



TEMPERATURE CONTROL FOR TODAY & TOMORROW



FDUM125VNXPVH
12.5 KW



Unitate internă : FDUM60VH-x-2



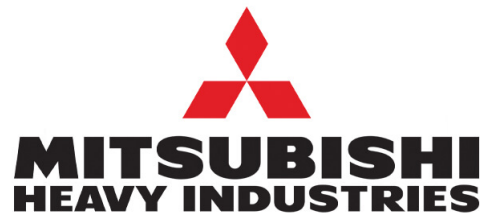
Unitate externă : FDC125VNX

Specificații tehnice

Unitate internă			FDUM60VH x 2	
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)
Power Consumption		Răcire/Încălzire	kW	3.26 / 3.66
EER/COP		Răcire/Încălzire	kW	3.83 / 3.83
Curent de intrare			A	5
Max. current			A	26
Nivel putere sonoră*1	U.I.*3	Răcire/Încălzire	dB(A)	60 / 60
	U.E.	Răcire/Încălzire		70 / 70
Nivel presiune sonoră*1	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)	dB(A)	36 / 31 / 28 / 25
		Încălzire (P-Hi/Hi/Me/Lo)		36 / 31 / 28 / 25
	U.E.	Răcire/Încălzire		48 / 50
Flux de aer	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)	m³/min	20 / 15 / 13 / 10
		Încălzire (P-Hi/Hi/Me/Lo)		20 / 15 / 13 / 10
	U.E.	Răcire/Încălzire		100 / 100
Presiune statică externă			Pa	Standard:35 Max:100
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	280 x 950 x 635
	U.E.		mm	1,300 x 970 x 370
Greutate netă		U.I./U.E.	kg	34 / 105
Refrigerant Type GWP				R410A/2088
Ref.piping size	Lichid/Gaz		Ă,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	°C	-20~20
Filtru de aer, cantitate				(Opțional) Kit filtru : UM-FL2EF
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-KIT4-E2

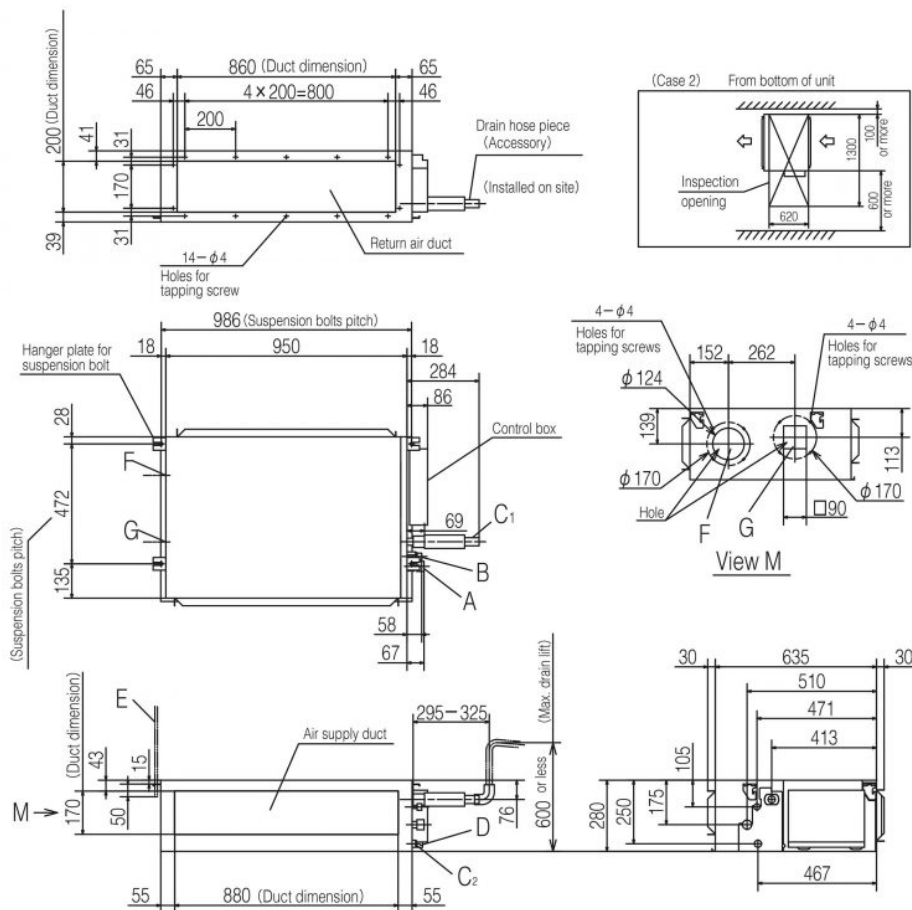


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Schema tehnică

Models FDUM60VH,71VH



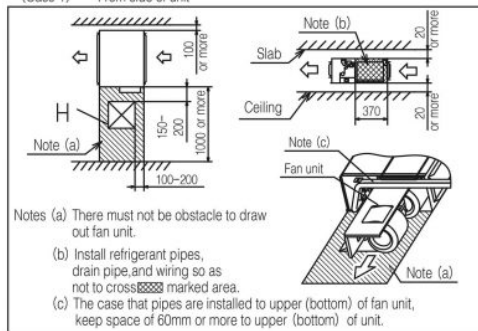
Symbol	Model	60	71
A	Gas piping	φ 12.7 (1/2") (Flare)	φ 15.88 (5/8") (Flare)
B	Liquid piping	φ 6.35 (1/4") (Flare)	φ 9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)	
C2	Drain piping (Gravity drainage)	VP20	
D	Hole for wiring		
E	Suspension bolts	(M10)	
F	Outside air opening for ducting	(φ 150) (Knock out)	
G	Air outlet opening for ducting	(φ 125) (Knock out)	
H	Inspection opening	(450×450)	

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

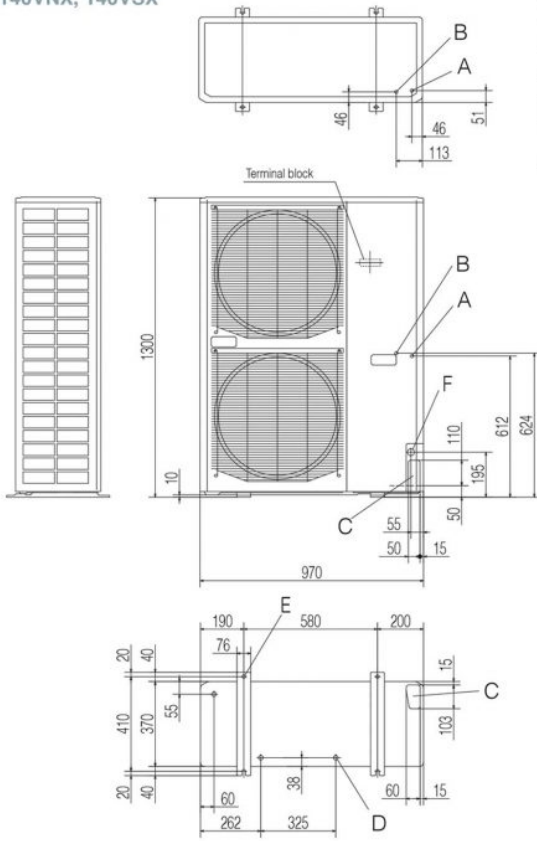
Space for installation and service

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

(Case 1) From side of unit



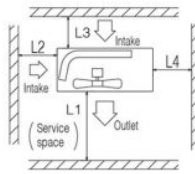
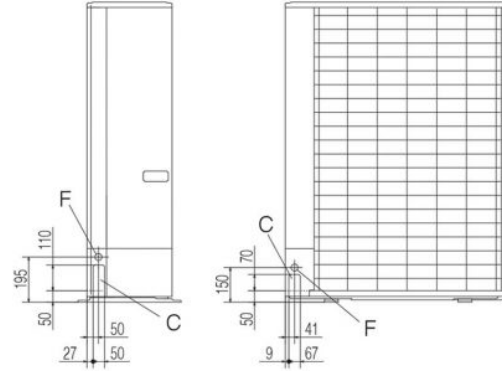
FDC100VNX, 100VSX, 125VNX, 125VSX,
140VNX, 140VSX



Symbol	Content	
A	Service valve connection of the attached connecting pipe (gas side)	φ 18.88 (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 Dimensions	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5