

MITSUBISHI HEAVY INDUSTRIES

FDU280VSAWVH

27.0 KW



Unitate interna : FDU280VH



Unitate externa : FDC280VSA-W

Specificații tehnice

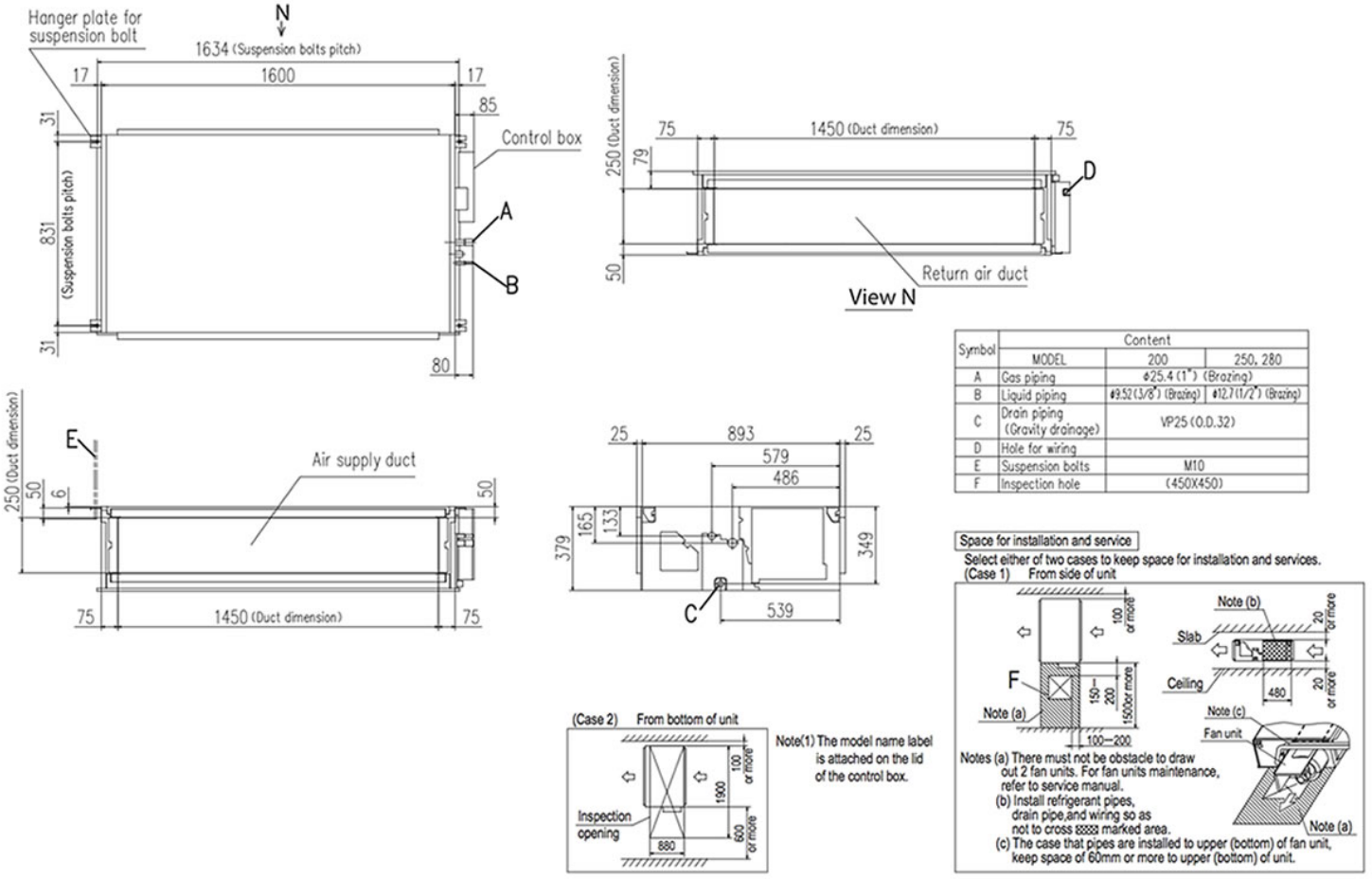
R32

Unitate internă				FDU280VH
Unitate externă				FDC280VSA-W
Sursă de alimentare				Trifazic 380-415V, 50Hz / 380V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	27.0 (6.9 ~ 31.5)
Capacitate nominală de încălzire (Min~Max)			kW	30.0 (6.9 ~ 33.5)
Consum de energie		Răcire/Încălzire	kW	9.15 / 9.12
EER/COP		Răcire/Încălzire		2.95 / 3.29
Curent de intrare			A	5
Amperaj maxim			A	25
Nivel putere sonoră*[1]	U.I. *[3]	Răcire/Încălzire	dB(A)	78 / 78
	U.E.	Răcire/Încălzire		75 / 77
Nivel presiune sonoră*[1]	U.I. *[3]	Răcire (Hi/Me/Lo/Ulo)		52 / 50 / 47 / 45
		Încălzire (Hi/Me/Lo/Ulo)		52 / 50 / 47 / 44
	U.E.	Răcire/Încălzire		61 / 63
Flux de aer	U.I. *[3]	Răcire (Hi/Me/Lo/Ulo)	m^3/min	80 / 72 / 64 / 56
		Încălzire (Hi/Me/Lo/Ulo)		80 / 72 / 64 / 56
	U.E.	Răcire/Încălzire		136 / 140
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	379 x 1,600 x 893
	U.E.			1,505 x 970 x 370
Greutate netă	U.I. / U.E.		kg	88 / 155
Refrigerant		Tip/GWP		R32/675
Dimensiuni țeavă refrigerant		Lichid/Gaz	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		-20~20
Filtru de aer (cantitate)				Discutați cu un specialist ATX
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-KIT4-E2
SEER				
SCOP (Climat temperat)				

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

Schema tehnică

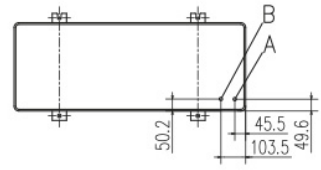
Models FDU200VH, 250VH, 280VH



Symbol	Content		
	MODEL	200	250, 280
A	Gas piping	ϕ25.4 (1") (Brazing)	
B	Liquid piping	ϕ9.52 (3/8") (Brazing)	ϕ12.7 (1/2") (Brazing)
C	Drain piping (Gravity drainage)	VP25 (O.D.32)	
D	Hole for wiring		
E	Suspension bolts	M10	
F	Inspection hole	(450X450)	

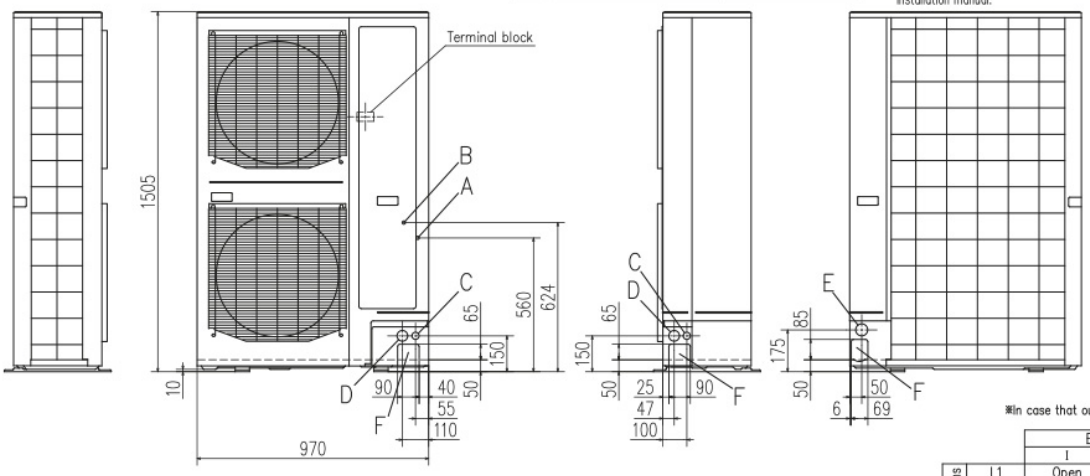
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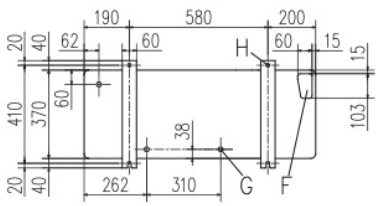
FDC200VSA-W, 250VSA-W, FDC280VSA-W
FDC250VSA

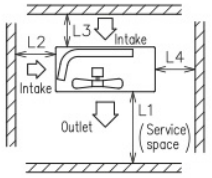


Symbol	Content	
A	Service valve connection of the attached connecting pipe (gas side)	ϕ19.05 (3/4") (Flare)
B	Service valve connection (liquid side)	200V : ϕ9.52(3/8")(Flare) 250V,280V : ϕ12.7(1/2")(Flare)
C	Cable draw-out hole (front・side)	ϕ30x2places
D	Cable draw-out hole (front・side)	ϕ45x2places
E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