MITSUBISHI HEAVY INDUSTRIES

FDTC100VNAWPVH

10.0 KW

Unitate interna : FDTC50VH-x-2

Unitate externa : FDC100VNA-W

Specificații tehnice

R32

Unitate internă				FDTC50VH x 2
Unitate externă				FDC100VNA-W
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)
Power Consumption		Răcire/Încălzire	kW	3.15 / 3.05
EER/COP		Răcire/Încălzire	kW	3.17 / 3.67
Curent de intrare			A	5
Max. current			A	24
Nivel putere sonoră*[1]	U.I.*[3]	Răcire/Încălzire	dB(A)	59 / 59
	U.E.	Răcire/Încălzire		69 / 70
Nivel presiune sonoră*[1]	U.I.*[3]	Răcire (P-Hi/Hi/Me/Lo)		44 / 40 / 35 / 27
		Încălzire (P-Hi/Hi/Me/Lo)		44 / 40 / 35 / 27
	U.E.	Răcire/Încălzire		54 / 55
Flux de aer	U.I.*[3]	Răcire (P-Hi/Hi/Me/Lo)	m^3/min	13 / 11 / 9 / 7
		Încălzire (P-Hi/Hi/Me/Lo)		13 / 11 / 9 / 7
	U.E.	Răcire/Încălzire		75 / 73
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	Unitate: 248 x 570 x 570 Panou: 10 x 620 x 620
	U.E.		mm	845 x 970 x 370
Greutate netă		U.I./U.E.	kg	16.5(Unitate:14 Panou standard:2.5) / 77
Refrigerant charge			kg/TCO_2E_q	3.3/2.228
Refrigerant Type GWP				R32/675
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
Panou				TC-PSA-5AW-E, TC-PSAE-5AW-E(Fagure) / TC-PSAG-5AW-E, TC-PSAGE-5AW-E(Grid)
Filtru de aer, cantitate				Filtru lavabil din plastic x 1 (Lavabil)
Telecomandă (opțional)				Cu fir:RC-EX3A, RC-E5, RCH-E3, Wireless:RCN-TC-5AW-E2, -E3
Clasa Energetică (Răcire/Încălzire)				A++/A+
SEER				6.17
SCOP (Climat temperat)				4.38
Pdesign (răcire/încălzire(@-10°C))				10.0/8.5
Annual Electricity Consumption				567/2715
Performanța pe modul încălzire				Climat temperat

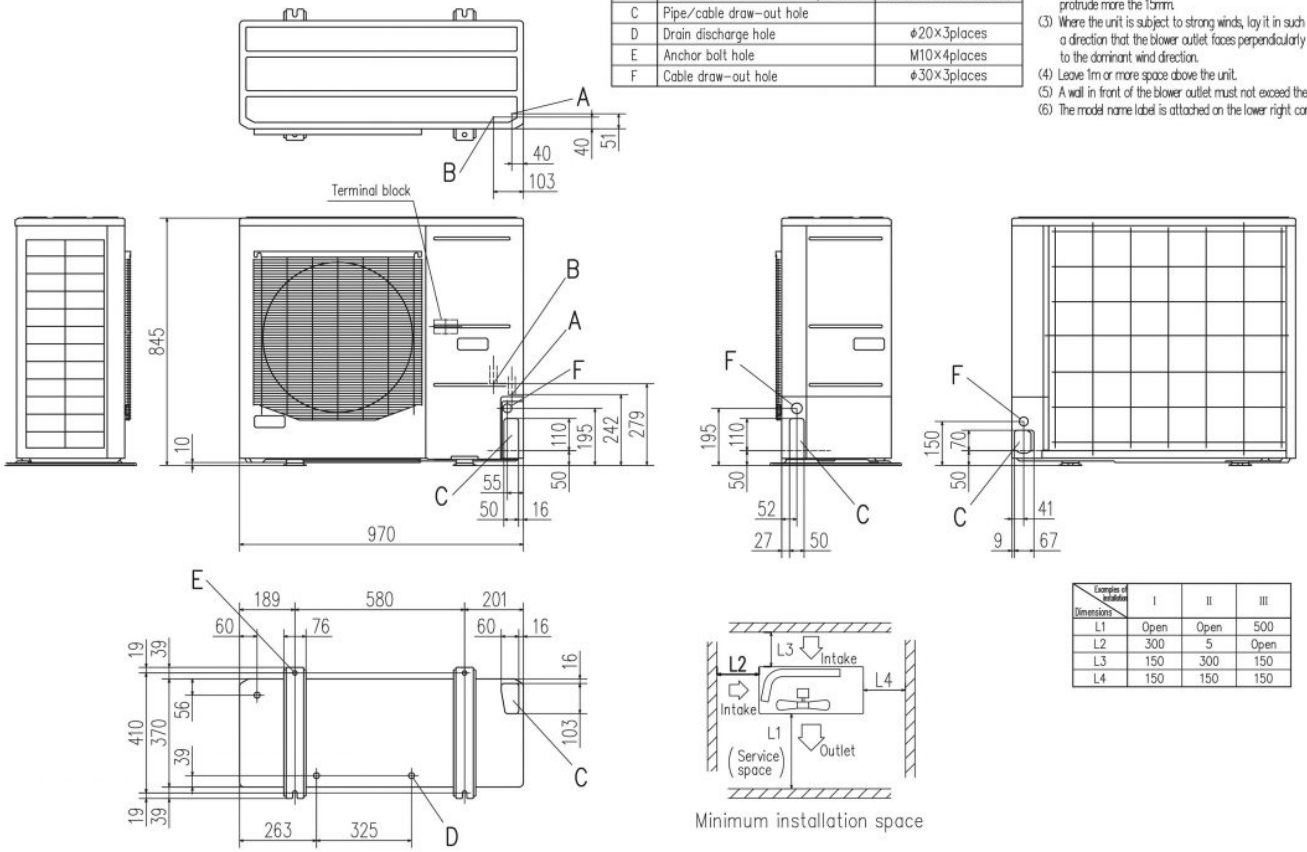
Datorită politicii de continuă îmbunătățire a produselor, ne rezervăm dreptul de a modifica specificațiile tehnice fără nicio notificare prealabilă.

Schema tehnică

FDC100VNA-W, 125VNA-W, 140VNA-W, 100VSA-W, 125VSA-W, 140VSA-W
FDC100VNA, 125VNA, 140VNA, 100VSA, 125VSA, 140VSA

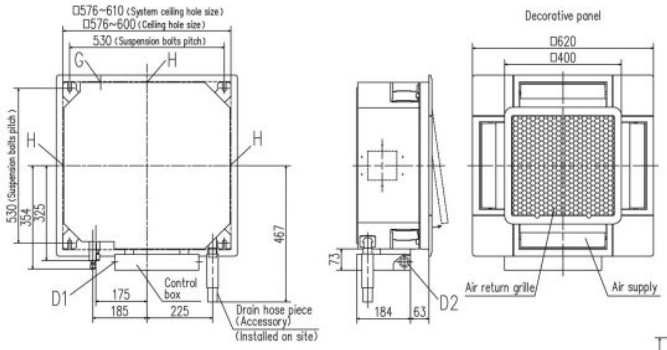
Symbol	Content	
A	Service valve connection (gas side)	ϕ15.88 (5/8") (Flare)
B	Service valve connection (liquid side)	ϕ9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20×3places
E	Anchor bolt hole	M10×4places
F	Cable draw-out hole	ϕ30×3places

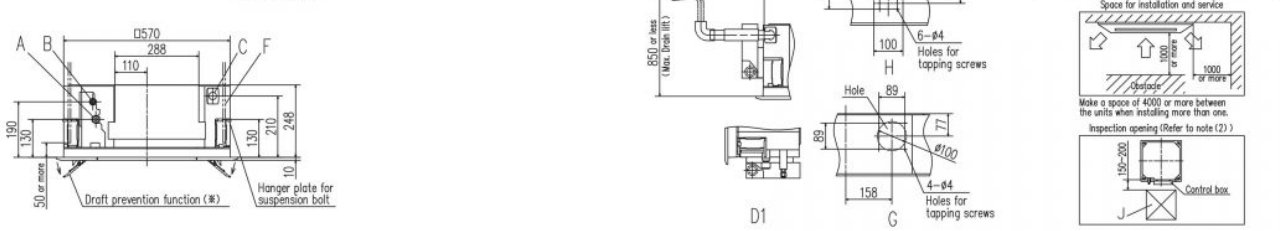
Notes
(1) It must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more the 15mm.
(3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
(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.



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

FDTC25VH1 FDTC35VH1 FDTC40VH FDTC50VH FDTC60VH



Notes (1) The model name label is attached to the control box lid.
(2) This unit is designed for 2x2 grid ceiling.
If it is installed on a ceiling other than 2x2 grid ceiling, provide an inspection opening on the control box side.
(3) Draft prevention function (✱) is provided on the panel TC-PSAE-5AW-E only.

Symbol	Content		
A	Gas piping	25·35	ϕ9.52(3/8"(Flare))
		40~60	ϕ12.7 (1/2") (Flare)
B	Liquid piping		ϕ6.35 (1/4") (Flare)
C	Drain piping		VP25 (O.D.32)
D1	Power supply connection		
D2	Remote control code and signal wiring connection		
F	Suspension bolts		(M10 or M8)
G	Outside air opening for ducting		(Knock out)
H	Air outlet opening for ducting		ϕ125 (Knock out)
J	Inspection opening		450X450