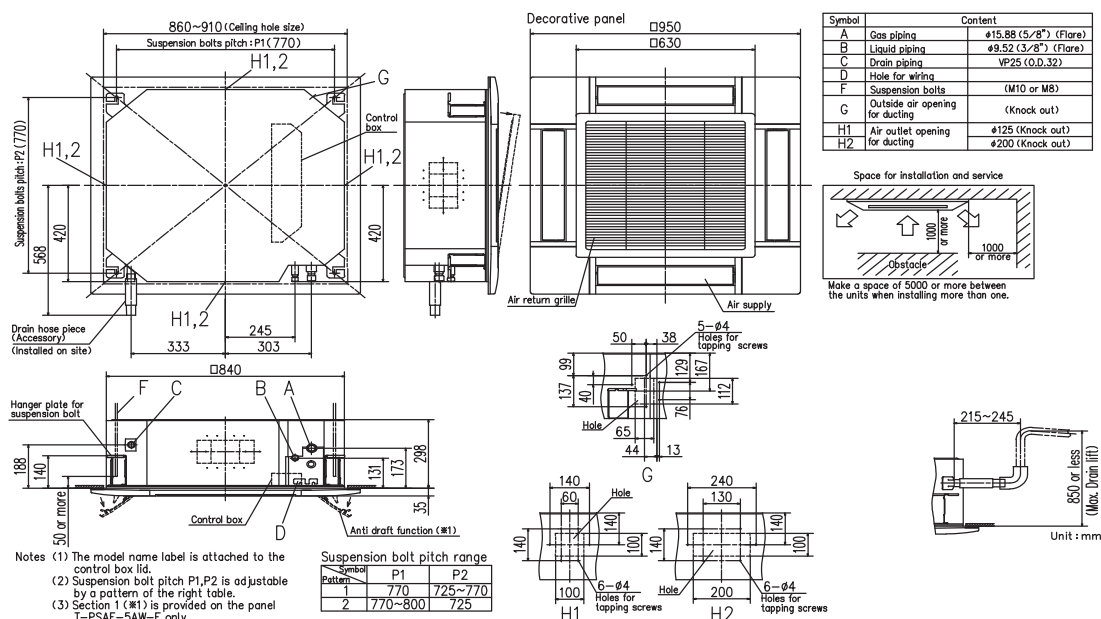
|                                     |                         |                    | Hyper Inverter                                    |                              |                                             |                                     |                     |                     |              |
|-------------------------------------|-------------------------|--------------------|---------------------------------------------------|------------------------------|---------------------------------------------|-------------------------------------|---------------------|---------------------|--------------|
| Set model name                      |                         |                    | FDT100VNXVG                                       | FDT125VNXVG                  | FDT140VNXVG                                 | FDT100VSXVG                         | FDT125VSXVG         | FDT140VSXVG         |              |
| Indoor unit                         |                         |                    | FDT100VG                                          | FDT125VG                     | FDT140VG                                    | FDT100VG                            | FDT125VG            | FDT140VG            |              |
| Outdoor unit                        |                         |                    | FDC100VNX                                         | FDC125VNX                    | FDC140VNX                                   | FDC100VSX                           | FDC125VSX           | FDC140VSX           |              |
| 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 ~ 16.0 )                         | 10.0 ( 4.0 ~ 11.2 )                 | 12.5 ( 5.0 ~ 14.0 ) | 14.0 ( 5.0 ~ 16.0 ) |              |
| Nominal heating capacity (Min~Max)  |                         |                    | kW 11.2 ( 4.0 ~ 12.5 )                            | 14.0 ( 4.0 ~ 17.0 )          | 16.0 ( 4.0 ~ 18.0 )                         | 11.2 ( 4.0 ~ 16.0 )                 | 14.0 ( 4.0 ~ 18.0 ) | 16.0 ( 4.0 ~ 20.0 ) |              |
| Power consumption                   |                         |                    | Cooling/Heating kW 2.50 / 2.58                    | 3.42 / 3.43                  | 4.26 / 4.20                                 | 2.50 / 2.58                         | 3.42 / 3.43         | 4.26 / 4.20         |              |
| EER/COP                             | Cooling/Heating         |                    | 4.00 / 4.34                                       | 3.65 / 4.08                  | 3.29 / 3.81                                 | 4.00 / 4.34                         | 3.65 / 4.08         | 3.29 / 3.81         |              |
| Inrush current                      |                         |                    | A                                                 | 5                            | 5                                           | 5                                   | 5                   | 5                   |              |
| Max. current                        |                         |                    |                                                   | 24                           | 26                                          | 26                                  | 15                  | 15                  |              |
| Sound power level*1                 | Indoor                  | Cooling/Heating    |                                                   | 63 / 63                      | 64 / 64                                     | 64 / 64                             | 63 / 63             | 64 / 64             | 64 / 64      |
|                                     | Outdoor                 | Cooling/Heating    |                                                   | 70 / 70                      | 70 / 70                                     | 72 / 72                             | 70 / 70             | 70 / 70             | 72 / 72      |
| Sound pressure level*1 ※1           | Indoor                  | Cooling (Hi/Mo/Lo) | dB(A)                                             | 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 ※1                         | Outdoor                 | Cooling/Heating    |                                                   | 48 / 50                      | 48 / 50                                     | 49 / 52                             | 48 / 50             | 48 / 50             | 49 / 52      |
|                                     | Indoor                  | Cooling (Hi/Mo/Lo) |                                                   | m³/min                       | 26 / 23 / 17                                | 28 / 25 / 18                        | 29 / 26 / 19        | 26 / 23 / 17        | 28 / 25 / 18 |
|                                     |                         | Heating (Hi/Mo/Lo) | 26 / 23 / 17                                      |                              | 28 / 25 / 18                                | 29 / 26 / 19                        | 26 / 23 / 17        | 28 / 25 / 18        | 29 / 26 / 19 |
|                                     | Outdoor                 | Cooling/Heating    | 100 / 100                                         |                              | 100 / 100                                   | 100 / 100                           | 100 / 100           | 100 / 100           | 100 / 100    |
| Exterior dimensions                 | Indoor                  | HeightxWidthxDepth | mm                                                |                              | Unit: 298 x 840 x 840 Panel: 35 x 950 x 950 |                                     |                     |                     |              |
|                                     | Outdoor                 |                    |                                                   | 1,300 x 970 x 370            |                                             |                                     |                     |                     |              |
| Net weight                          | Indoor                  |                    | kg                                                | 30(Unit:25 Standard Panel:5) |                                             |                                     |                     |                     |              |
|                                     | Outdoor                 |                    |                                                   | 105                          |                                             |                                     |                     |                     |              |
| Ref.piping size                     | Liquid/Gas              |                    | ømm                                               | 9.52(3/8") / 15.88(5/8")     |                                             |                                     |                     |                     |              |
| Refrigerant line (one way) length   |                         |                    | m                                                 | Max.100                      |                                             |                                     |                     |                     |              |
| 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 |                              |                                             |                                     |                     |                     |              |



# FDT125VG

## Hyper Inverter Cassette

## FDT125VG Indoor Unit



## FDC125VNX Outdoor Unit

