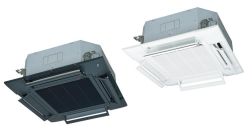



MITSUBISHI HEAVY INDUSTRIES

# FDT140VNXPVH

## 14.0 KW



Unitate interna : FDT71VH-x-2



Unitate externa : FDC140VNX

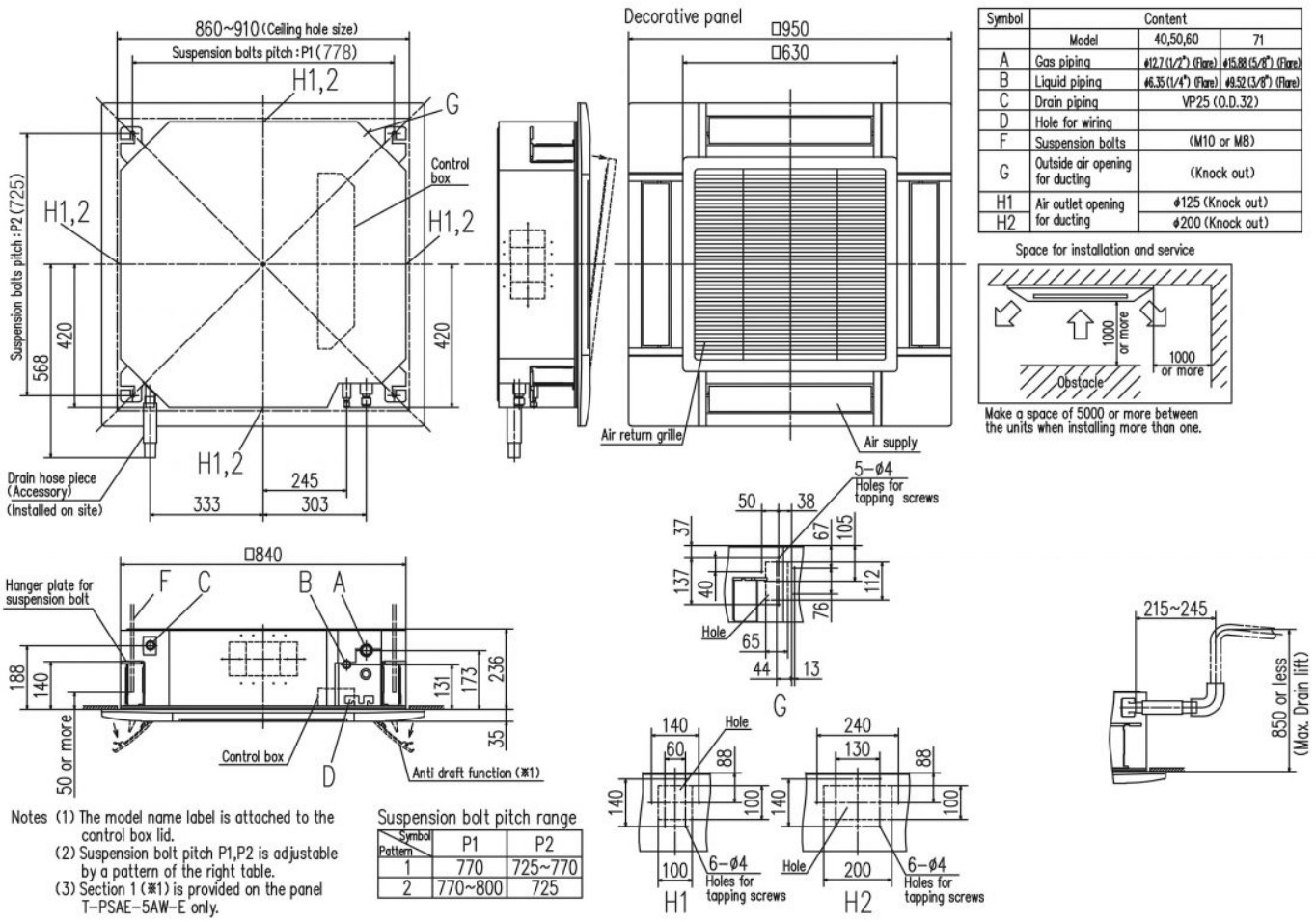
## Specificații tehnice

| | | | | |
|---|---|---|---|---|
| Unitate internă | | | | FDT71VH x 2 |
| Unitate externă | | | | FDC140VNX |
| Sursă de alimentare | | | | Monofazic 220-240V, 50Hz / 220V, 60Hz |
| Capacitate nominală de răcire (Min-Max) | | | kW | 14.0 ( 5.0 ~ 16.0 ) |
| Capacitate nominală de încălzire (Min-Max) | | | kW | 16.0 ( 4.0 ~ 18.0 ) |
| Power Consumption | | Răcire/Încălzire | kW | 3.88 / 3.74 |
| EER/COP | | Răcire/Încălzire | kW | 3.61 / 4.28 |
| Curent de intrare | | | A | 5 |
| Max. current | | | A | 26 |
| Nivel putere sonoră*1 | U.I.*3 | Răcire/Încălzire | dB(A) | 59 / 60 |
| | U.E. | Răcire/Încălzire | | 72 / 72 |
| Nivel presiune sonoră*1 | U.I.*3 | Răcire (P-Hi/Hi/Me/Lo) | | 46 / 34 / 31 / 26 |
| | | Încălzire (P-Hi/Hi/Me/Lo) | | 46 / 34 / 31 / 26 |
| | U.E. | Răcire/Încălzire | | 49 / 52 |
| Flux de aer | U.I.*3 | Răcire (P-Hi/Hi/Me/Lo) | $m^3$/min | 28 / 18 / 15 / 12 |
| | | Încălzire (P-Hi/Hi/Me/Lo) | | 28 / 18 / 15 / 12 |
| | U.E. | Răcire/Încălzire | | 100 / 100 |
| Exterior dimensions | U.I. | HeightxWidthxDepth | mm | Unitate: 236 x 840 x 840 Panou: 35 x 950 x 950 |
| | U.E. | | mm | 1,300 x 970 x 370 |
| Greutate netă | | U.I./U.E. | kg | 26(Unitate:21 Panou standard:5) / 105 |
| Refrigerant Type GWP | | | | R410A/2088 |
| Ref.piping size | Lichid/Gaz | | Ã¸mm | 9.52(3/8") / 15.88(5/8") |
| Lungime țeavă refrigerant (o direcție) | | | m | Max. 100 |
| Diferență de nivel suportată | | Unitate externă este mai sus/mai jos | m | Max.30 / Max.15 |
| Interval de funcționare - temperatură exterioară | | Răcire*2 | °C | -15~43 |
| | | Încălzire | °C | -20~20 |
| Panou | | | | White: T-PSA-5BW-E, T-PSAE-5BW-E / Black: T-PSA-5BB-E, T-PSAE-5BB-E |
| Filtru de aer, cantitate | | | | Filtru lavabil din plastic x 1 (Lavabil) |
| Telecomandă (opțional) | | | | Cu fir: RC-EX3A, RC-E5, RCH-E3 Wireless: RCN-T-5BW-E2, RCN-T-5BB-E2 |

Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

## Schema tehnică

### Models FDT40VH, 50VH, 60VH, 71VH




| Symbol | Content | | |
|---|---|---|---|
| | Model | 40,50,60 | 71 |
| A | Gas piping | ø12.7 (1/2") (Flare) | ø15.88 (5/8") (Flare) |
| B | Liquid piping | ø6.35 (1/4") (Flare) | ø9.52 (3/8") (Flare) |
| C | Drain piping | VP25 (O.D.32) | |
| D | Hole for wiring | | |
| F | Suspension bolts | (M10 or M8) | |
| G | Outside air opening for ducting | (Knock out) | |
| H1 | Air outlet opening for ducting | ø125 (Knock out) | |
| H2 | | ø200 (Knock out) | |

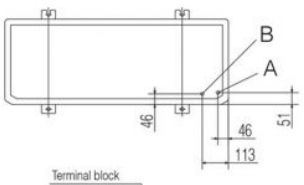
Notes (1) The model name label is attached to the control box lid.
(2) Suspension bolt pitch P1,P2 is adjustable by a pattern of the right table.
(3) Section 1 (※1) is provided on the panel T-PSAE-5AW-E only.

Suspension bolt pitch range

| Symbol / Pattern | P1 | P2 |
|---|---|---|
| 1 | 770 | 725~770 |
| 2 | 770~800 | 725 |

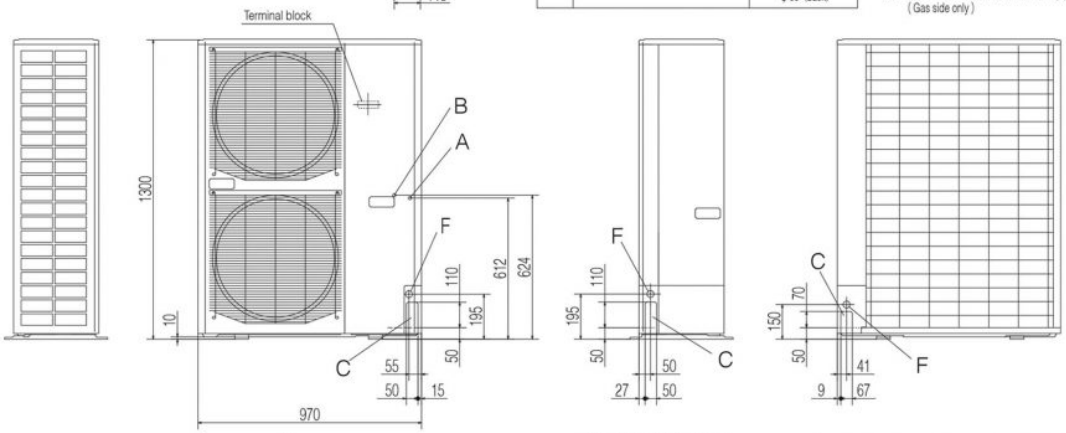
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

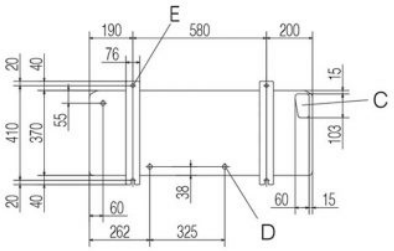
## FDC100VNX, 100VSX, 125VNX, 125VSX, 140VNX, 140VSX

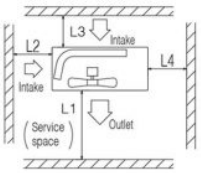



| Symbol | Content | |
|---|---|---|
| A | Service valve connection of the attached connecting pipe (gas side) | ϕ 15.88 (5/8") (Flare) |
| B | Service valve connection (liquid side) | ϕ 9.52 (3/8") (Flare) |
| C | Pipe / cable draw-out hole | |
| D | Drain discharge hole | ϕ 20 × 3places |
| E | Anchor bolt hole | M10 × 4places |
| F | Cable draw-out hole | ϕ 30 (front)<br>ϕ 45 (side)<br>ϕ 50 (back) |

Notes
(1) It must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
(3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
(4) Leave 1m or more space above the unit.
(5) A wall in front of the blower outlet must not exceed the units height.
(6) The model name label is attached on the lower right corner of the front panel.
(7) Connect the Service valve with local pipe by using the pipe of the attachment. (Gas side only)




Minimum installation space

| Examples of installation / Dimensions | I | II | III |
|---|---|---|---|
| L1 | Open | Open | 500 |
| L2 | 300 | 5 | Open |
| L3 | 150 | 300 | 150 |
| L4 | 5 | 5 | 5 |

Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.