



TEMPERATURE CONTROL FOR TODAY & TOMORROW



FDUM100VNXVH
10.0 KW



Unitate internă : FDUM100VH



Unitate externă : FDC100VNX

Specificații tehnice

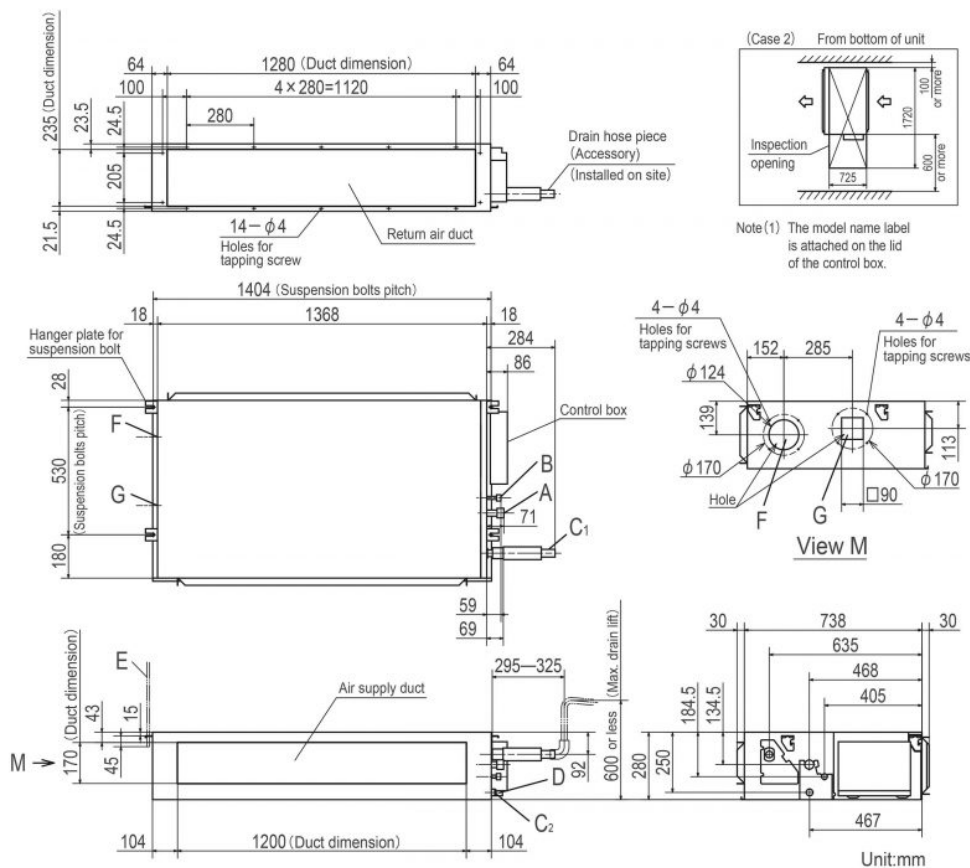
Unitate internă			FDUM100VH	
Unitate externă			FDC100VNX	
Sursă de alimentare			Monofazic 220-240V, 50Hz / 220V, 60Hz	
Capacitate nominală de răcire (Min~Max)			kW	10.0 (4.0 ~ 11.2)
Capacitate nominală de încălzire (Min~Max)			kW	11.2 (4.0 ~ 12.5)
Consum de energie	Răcire/Încălzire		kW	2.68 / 3.02
EER/COP	Răcire/Încălzire			3.73 / 3.71
Curent de intrare			A	5
Amperaj maxim			A	24
Nivel putere sonoră* ¹	U.I. * ³	Răcire/Încălzire		65 / 65
	U.E.	Răcire/Încălzire		70 / 70
Nivel presiune sonoră* ¹	U.I. * ³	Răcire (Hi/Me/Lo/Ulo)	dB(A)	44 / 38 / 36 / 30
		Încălzire (Hi/Me/Lo/Ulo)		44 / 38 / 36 / 30
	U.E.	Răcire/Încălzire		48 / 50
Flux de aer	U.I. * ³	Răcire (Hi/Me/Lo/Ulo)	m ³ /min	36 / 28 / 25 / 19
		Încălzire (Hi/Me/Lo/Ulo)		36 / 28 / 25 / 19
	U.E.	Răcire/Încălzire		100 / 100
Presiune statică externă disponibilă			Pa	Standard:60 Max:100
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	280 x 1,370 x 740
	U.E.			1,300 x 970 x 370
Greutate netă	U.I. / U.E.		kg	54 / 105
Refrigerant		Tip/GWP		R410A/2088
Refrigerant		Încărcare	kg/TCO2Eq	4.5/9.396
Dimensiuni țeavă refrigerant		Lichid/Gaz	mm/Ø	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)				(Opțional) Kit filtru : UM-FL3EF
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-KIT4-E2
Clasa Energetică (Răcire/Încălzire)				A/A+
SEER				5.22
SCOP (Climat temperat)				4.10
Pdesign (răcire/încălzire(@-10°C))			kW	10.0/13.0
Consumul anual de electricitate (răcire/încălzire)			kWh/a	670/4441
Performanța pe modul încălzire				Climat temperat

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



**MITSUBISHI
HEAVY INDUSTRIES**

Models FDUM100VH,125VH,140VH

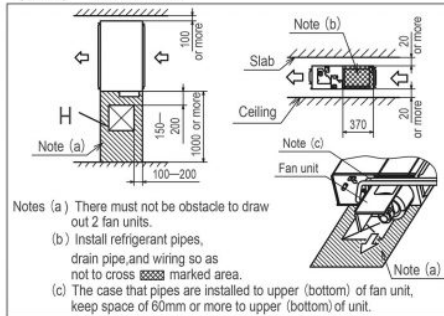


Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Liquid piping $\phi 9.52 (3/8")$ (Flare)
C ₁	Drain piping VP25 (O.D.32)
C ₂	Drain piping (Gravity drainage) VP20
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting ($\phi 150$) (Knock out)
G	Air outlet opening for ducting ($\phi 125$) (Knock out)
H	Inspection opening (450x450)

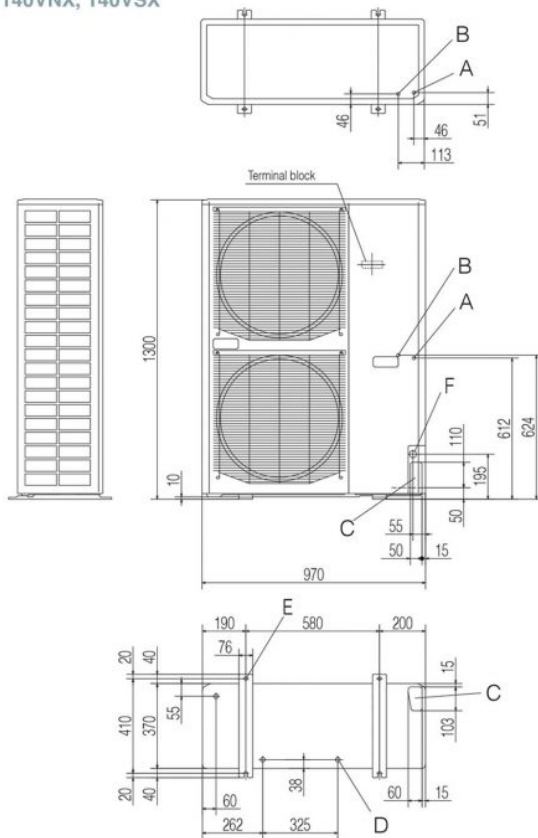
Space for installation and service

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

(Case 1) From side of unit



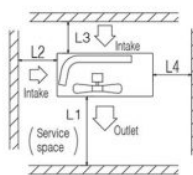
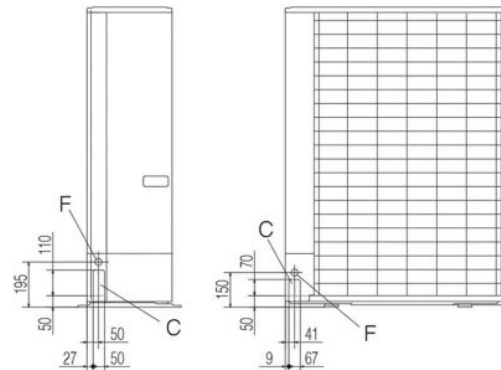
FDC100VNX, 100VSX, 125VNX, 125VSX,
140VNX, 140VSX



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

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 unit's 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	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5