


MITSUBISHI HEAVY INDUSTRIES

# FDE140VSXWTVH

## 14.0 KW



Unitate interna : FDE50VH-x-3



Unitate externa : FDC140VSX-W

## Specificații tehnice

R32

| | | | | |
|---|---|---|---|---|
| Unitate internă | | | | FDE50VH x 3 |
| Unitate externă | | | | FDC140VSX-W |
| Sursă de alimentare | | | | Trifazic 380-415V, 50Hz / 380V, 60Hz |
| Capacitate nominală de răcire (Min-Max) | | | kW | 14.0 ( 3.5 ~ 16.0 ) |
| Capacitate nominală de încălzire (Min-Max) | | | kW | 16.0 ( 2.7 ~ 20.0 ) |
| Power Consumption | | Răcire/Încălzire | kW | 3.72 / 4.11 |
| EER/COP | | Răcire/Încălzire | kW | 3.76 / 3.89 |
| Curent de intrare | | | A | 5 |
| Max. current | | | A | 14 |
| Nivel putere sonoră*[1] | U.I.*[3] | Răcire/Încălzire | dB(A) | 60 / 60 |
| | U.E. | Răcire/Încălzire | | 69 / 71 |
| Nivel presiune sonoră*[1] | U.I.*[3] | Răcire (P-Hi/Hi/Me/Lo) | | 46 / 38 / 36 / 31 |
| | | Încălzire (P-Hi/Hi/Me/Lo) | | 46 / 38 / 36 / 31 |
| | U.E. | Răcire/Încălzire | | 54 / 54 |
| Flux de aer | U.I.*[3] | Răcire (P-Hi/Hi/Me/Lo) | $m^3$/min | 13 / 10 / 9 / 7 |
| | | Încălzire (P-Hi/Hi/Me/Lo) | | 13 / 10 / 9 / 7 |
| | U.E. | Răcire/Încălzire | | 100 / 100 |
| Exterior dimensions | U.I. | HeightxWidthxDepth | mm | 210 x 1,070 x 690 |
| | U.E. | | mm | 1,300 x 970 x 370 |
| Greutate netă | | U.I./U.E. | kg | 28 / 99 |
| Refrigerant Type GWP | | | | R32/675 |
| 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.50 / Max.15 |
| Interval de funcționare - temperatură exterioară | | Răcire*[2] | °C | -15~50 |
| | | Încălzire | °C | -20~20 |
| Filtru de aer, cantitate | | | | Pocket plastic net x 2(lavabil) |
| Telecomandă (opțional) | | | | Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-E-E3 |

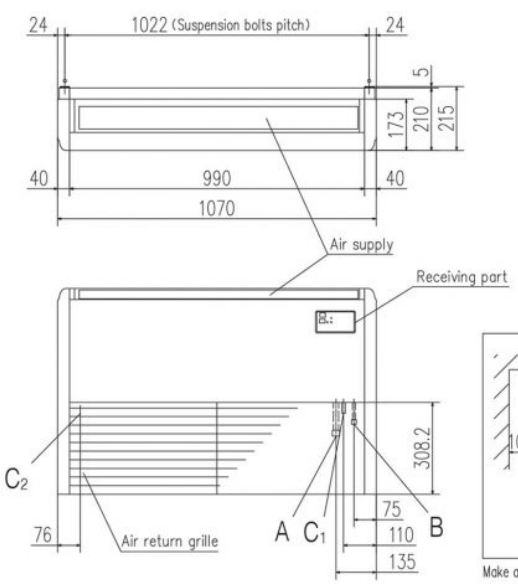
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

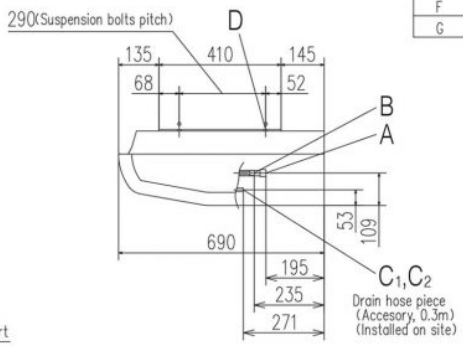
## Schema tehnică
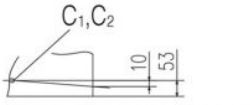
### Models FDE40VH, 50VH

| Symbol | Content | |
|---|---|---|
| A | Gas piping | ϕ12.7 (1/2") (Flare) |
| B | Liquid piping | ϕ6.35 (1/4") (Flare) |
| C 1,2 | Drain piping | VP20 (I.D.20, O.D.26) |
| D | Hole for suspension bolts | (M10 or M8) |
| E | Back cutout | PE cover |
| F | Top cutout | Plate cover |
| G | Drain piping (for left back) | (Knock out) |

Note (1) The model name label is attached on the fan casing inside the air return grille.

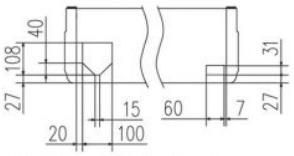


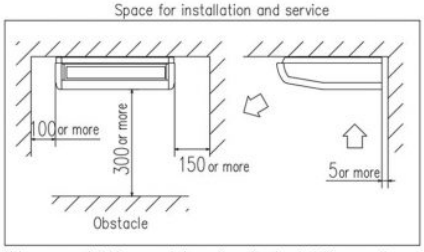




Note) The slope of drain piping inside the unit must take decline of 10mm.

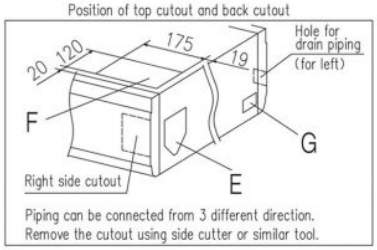



Space for installation and service




Make a space of 4000 or more between the units when installing more than one.

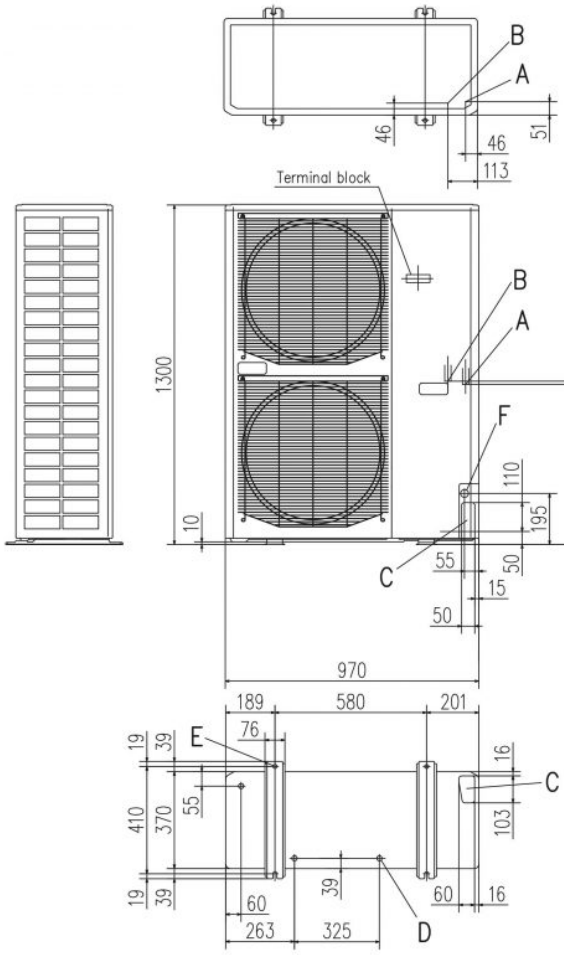
Position of top cutout and back cutout




Piping can be connected from 3 different direction.
Remove the cutout using side cutter or similar tool.

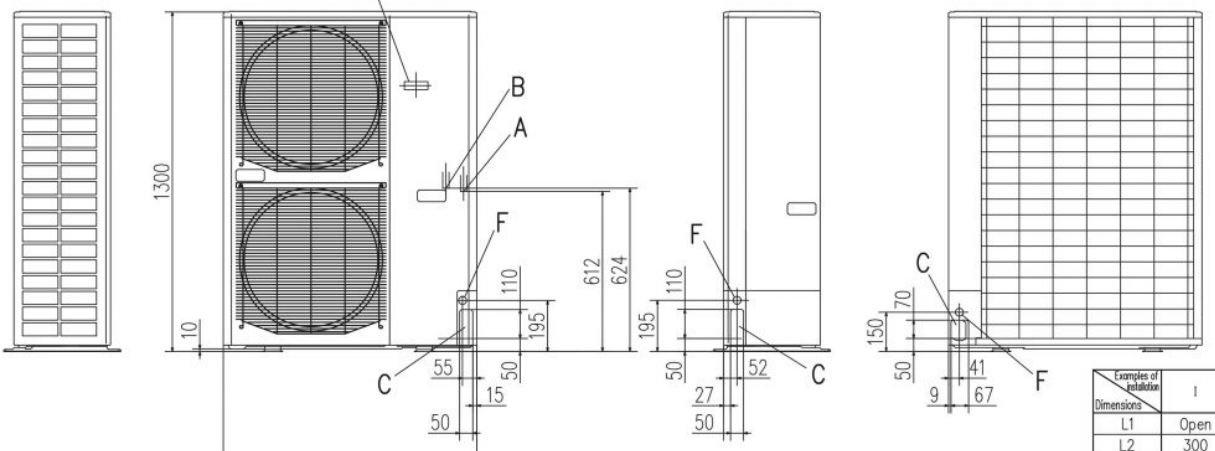
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

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

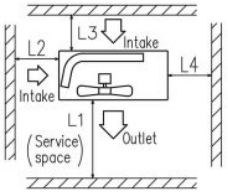



| Symbol | Content | |
|---|---|---|
| A | Service valve connection of the attached connecting pipe (gas side) | ϕ15.88 (5/8") (Flare) |
| B | Service valve connection (liquid side) | ϕ9.52 (3/8") (Flare) |
| C | Pipe/cable draw-out hole | |
| D | Drain discharge hole | ϕ20×3places |
| E | Anchor bolt hole | M10×4places |
| F | Cable draw-out hole | ϕ30×3places |

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.




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




Minimum installation space

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