

MITSUBISHI HEAVY INDUSTRIES

FDUM71VNPWVH

7.1 KW



Unitate interna : FDUM71VH



Unitate externa : FDC71VNP-W

Specificații tehnice

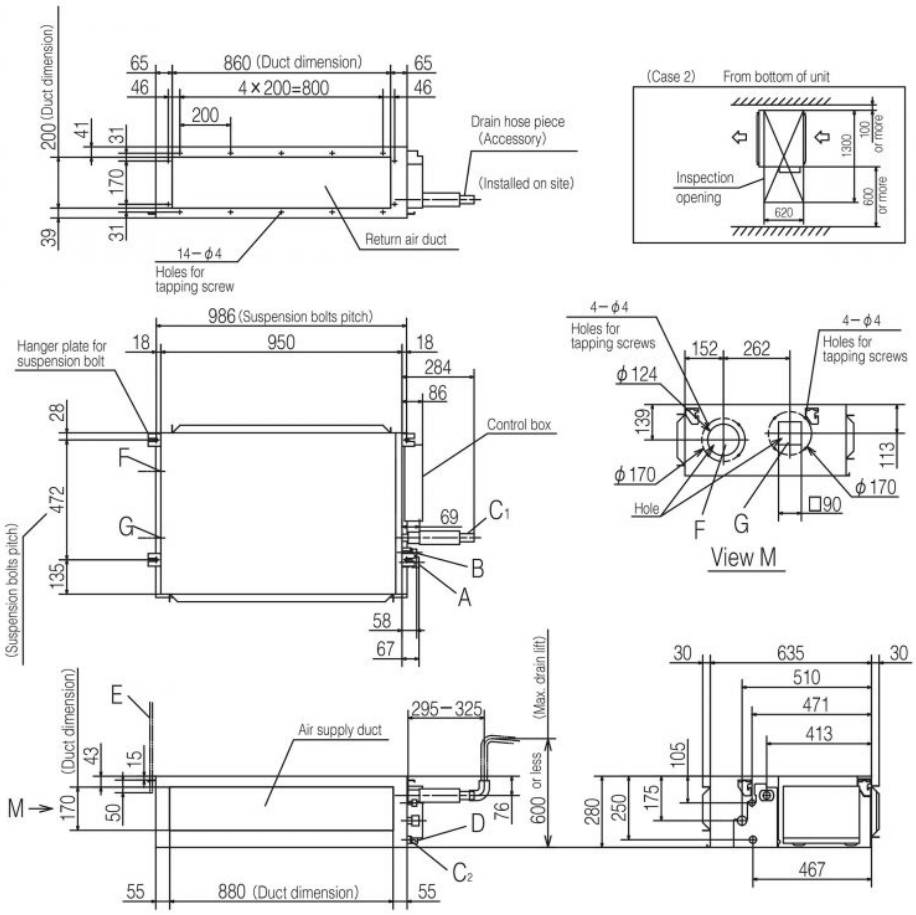
R32

Unitate internă				FDUM71VH
Unitate externă				FDC71VNP-W
Sursă de alimentare				Monofazic 220-240V, 50Hz / 220V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	7.1 (1.5 ~ 7.3)
Capacitate nominală de încălzire (Min~Max)			kW	7.1 (1.1 ~ 7.3)
Consum de energie		Răcire/Încălzire	kW	2.60 / 1.89
EER/COP		Răcire/Încălzire		2.73 / 3.76
Curent de intrare			A	5
Amperaj maxim			A	15.8
Nivel putere sonoră*1	U.I. *3	Răcire/Încălzire	dB(A)	65 / 65
	U.E.	Răcire/Încălzire		67 / 67
Nivel presiune sonoră*1	U.I. *3	Răcire (Hi/Me/Lo/Ulo)		38 / 33 / 29 / 25
		Încălzire (Hi/Me/Lo/Ulo)		38 / 33 / 29 / 25
	U.E.	Răcire/Încălzire		54 / 54
Flux de aer	U.I. *3	Răcire (Hi/Me/Lo/Ulo)	m^3/min	24 / 19 / 15 / 10
		Încălzire (Hi/Me/Lo/Ulo)		24 / 19 / 15 / 10
	U.E.	Răcire/Încălzire		42 / 42
Presiune statică externă disponibilă			Pa	Standard:35 Max:100
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	280 x 950 x 635
	U.E.			640 x 800(+71) x 290
Greutate netă	U.I. / U.E.		kg	34 / 45
Refrigerant		Tip/GWP		R32/675
Refrigerant		Încărcare	kg/TCO2Eq	1.3/0.878
Dimensiuni țeavă refrigerant		Lichid/Gaz	mm/□	6.35(1/4") / 12.7(1/2")
Lungime țeavă refrigerant (o direcție)			m	Max.30
Diferență de nivel suportată		Unitate externă este mai sus/mai jos	m	Max.20 / Max.20
Interval de funcționare - temperatură exterioară		Răcire*2	°C	-15~46
		Încălzire		-15~20
Filtru de aer (cantitate)				(Opțional) Kit filtru : UM-FL2EF
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3 Wireless:RCN-KIT4-E2
Clasa Energetică (Răcire/Încălzire)				A+/A+
SEER				5.86
SCOP (Climat temperat)				4.12
Pdesign (răcire/încălzire(@-10°C))			kW	7.1/5.70
Consumul anual de electricitate (răcire/încălzire)			kWh/a	425/1937
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.

Schema tehnică

Models FDUM60VH,71VH



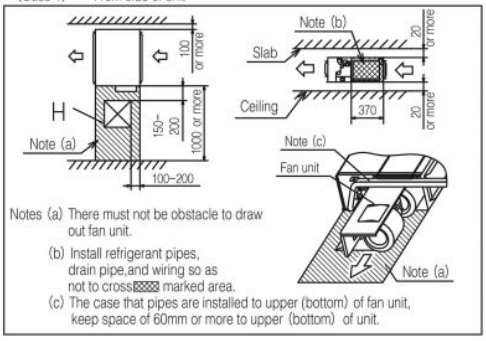
Symbol	Content		
	Model	60	71
A	Gas piping	φ12.7 (1/2") (Flare)	φ15.88 (5/8") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)	
C2	Drain piping (Gravity drainage)	VP20	
D	Hole for wiring		
E	Suspension bolts	(M10)	
F	Outside air opening for ducting	(φ150)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



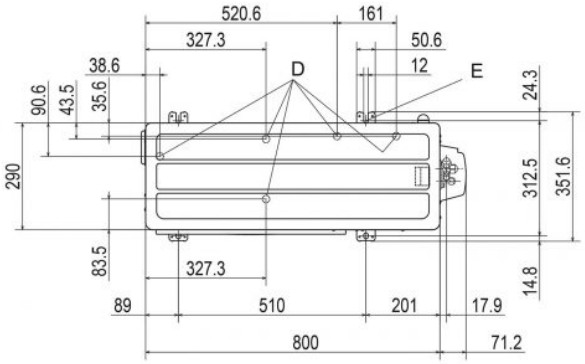
Notes (a) There must not be obstacle to draw out fan unit.

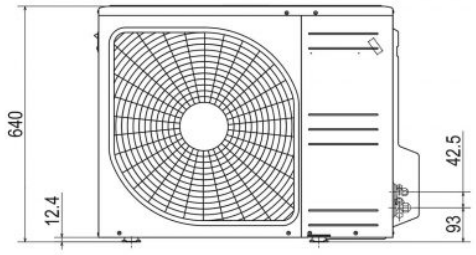
(b) Install refrigerant pipes, drain pipe,and wiring so as not to cross▨ marked area.

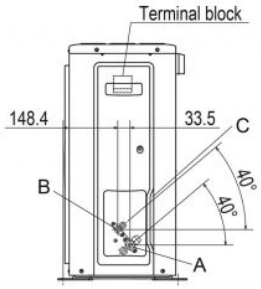
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

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FDC71VNP-W
FDC71VNP

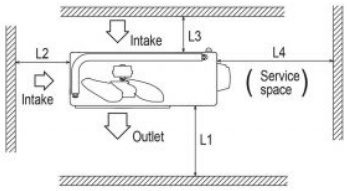






Symbol	Content	
A	Service valve connection(gas side)	φ12.7(1/2")(Flare)
B	Service valve connection(liquid side)	φ6.35(1/4")(Flare)
C	Pipe/ cable draw-out hole	
D	Drain discharge hole	φ20× 5 places
E	Anchor bolt hole	M10× 4 places

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.



Minimum installation space

Examples of installation / Dimensions	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open

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