

MITSUBISHI HEAVY INDUSTRIES

FDUM200VSAWPVH

20.0 KW



Unitate interna : FDUM100VH-x-2



Unitate externa : FDC200VSA-W

Specificații tehnice

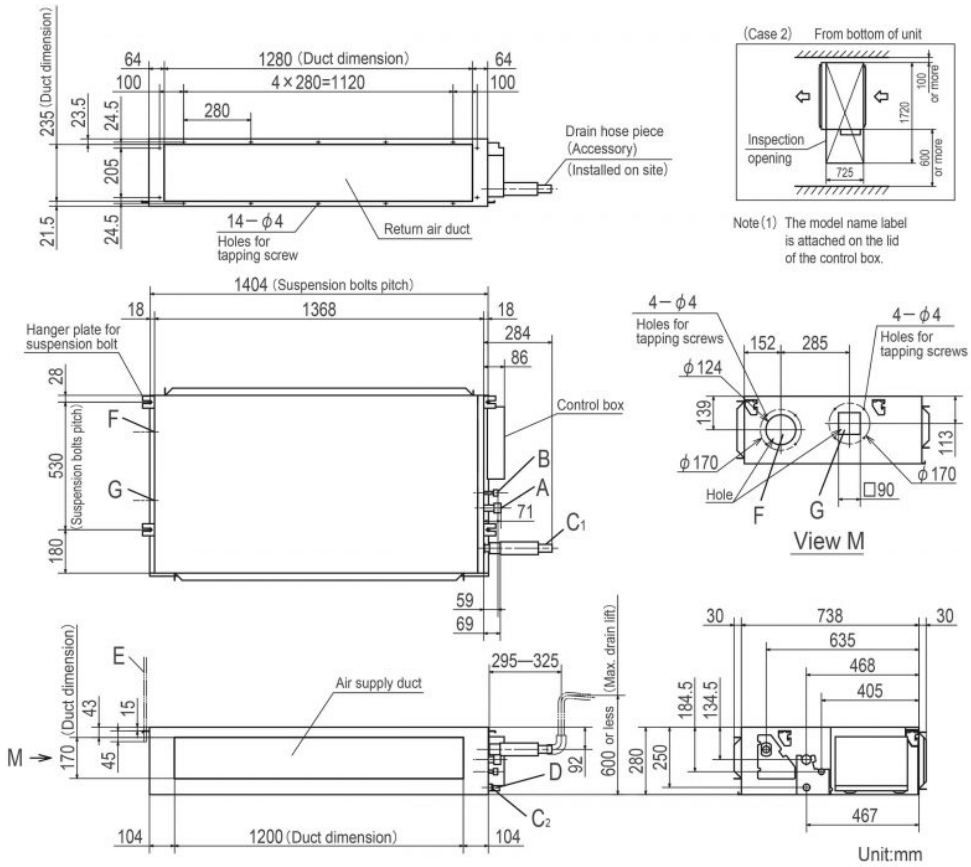
R32

Unitate internă				FDUM100VH x 2
Unitate externă				FDC200VSA-W
Sursă de alimentare				Trifazic 380-415V, 50Hz / 380V, 60Hz
Capacitate nominală de răcire (Min-Max)			kW	20.0 (6.8 ~ 22.4)
Capacitate nominală de încălzire (Min-Max)			kW	22.4 (6.7 ~ 25.0)
Power Consumption		Răcire/Încălzire	kW	6.58 / 5.59
EER/COP		Răcire/Încălzire	kW	3.04 / 4.01
Curent de intrare			A	5
Max. current			A	19
Nivel putere sonoră*1	U.I.*3	Răcire/Încălzire	dB(A)	65 / 65
	U.E.	Răcire/Încălzire		72 / 74
Nivel presiune sonoră*1	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)		44 / 38 / 36 / 30
		Încălzire (P-Hi/Hi/Me/Lo)		44 / 38 / 36 / 30
	U.E.	Răcire/Încălzire		58 / 59
Flux de aer	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)	m^3/min	36 / 28 / 25 / 19
		Încălzire (P-Hi/Hi/Me/Lo)		36 / 28 / 25 / 19
	U.E.	Răcire/Încălzire		148 / 134
Presiune statică externă			Pa	Standard:60 Max:100
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	280 x 1,370 x 740
	U.E.		mm	1,505 x 970 x 370
Greutate netă		U.I./U.E.	kg	54 / 144
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.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				Kit filtru : UM-FL3EF
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-KIT4-E2

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

Schema tehnică

Models FDUM100VH,125VH,140VH



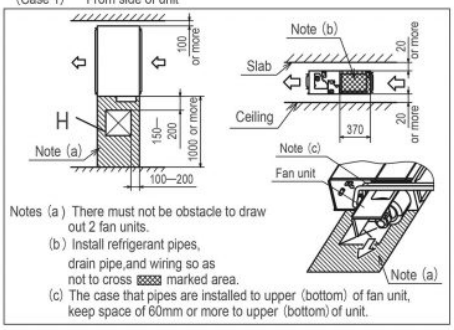
Note (1) The model name label is attached on the lid of the control box.

Symbol	Content	
A	Gas piping	φ15.88 (5/8") (Flare)
B	Liquid piping	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(φ150) (Knock out)
G	Air outlet opening for ducting	(φ125) (Knock out)
H	Inspection opening	(450×450)

Space for installation and service

Select either of two cases to keep space for installation and services.

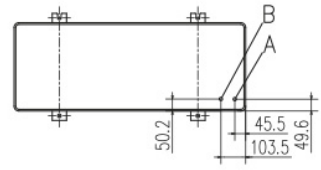
(Case 1) From side of unit



Notes (a) There must not be obstacle to draw out 2 fan units.
(b) Install refrigerant pipes, drain pipe, and wiring so as not to cross ▨ marked area.
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

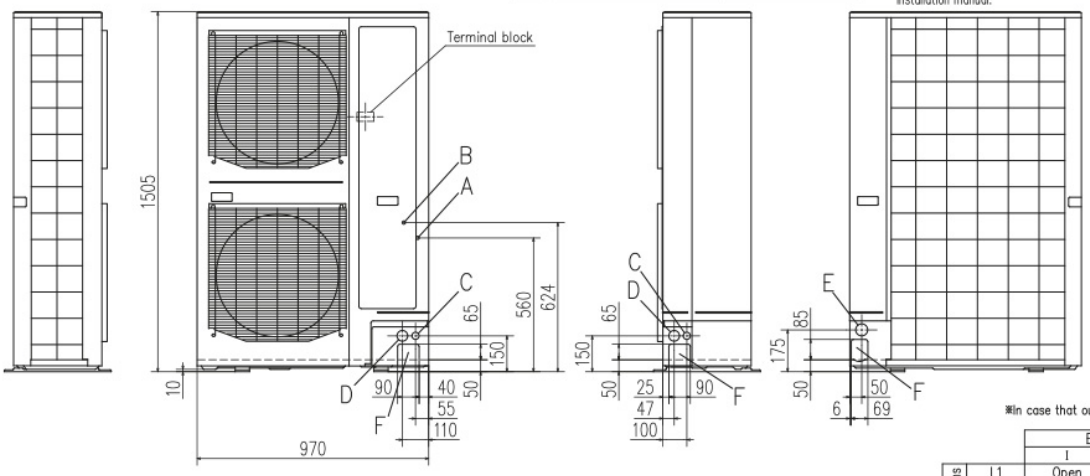
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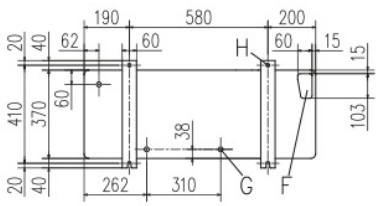
FDC200VSA-W, 250VSA-W, FDC280VSA-W
FDC250VSA

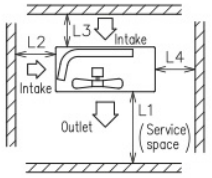


Symbol	Content	
A	Service valve connection of the attached connecting pipe (gas side)	ϕ19.05 (3/4") (Flare)
B	Service valve connection (liquid side)	200V : ϕ9.52(3/8")(Flare) 250V,280V : ϕ12.7(1/2")(Flare)
C	Cable draw-out hole (front・side)	ϕ30x2places
D	Cable draw-out hole (front・side)	ϕ45x2places
E	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

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