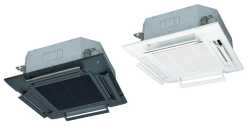
MITSUBISHI HEAVY INDUSTRIES

FDT100VNAWPVH

10.0 KW



Unitate interna : FDT50VH-x-2

Unitate externa : FDC100VNA-W

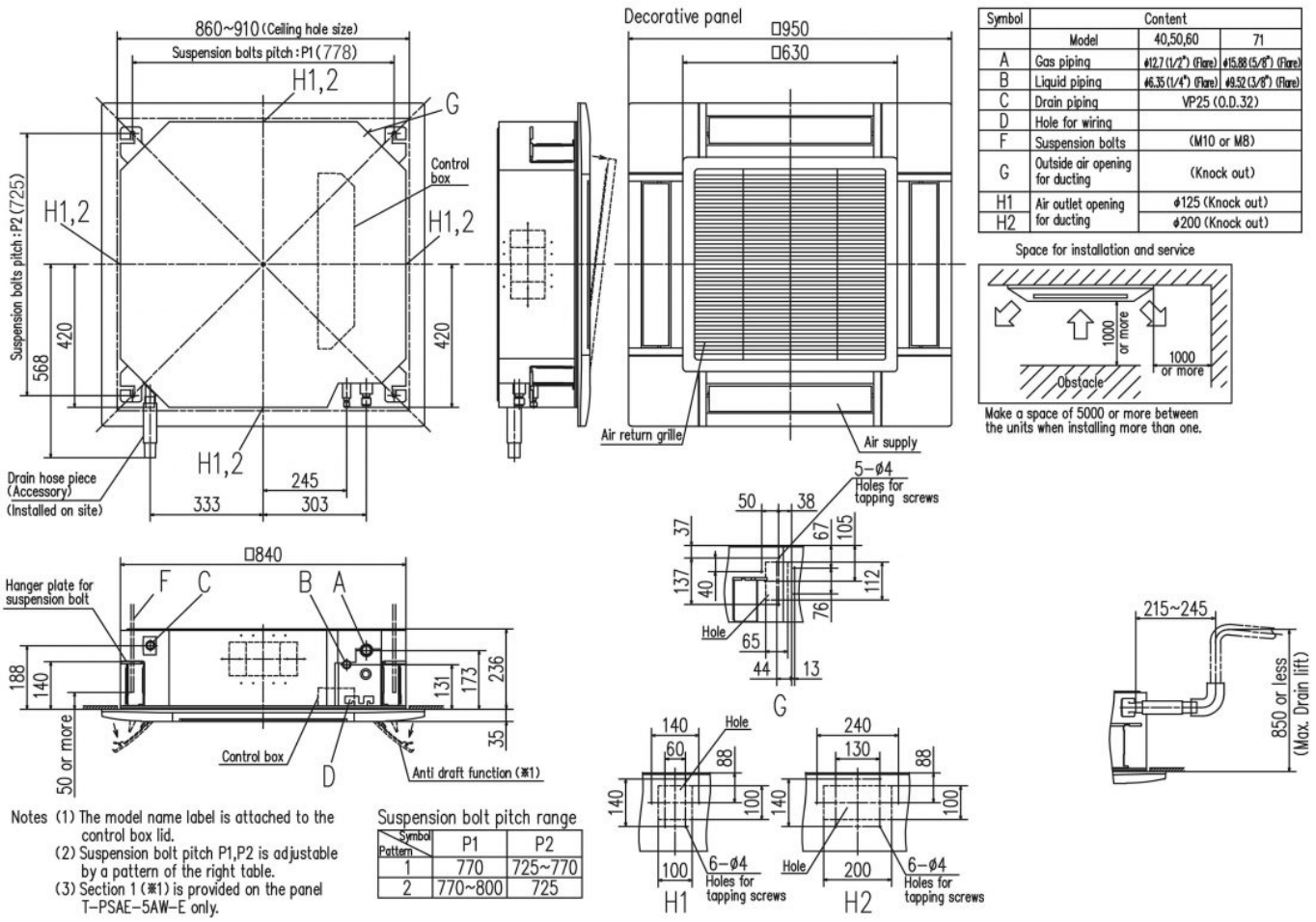
Specificații tehnice

R32

Unitate internă				FDT50VH 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	2.82 / 2.73
EER/COP		Răcire/Încălzire	kW	3.55 / 3.88
Curent de intrare			A	5
Max. current			A	24
Nivel putere sonoră*[1]	U.I.*[3]	Răcire/Încălzire	dB(A)	55 / 56
	U.E.	Răcire/Încălzire		69 / 70
Nivel presiune sonoră*[1]	U.I.*[3]	Răcire (P-Hi/Hi/Me/Lo)		41 / 33 / 30 / 26
		Încălzire (P-Hi/Hi/Me/Lo)		42 / 33 / 28 / 20
	U.E.	Răcire/Încălzire		54 / 55
Flux de aer	U.I.*[3]	Răcire (P-Hi/Hi/Me/Lo)	m^3/min	22 / 16 / 13 / 10
		Încălzire (P-Hi/Hi/Me/Lo)		22 / 16 / 13 / 10
	U.E.	Răcire/Încălzire		75 / 73
Exterior dimensions	U.I.	HeightxWidthxDepth	mm	Unitate: 236 x 840 x 840 Panou: 35 x 950 x 950
	U.E.		mm	845 x 970 x 370
Greutate netă		U.I./U.E.	kg	24(Unitate:19 Panou standard: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				White: T-PSA-5BW-E, T-PSAE-5BW-E / Black: T-PSA-5BB-E, T-PSAE-5BB-E
Filtru de aer, cantitate				Filtru lavabil din plastic x 1 (Lavabil)
Telecomandă (opțional)				Cu fir: RC-EX3A, RC-E5, RCH-E3 Wireless: RCN-T-5BW-E2, RCN-T-5BB-E2
Clasa Energetică (Răcire/Încălzire)				A++/A+
SEER				7.41
SCOP (Climat temperat)				4.47
Pdesign (răcire/încălzire(@-10°C))				10.0/8.5
Annual Electricity Consumption				473/2665
Performanța pe modul încălzire				Climat temperat

Schema tehnică

Models FDT40VH, 50VH, 60VH, 71VH



Symbol	Content		
	Model	40,50,60	71
A	Gas piping	ø12.7 (1/2") (Flare)	ø15.88 (5/8") (Flare)
B	Liquid piping	ø6.35 (1/4") (Flare)	ø9.52 (3/8") (Flare)
C	Drain piping	VP25 (O.D.32)	
D	Hole for wiring		
F	Suspension bolts	(M10 or M8)	
G	Outside air opening for ducting	(Knock out)	
H1	Air outlet opening for ducting	ø125 (Knock out)	
H2		ø200 (Knock out)	

Notes (1) The model name label is attached to the control box lid.
(2) Suspension bolt pitch P1,P2 is adjustable by a pattern of the right table.
(3) Section 1 (※1) is provided on the panel T-PSAE-5AW-E only.

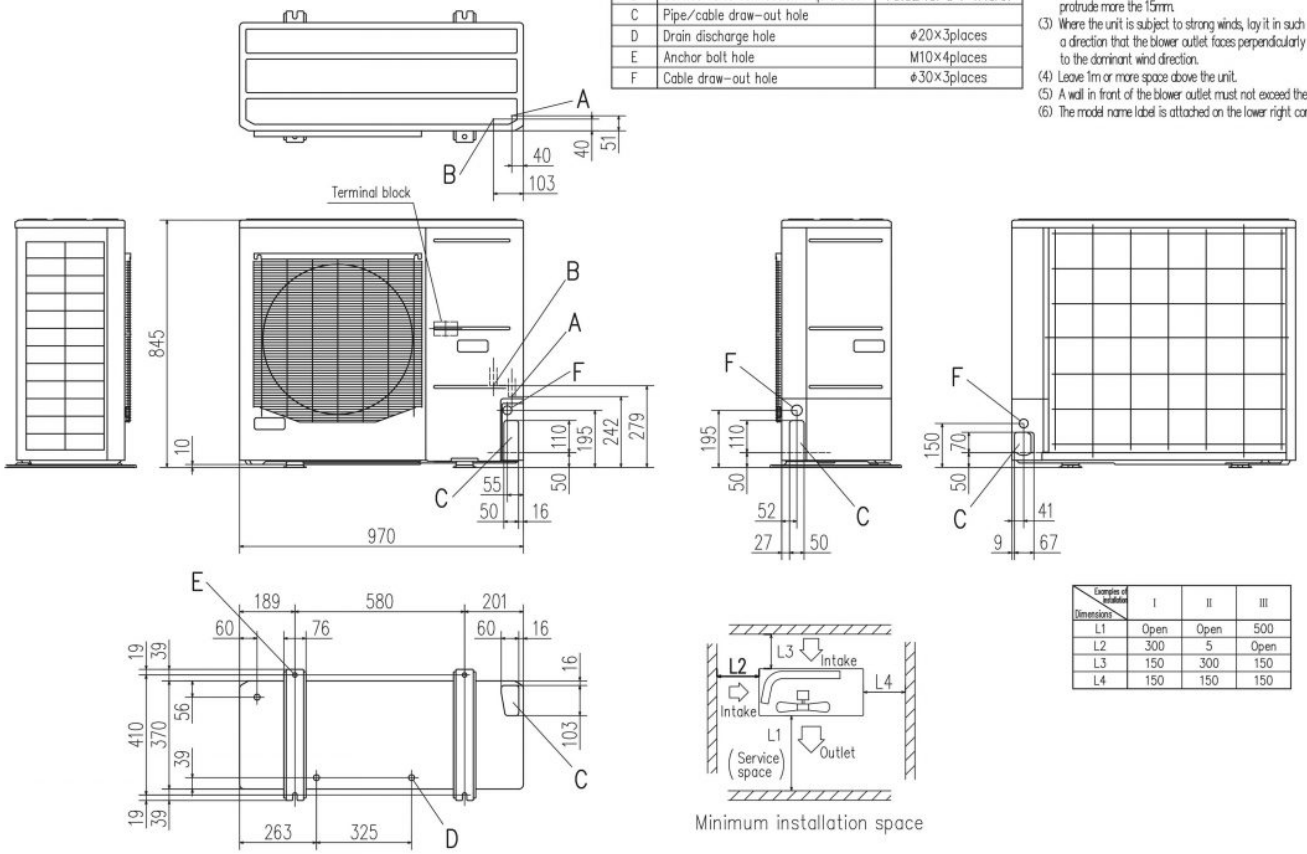
Suspension bolt pitch range

Symbol / Pattern	P1	P2
1	770	725~770
2	770~800	725

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.



Minimum installation space

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