

MITSUBISHI HEAVY INDUSTRIES

FDE200VSAWTVH

20.0 KW



Unitate interna : FDE71VH-x-3



Unitate externa : FDC200VSA-W

Specificații tehnice

R32

Unitate internă				FDE71VH x 3
Unitate externă				FDC200VSA-W
Sursă de alimentare				Trifazic 380-415V, 50Hz / 380V, 60Hz
Capacitate nominală de răcire (Min-Max)			kW	20.0 (7.5 ~ 22.4)
Capacitate nominală de încălzire (Min-Max)			kW	22.4 (6.6 ~ 25.0)
Power Consumption		Răcire/Încălzire	kW	6.29 / 5.66
EER/COP		Răcire/Încălzire	kW	3.18 / 3.96
Curent de intrare			A	5
Max. current			A	19
Nivel putere sonoră*[1]	U.I.*[3]	Răcire/Încălzire	dB(A)	60 / 60
	U.E.	Răcire/Încălzire		72 / 74
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		58 / 59
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		148 / 134
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 / 144
Refrigerant Type GWP				R32/675
Ref.piping size	Lichid/Gaz		Ã¸mm	9.52(3/8") / 22.22(7/8")
Lungime țeavă refrigerant (o direcție)			m	Max. 70
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

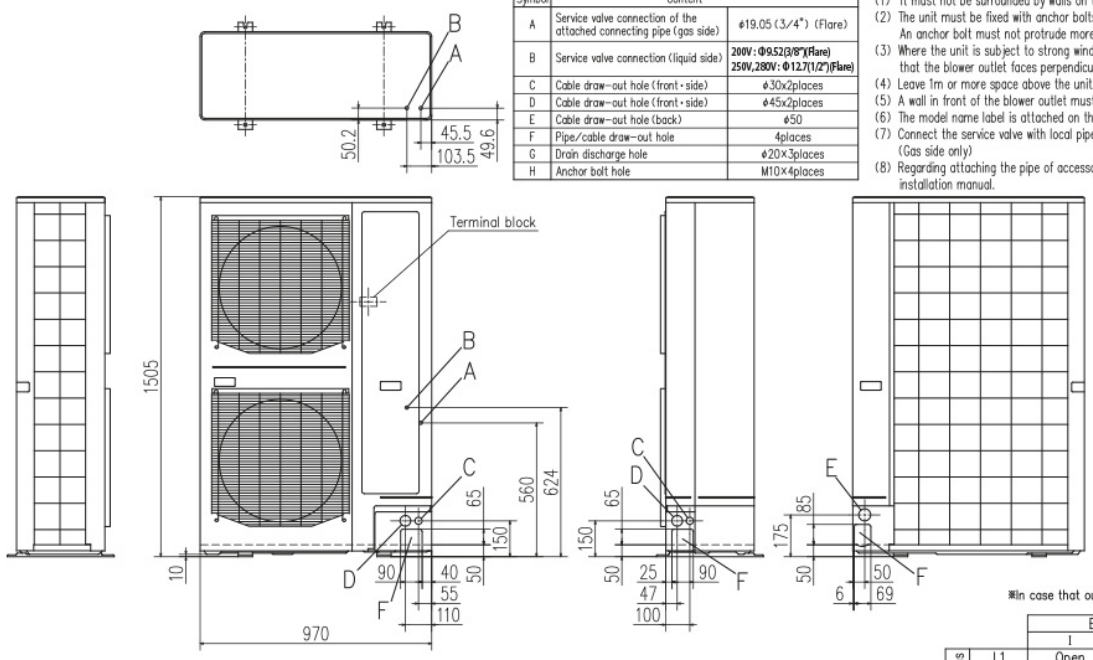
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

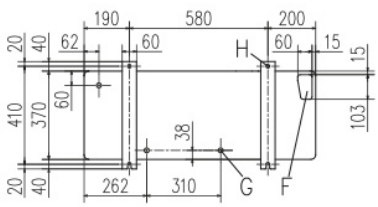
Schema tehnică

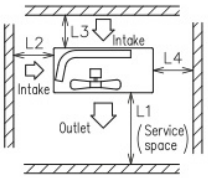
FDC200VSA-W, 250VSA-W, FDC280VSA-W
FDC250VSA

Symbol	Content	
A	Service valve connection of the attached connecting pipe (gas side)	ϕ19.05 (3/4") (Flare)
B	Service valve connection (liquid side)	200V : Φ9.52(3/8")(Flare) 250V,280V : Φ12.7(1/2")(Flare)
C	Cable draw-out hole (front・side)	ϕ30×2places
D	Cable draw-out hole (front・side)	ϕ45×2places
E	Cable draw-out hole (back)	ϕ50
F	Pipe/cable draw-out hole	4places
G	Drain discharge hole	ϕ20×3places
H	Anchor bolt hole	M10×4places

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)
(8) Regarding attaching the pipe of accessories, refer to an attached installation manual.







Minimum installation space

※In case that outdoor temperature is 44℃ or lower

		Examples of installation		
		I	II	III
Dimensions	L1	Open	Open	500
	L2	300	5	Open
	L3	150	300	150
	L4	250 (5) ※1	250 (5) ※1	250 (5) ※1

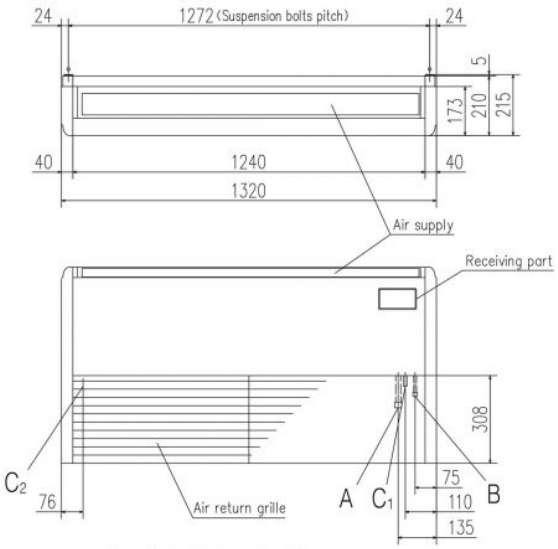
※1 If unit is installed in L4 space with ( )'s condition, secure space of 250mm in lateral (L4) by unit movement at the time of exchange work of compressor.

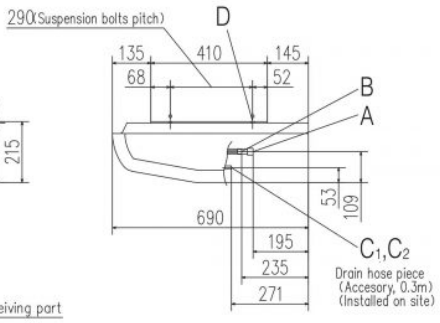
※In case that outdoor temperature is higher than 44℃

		Examples of installation		
		I	II	III
Dimensions	L1	Open	Open	2400
	L2	300	750	Open
	L3	300	300	300
	L4	750	300	1500

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

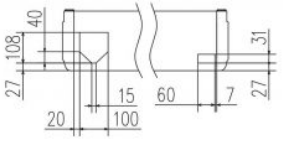
Note (1) The model name label is attached on the fan casing inside the air return grille.





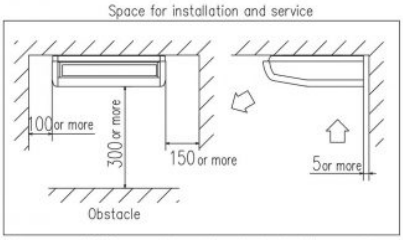


Note) The slope of drain piping inside the unit must take decline of 10mm.

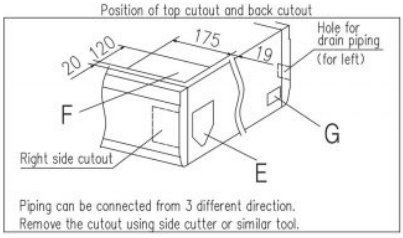


Symbol		Content	
	Model	FDE60	FDE71
A	Gas piping	ϕ12.7 (1/2") (Flare)	ϕ15.88 (5/8") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)	ϕ9.52 (3/8") (Flare)
C 1,2	Drain piping	VP20 (I.D.20, O.D.26)	
D	Hole for suspension bolts	(M10 or M8)	
E	Back cutout	PE cover	
F	Top cutout	Plate cover	
G	Hole for drain piping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