

MITSUBISHI HEAVY INDUSTRIES

FDF125VNXVD

12.5 KW



Unitate interna : FDF125VD



Unitate externa : FDC125VNX

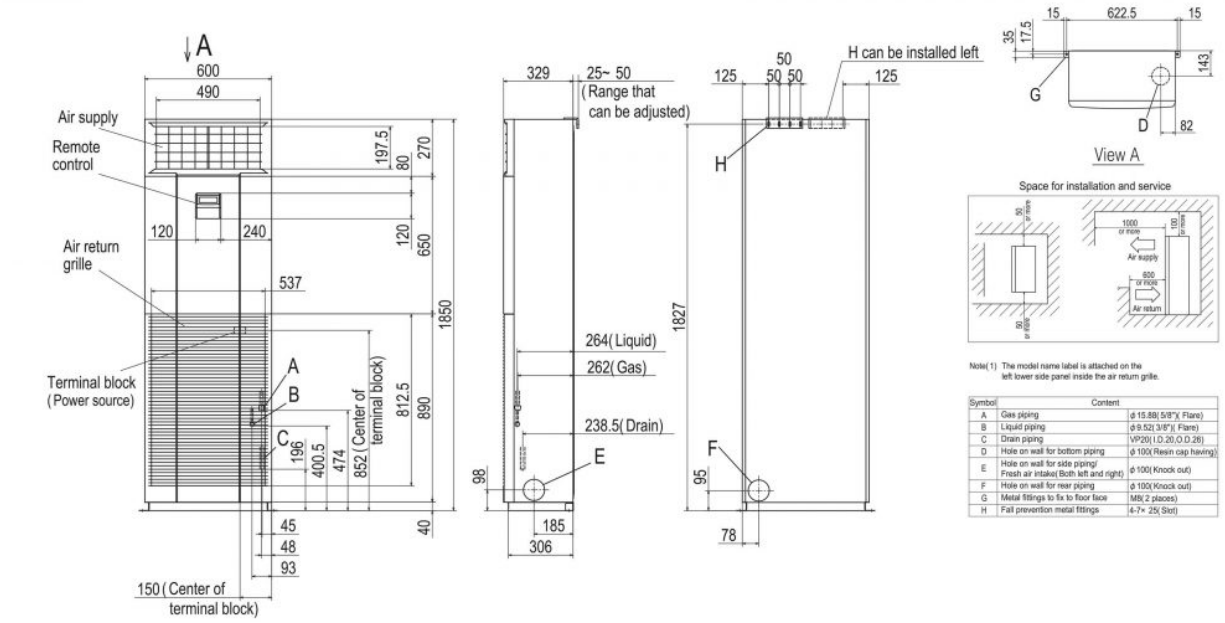
Specificații tehnice

Unitate internă				FDF125VD
Unitate externă				FDC125VNX
Sursă de alimentare				Monofazic 220-240V, 50Hz / 220V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	12.5 (5.0 ~ 14.0)
Capacitate nominală de încălzire (Min~Max)			kW	14.0 (4.0 ~ 17.0)
Consum de energie		Răcire/Încălzire	kW	3.89 / 3.88
EER/COP		Răcire/Încălzire		3.21 / 3.61
Curent de intrare			A	5
Amperaj maxim			A	26
Nivel putere sonoră*[1]	U.I.	Răcire/Încălzire	dB(A)	73 / 73
	U.E.	Răcire/Încălzire		70 / 70
Nivel presiune sonoră*[1]	U.I.	Răcire (Hi/Me/Lo/Ulo)		54 / 50 / 48 / 44
		Încălzire (Hi/Me/Lo/Ulo)		54 / 50 / 48 / 44
	U.E.	Răcire/Încălzire		48 / 50
Flux de aer	U.I.	Răcire (Hi/Me/Lo/Ulo)	m^3/min	29 / 26 / 23 / 19
		Încălzire (Hi/Me/Lo/Ulo)		29 / 26 / 23 / 19
	U.E.	Răcire/Încălzire		100 / 100
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	1,850 x 600 x 320
	U.E.			1,300 x 970 x 370
Greutate netă	U.I. / U.E.		kg	52 / 105
Refrigerant		Tip/GWP		R410A/2088
Dimensiuni țeavă refrigerant		Lichid/Gaz	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.30 / Max.15
Interval de funcționare - temperatură exterioară		Răcire*[2]	°C	-15~43
		Încălzire		-20~20
Filtru de aer (cantitate)				Plastic net x 1(washable)
Telecomandă (opțional)				Cu fir:RC-E5 (inclusă) Wireless:RCN-KIT4-E2 (opțional)
SEER				4.97
SCOP (Climat temperat)				3.60

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

Schema tehnică

DIMENSIONS (Unit:mm) - FDF -

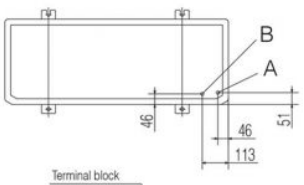


Note(1) The model name label is attached on the left lower side panel inside the air return grille.

Symbol	Content	
A	Gas piping	ϕ 15.88(5/8")(Flare)
B	Liquid piping	ϕ 9.52(3/8")(Flare)
C	Drain piping	VP20(I.D.20,O.D.26)
D	Hole on wall for bottom piping	ϕ 100(Resin cap having)
E	Hole on wall for side piping/ Fresh air intake(Both left and right)	ϕ 100(Knock out)
F	Hole on wall for rear piping	ϕ 100(Knock out)
G	Metal fittings to fix to floor face	M8(2 places)
H	Fall prevention metal fittings	4-7× 25(Slot)

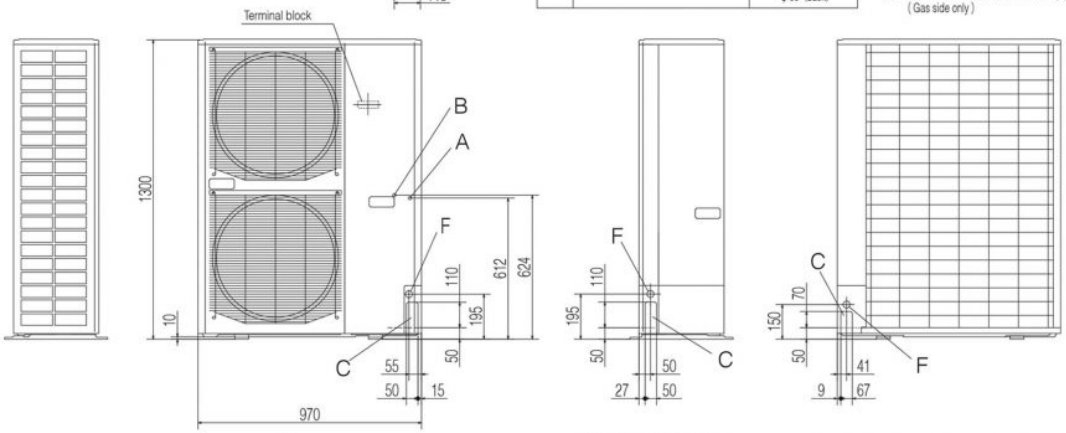
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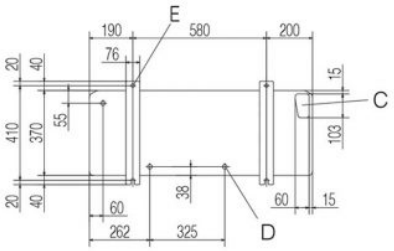
FDC100VNX, 100VSX, 125VNX, 125VSX, 140VNX, 140VSX

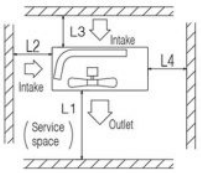


Symbol	Content	
A	Service valve connection of the attached connecting pipe (gas side)	ϕ 15.88 (5/8") (Flare)
B	Service valve connection (liquid side)	ϕ 9.52 (3/8") (Flare)
C	Pipe / cable draw-out hole	
D	Drain discharge hole	ϕ 20 × 3places
E	Anchor bolt hole	M10 × 4places
F	Cable draw-out hole	ϕ 30 (front) ϕ 45 (side) ϕ 50 (back)

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)







Minimum installation space

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

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