

MITSUBISHI HEAVY INDUSTRIES

FDE280VSAWDVH

27.0 KW



Unitate interna : FDE71VH-x-4



Unitate externa : FDC280VSA-W

Specificații tehnice

R32

Unitate internă				FDE71VH x 4
Unitate externă				FDC280VSA-W
Sursă de alimentare				Trifazic 380-415V, 50Hz / 380V, 60Hz
Capacitate nominală de răcire (Min-Max)			kW	27.0 (7.5 ~ 31.5)
Capacitate nominală de încălzire (Min-Max)			kW	30.0 (5.8 ~ 33.5)
Power Consumption		Răcire/Încălzire	kW	9.15 / 8.98
EER/COP		Răcire/Încălzire	kW	2.95 / 3.34
Curent de intrare			A	5
Max. current			A	20
Nivel putere sonoră*[1]	U.I.*[3]	Răcire/Încălzire	dB(A)	60 / 60
	U.E.	Răcire/Încălzire		75 / 77
Nivel presiune sonoră*[1]	U.I.*[3]	Răcire (P-Hi/Hi/Me/Lo)		47 / 41 / 37 / 32
		Încălzire (P-Hi/Hi/Me/Lo)		47 / 41 / 37 / 32
	U.E.	Răcire/Încălzire		61 / 63
Flux de aer	U.I.*[3]	Răcire (P-Hi/Hi/Me/Lo)	m^3/min	20 / 16 / 13 / 10
		Încălzire (P-Hi/Hi/Me/Lo)		20 / 16 / 13 / 10
	U.E.	Răcire/Încălzire		136 / 140
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	210 x 1,320 x 690
	U.E.		mm	1,505 x 970 x 370
Greutate netă		U.I./U.E.	kg	33 / 155
Refrigerant Type GWP				R32/675
Ref.piping size	Lichid/Gaz		Ã¸mm	12.7(1/2") / 22.22(7/8")
Lungime țeavă refrigerant (o direcție)			m	Max. 60
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

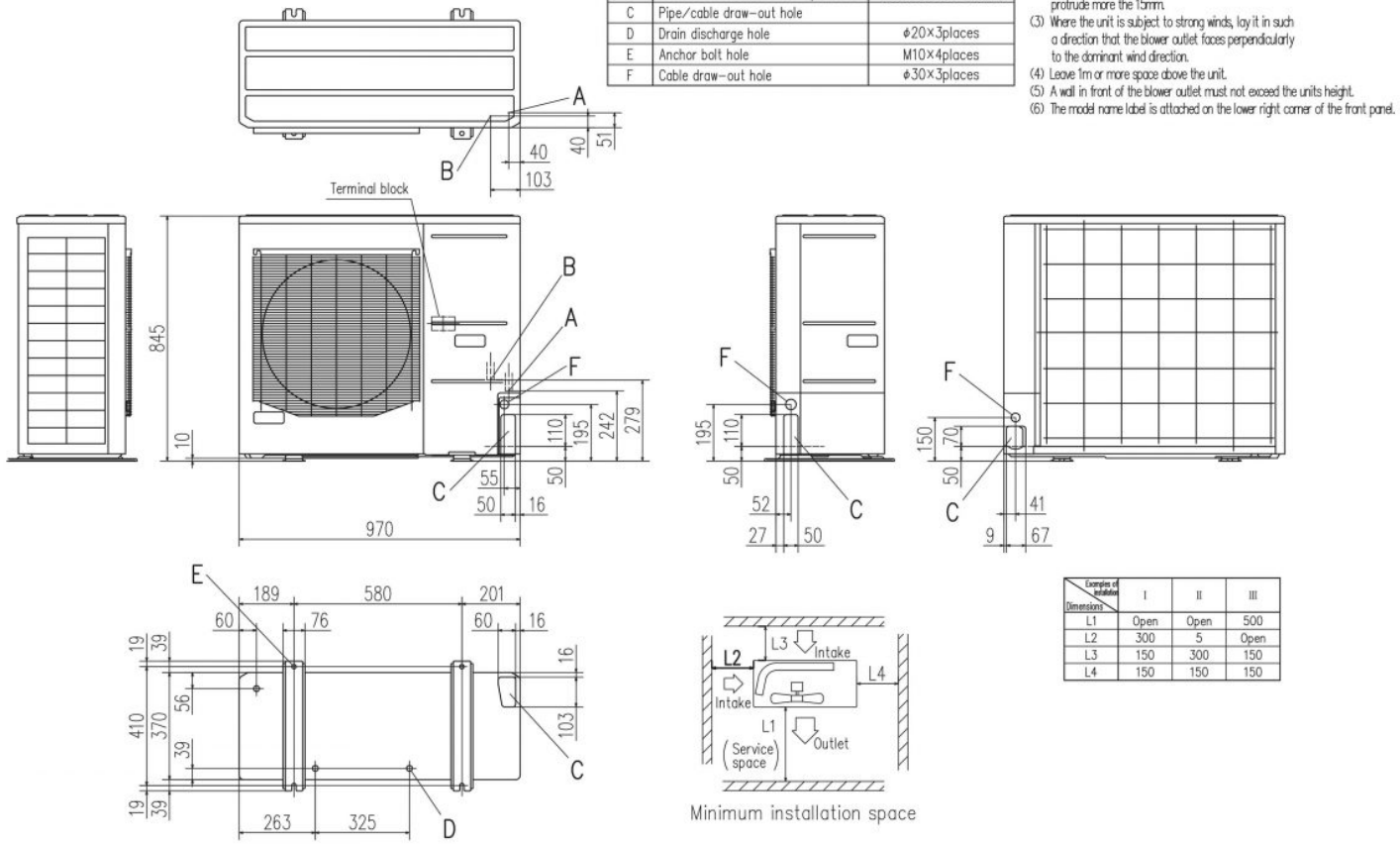
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

Schema tehnică

FDC100VNA-W, 125VNA-W, 140VNA-W, 100VSA-W, 125VSA-W, 140VSA-W
FDC100VNA, 125VNA, 140VNA, 100VSA, 125VSA, 140VSA

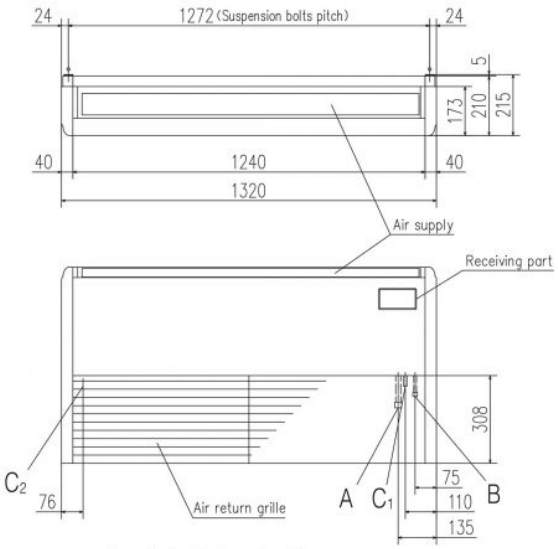
Symbol	Content	
A	Service valve connection (gas side)	ϕ15.88 (5/8") (Flare)
B	Service valve connection (liquid side)	ϕ9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20×3places
E	Anchor bolt hole	M10×4places
F	Cable draw-out hole	ϕ30×3places

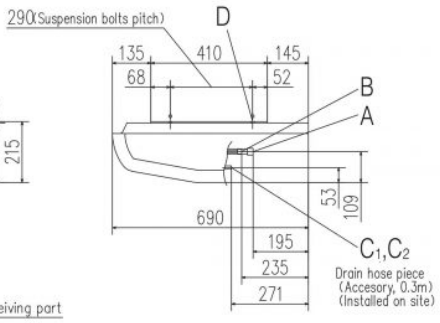
Notes
(1) It must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more the 15mm.
(3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
(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.
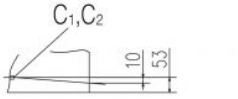


Examples of installation / Dimensions	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	150	150	150

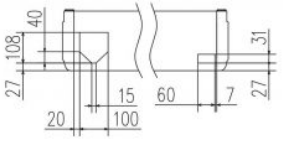
Note (1) The model name label is attached on the fan casing inside the air return grille.





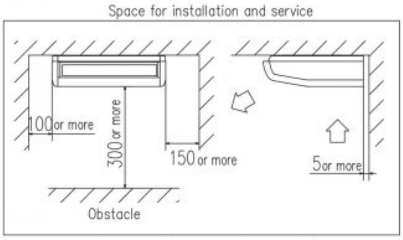


Note) The slope of drain piping inside the unit must take decline of 10mm.

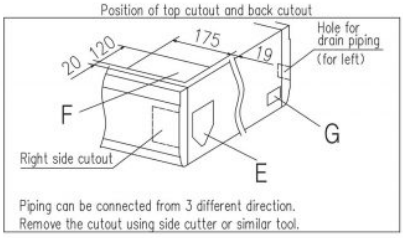


Symbol		Content	
	Model	FDE60	FDE71
A	Gas piping	ϕ12.7 (1/2") (Flare)	ϕ15.88 (5/8") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)	ϕ9.52 (3/8") (Flare)
C 1,2	Drain piping	VP20 (I.D.20, O.D.26)	
D	Hole for suspension bolts	(M10 or M8)	
E	Back cutout	PE cover	
F	Top cutout	Plate cover	
G	Hole for drain piping (for left back)	(Knock out)	

Space for installation and service



Position of top cutout and back cutout



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

Make a space of 4500 or more between the units when installing more than one.

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