



TEMPERATURE CONTROL FOR TODAY & TOMORROW



FDF100VSXVD2
10.0 KW



Unitate internă : FDF100VD2



Unitate externă : FDC100VSX

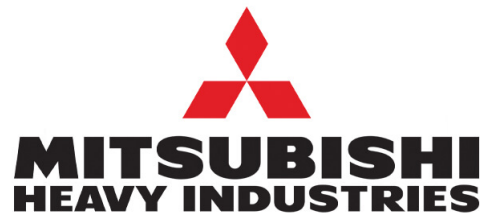
Specificații tehnice

Unitate internă			FDF100VD2		
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	2.83 / 3.04	
EER/COP	Răcire/Încălzire			3.53 / 3.68	
Curent de intrare		A	5		
Amperaj maxim		A	15		
Nivel putere sonoră* ¹	U.I.	Răcire/Încălzire		65 / 65	
	U.E.	Răcire/Încălzire		70 / 70	
Nivel presiune sonoră* ¹	U.I.	Răcire (Hi/Me/Lo/Ulo)	dB(A)	54 / 50 / 48 / 44	
		Încălzire (Hi/Me/Lo/Ulo)		54 / 50 / 48 / 44	
	U.E.	Răcire/Încălzire		48 / 50	
Flux de aer	U.I.	Răcire (Hi/Me/Lo/Ulo)	m ³ /min	29 / 26 / 23 / 19	
		Încălzire (Hi/Me/Lo/Ulo)		29 / 26 / 23 / 19	
	U.E.	Răcire/Încălzire		100 / 100	
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	1,850 x 600 x 320	
	U.E.			1,300 x 970 x 370	
Greutate netă	U.I. / U.E.		kg	52 / 105	
Refrigerant		Tip/GWP		R410A/2088	
Refrigerant		Încărcare	kg/TCO2Eq	4.5/9.396	
Dimensiuni țeavă refrigerant		Lichid/Gaz	mm/ℓ	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		Răcire* ²	°C	-15~43	
- temperatură exterioară		Încălzire		-20~20	
Filtru de aer (cantitate)			Plastic net x 1(washable)		
Telecomandă (opțional)			Cu fir:RC-E5 (inclusă) Wireless:RCN-KIT4-E2 (opțional)		
Clasa Energetică (Răcire/Încălzire)			A/A		
SEER			5.17		
SCOP (Climat temperat)			3.80		
Pdesign (răcire/încălzire(@-10°C))		kW	10.0/13.0		
Consumul anual de electricitate (răcire/încălzire)		kWh/a	678/4795		
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.

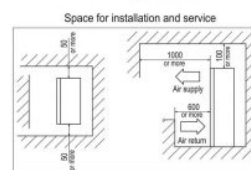
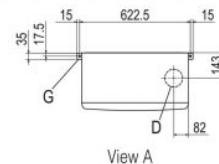
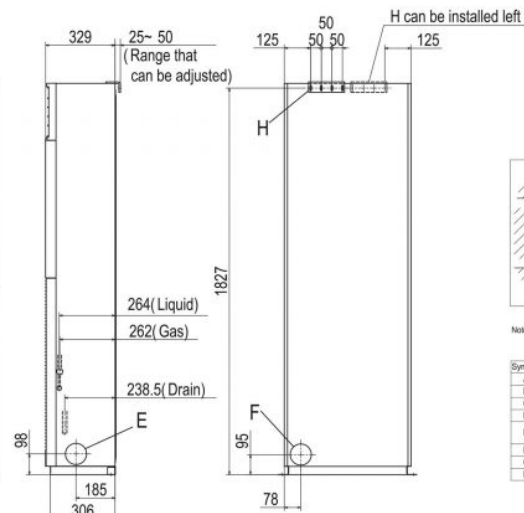
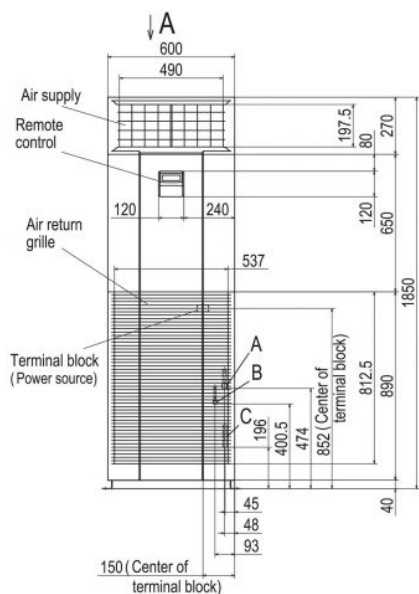


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Schema tehnică

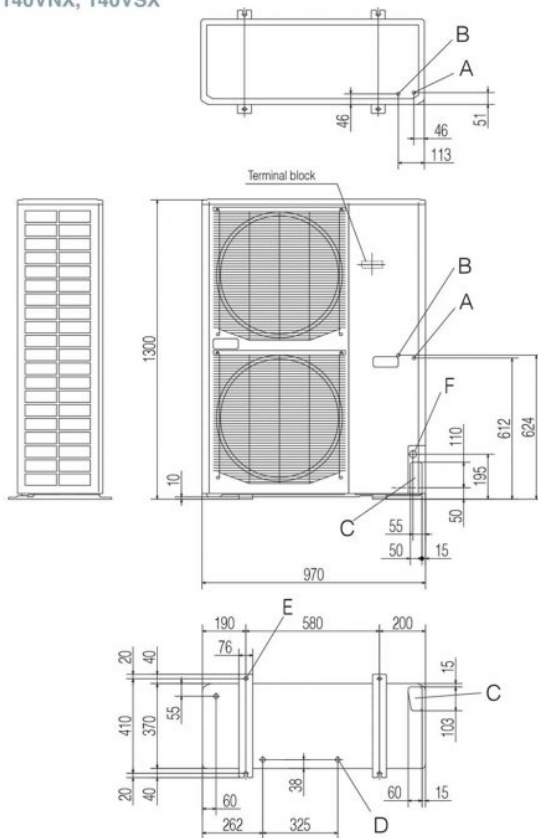
DIMENSIONS (Unit:mm) - FDF -



Note(1) The model name label is attached on the left lower side panel inside the air return grille.

Symbol	Content
A	Gas piping (ø 15.88 5/8" Flare)
B	Liquid piping (ø 9.52 3/8" Flare)
C	Drain piping (ø 9.52 3/8" Flare)
D	Hole on wall for bottom piping (ø 100 (Pneum cap having))
E	Hole on wall for side piping/ Fresh air intake (Both left and right) (ø 100 (Knock out))
F	Hole on wall for rear piping (ø 100 (Knock out))
G	Metal fittings to fix to floor face (M8 (2 places))
H	Fall prevention metal fittings (4~75 (Sut))

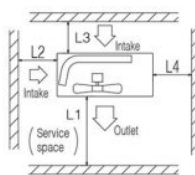
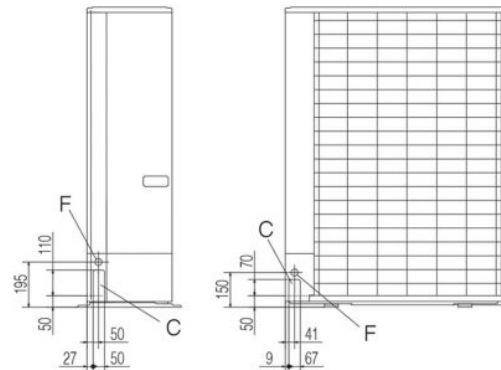
FDC100VNX, 100VSX, 125VNX, 125VSX,
140VNX, 140VSX



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
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole M10 $\times 4$ places
F	Cable draw-out hole $\phi 30$ (front) $\phi 45$ (side) $\phi 50$ (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 installation	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5