

MITSUBISHI HEAVY INDUSTRIES

FDUM125VSAPVH

12.5 KW



Unitate interna : FDUM60VH-x-2



Unitate externa : FDC125VSA

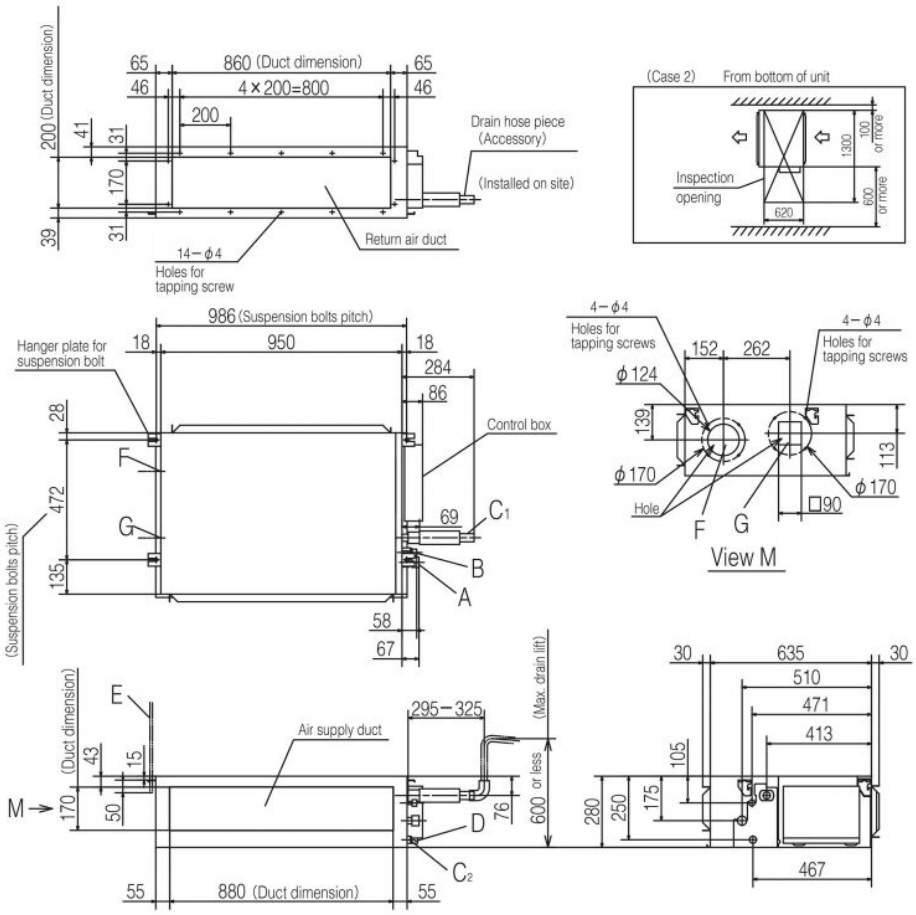
Specificații tehnice

Unitate internă				FDUM60VH x 2
Unitate externă				FDC125VSA
Sursă de alimentare				Trifazic 380-415V, 50Hz / 380V, 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 ~ 16.0)
Power Consumption		Răcire/Încălzire	kW	4.53 / 3.75
EER/COP		Răcire/Încălzire	kW	2.76 / 3.73
Curent de intrare			A	5
Max. current			A	17
Nivel putere sonoră*1	U.I.*3	Răcire/Încălzire	dB(A)	60 / 60
	U.E.	Răcire/Încălzire		71 / 71
Nivel presiune sonoră*1	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)		36 / 31 / 28 / 25
		Încălzire (P-Hi/Hi/Me/Lo)		36 / 31 / 28 / 25
	U.E.	Răcire/Încălzire		55 / 57
Flux de aer	U.I.*3	Răcire (P-Hi/Hi/Me/Lo)	m^3/min	20 / 15 / 13 / 10
		Încălzire (P-Hi/Hi/Me/Lo)		20 / 15 / 13 / 10
	U.E.	Răcire/Încălzire		75 / 73
Presiune statică externă			Pa	Standard:35 Max:100
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	280 x 950 x 635
	U.E.		mm	845 x 970 x 370
Greutate netă		U.I./U.E.	kg	34 / 82
Refrigerant Type GWP				R410A/2088
Ref.piping size	Lichid/Gaz		Ã¸mm	9.52(3/8") / 15.88(5/8")
Lungime țeavă refrigerant (o direcție)			m	Max.50
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				(Opțional) Kit filtru : UM-FL2EF
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 FDUM60VH,71VH



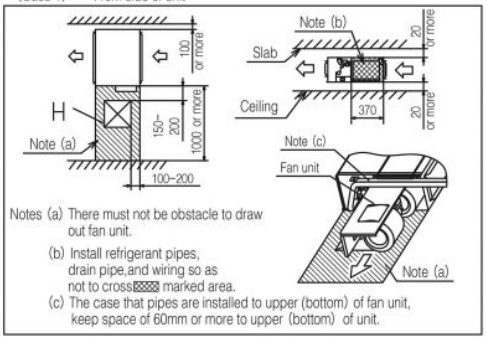
Symbol	Content		
	Model	60	71
A	Gas piping	φ12.7 (1/2") (Flare)	φ15.88 (5/8") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)	
C2	Drain piping (Gravity drainage)	VP20	
D	Hole for wiring		
E	Suspension bolts	(M10)	
F	Outside air opening for ducting	(φ150) (Knock out)	
G	Air outlet opening for ducting	(φ125) (Knock out)	
H	Inspection opening	(450×450)	

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



Notes (a) There must not be obstacle to draw out fan unit.

(b) Install refrigerant pipes, drain pipe,and wiring so as not to cross▨ marked area.

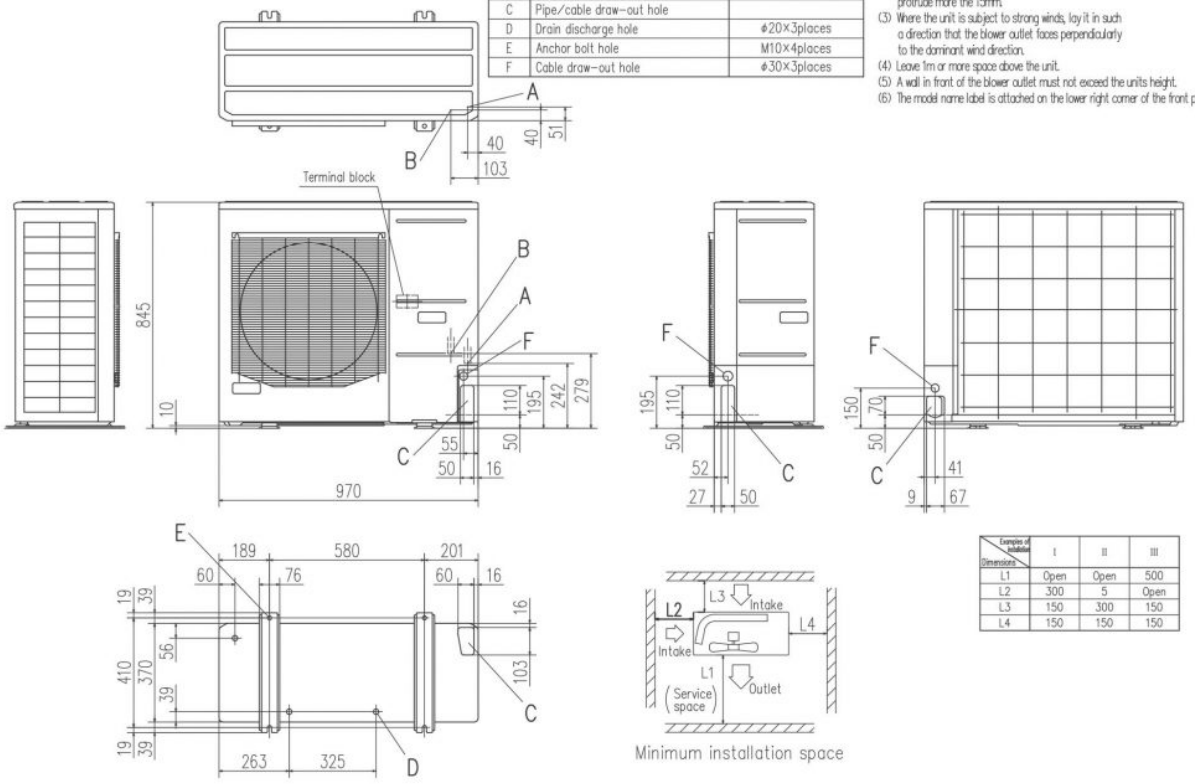
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

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FDC100VNA, 125VNA, 140VNA
100VSA, 125VSA, 140VSA

Symbol	Content	
A	Service valve connection (gas side)	ϕ15.88 (5/8") (Flare)
B	Service valve connection (liquid side)	ϕ9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20×3places
E	Anchor bolt hole	M10×4places
F	Cable draw-out hole	ϕ30×3places

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 the 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.



Minimum installation space

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

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