MITSUBISHI HEAVY INDUSTRIES

FDU100VSXVH

Capacitate nominala de racire: 10.0 KW

Poze unitate interna si unitate externa

Specificatii

Unitate internă			FDU100VH
Unitate externă			FDC100VSX
Sursă de alimentare			Trifazic 380-415V, 50Hz / 380V, 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 ~ 16.0)
Consum de energie	Răcire/Încălzire	kW	2.68 / 3.02
EER/COP	Răcire/Încălzire		3.73 / 3.71

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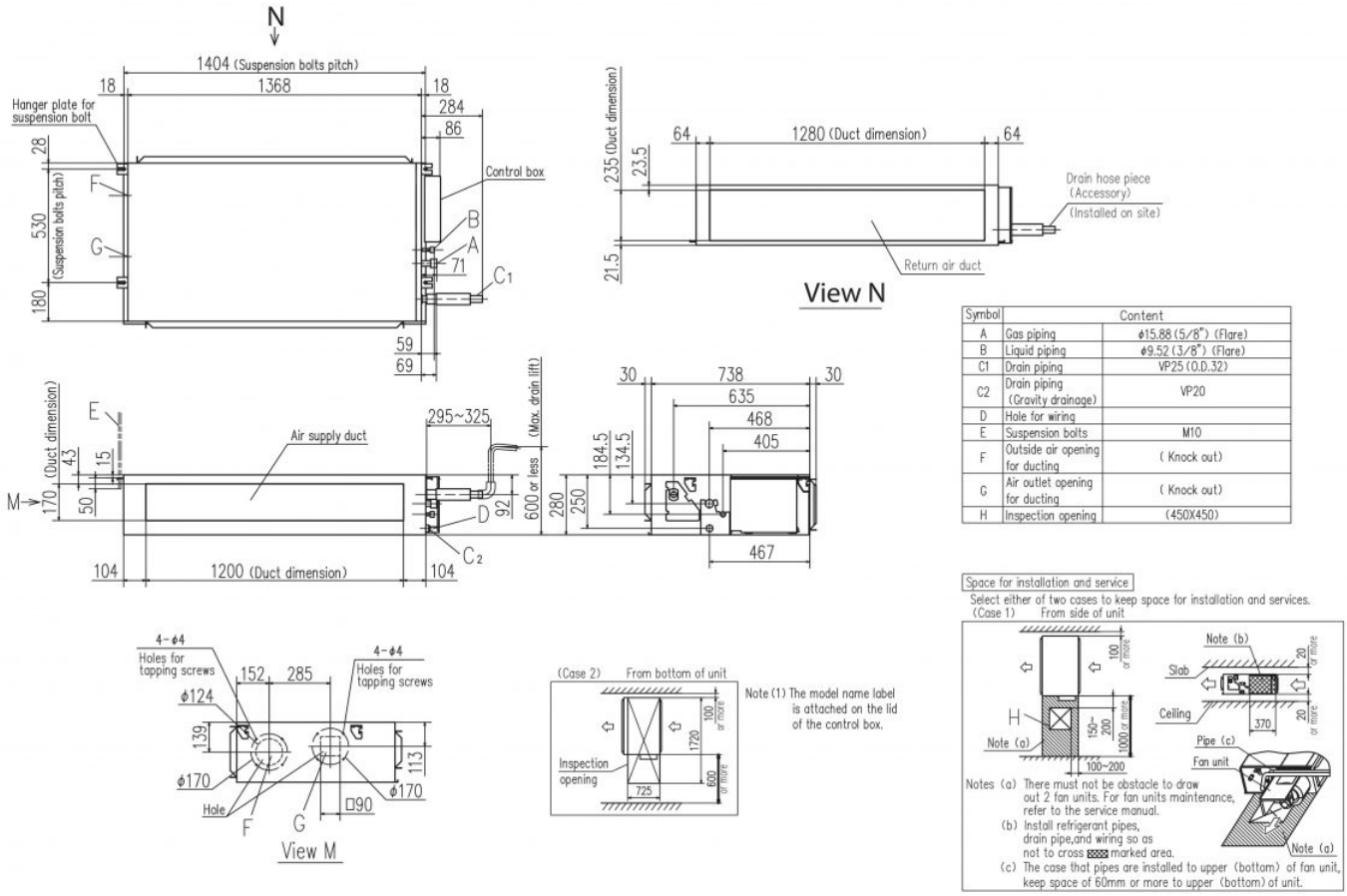
Curent de intrare			A	5
Amperaj maxim			A	16
Nivel putere sonoră*1	U.I. *3	Răcire/Încălzire	dB(A)	65 / 65
	U.E.	Răcire/Încălzire		70 / 70
Nivel presiune sonoră*1	U.I. *3	Răcire (Hi/Me/Lo/Ulo)		44 / 38 / 36 / 30
		Încălzire (Hi/Me/Lo/Ulo)		44 / 38 / 36 / 30
	U.E.	Răcire/Încălzire		48 / 50
Flux de aer	U.I. *3	Răcire (Hi/Me/Lo/Ulo)	m3/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:200
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

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

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)			Discutați cu un specialist ATX
Telecomandă (opțional)			Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-KIT4-E2
Clasa Energetică (Răcire/Încălzire)			A/A+
SEER			5.19
SCOP (Climat temperat)			4.10
Pdesign (răcire/încălzire(@-10°C))		kW	10.0/13.0
Consumul anual de electricitate (răcire/încălzire)		kWh/a	675/4443
Performanța pe modul încălzire			Climat temperat

Schema tehnica

Models FDU100VH,125VH,140VH



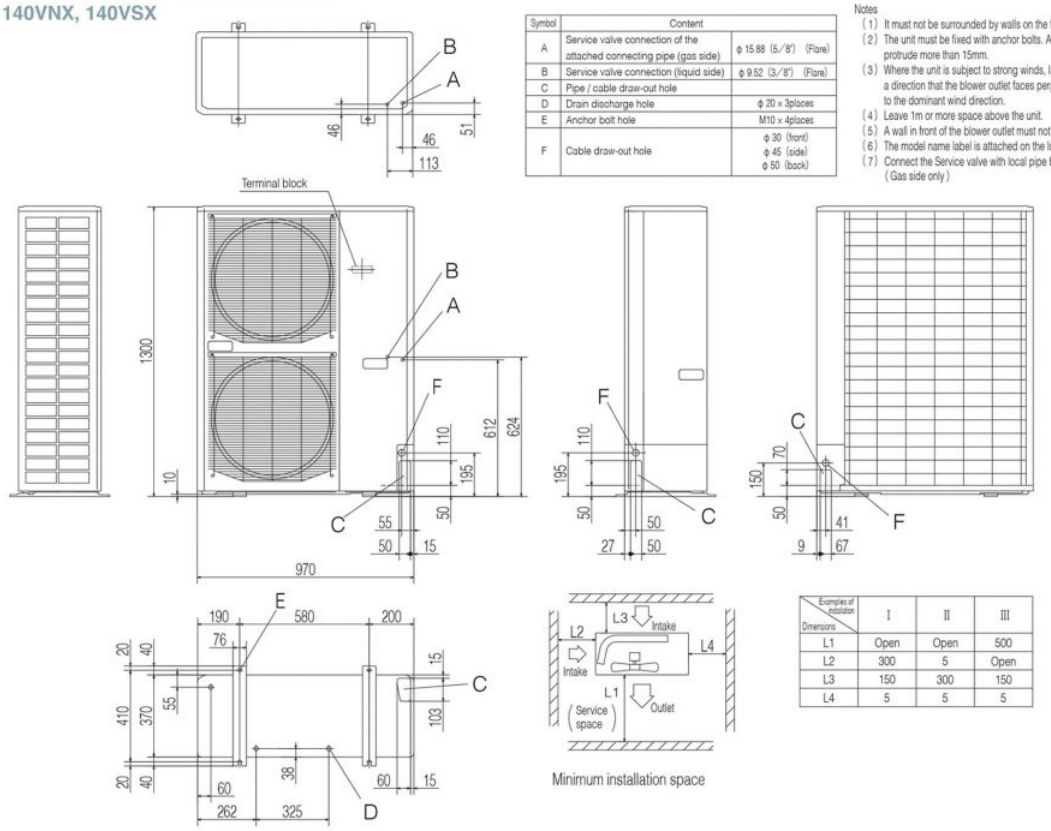
Symbol	Content	
A	Gas piping	φ15.88 (5/8") (Flare)
B	Liquid piping	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	M10
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection opening	(450X450)

Space for installation and service

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

Notes (a) There must not be obstacle to draw out 2 fan units. For fan units maintenance, refer to the service manual.
(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.

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)

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