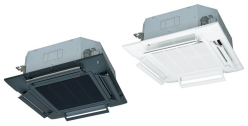


MITSUBISHI HEAVY INDUSTRIES

FDT100VNAVH

10.0 KW



Unitate interna : FDT100VH



Unitate externa : FDC100VNA

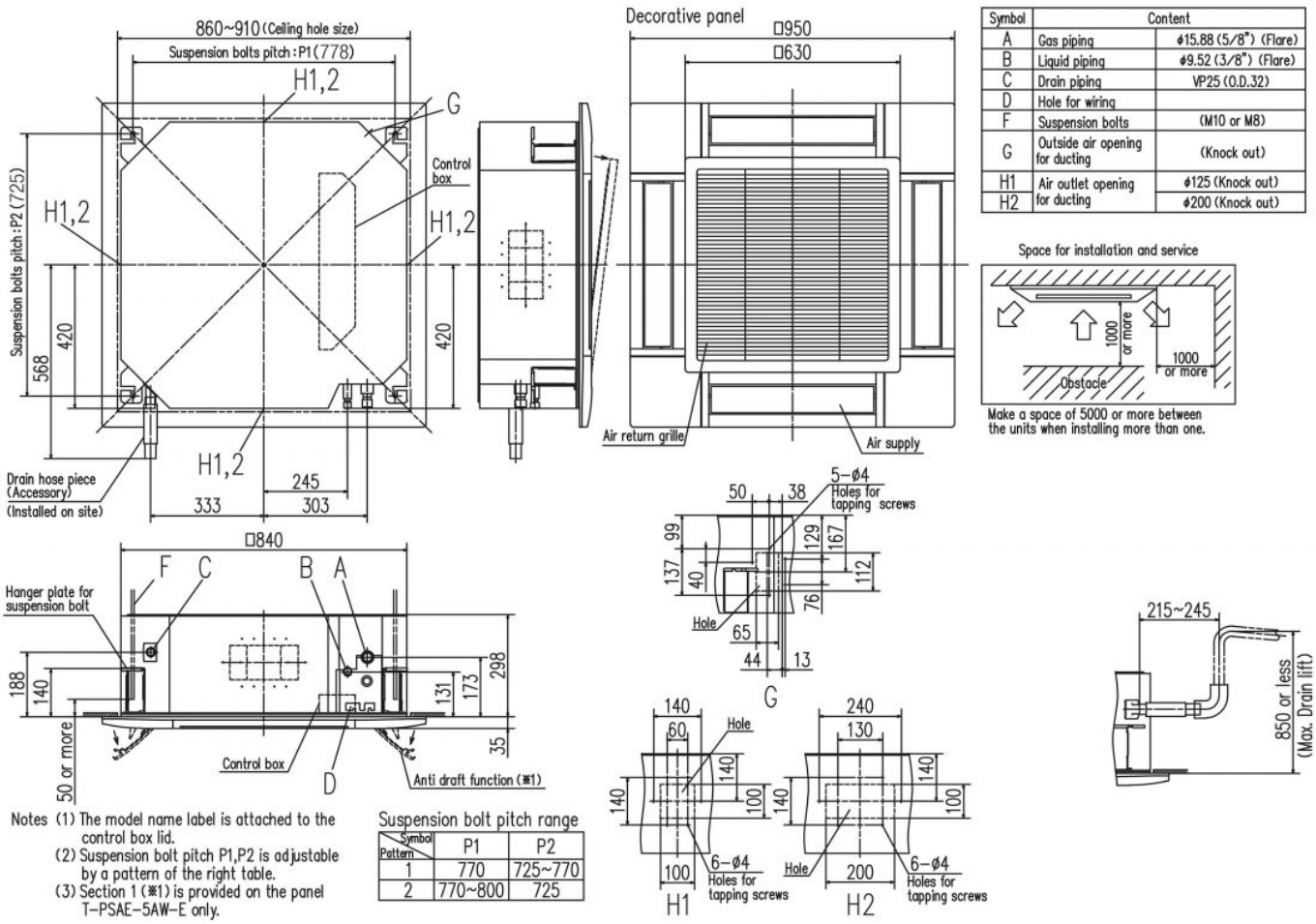
Specificații tehnice

Unitate internă				FDT100VH
Unitate externă				FDC100VNA
Sursă de alimentare				Monofazic 220-240V, 50Hz / 220V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	10.0 (4.0 ~ 11.2)
Capacitate nominala de incalzire (Min~Max)			kW	11.2 (4.0 ~ 12.5)
Consumul de energie		Racire/Incalzire	kW	2.73 / 2.64
EER/COP		Racire/Incalzire		3.66 / 4.26
Curent de intrare			A	5
Amperaj maxim			A	24
Nivel putere sonoră*[1]	U.I.	Racire/Incalzire	dB(A)	62 / 62
	U.E.	Racire/Incalzire		70 / 70
Nivel presiune sonoră*[1]	U.I.	Racire (Hi/Me/Lo/Ulo)		47 / 39 / 36 / 30
		Incalzire (Hi/Me/Lo/Ulo)		47 / 39 / 36 / 29
	U.E.	Racire/Incalzire		54 / 56
Flux de aer	U.I.	Racire (Hi/Me/Lo/Ulo)	m^3/min	37 / 26 / 23 / 17
		Incalzire (Hi/Me/Lo/Ulo)		37 / 26 / 23 / 17
	U.E.	Racire/Incalzire		75 / 73
Dimensiuni exterioare	U.I.	Inaltime x Latime x Adancime	mm	Unitate: 298 x 840 x 840 Panou: 35 x 950 x 950
	U.E.			845 x 970 x 370
Greutate netă	U.I. / U.E.		kg	30 (Unitate:25 Panou standard:5) / 80
Refrigerant		Tip/GWP		R410A/2088
Refrigerant		Incarcare	kg/TCO2Eq	3.8/7.934
Dimensiuni țeavă refrigerant		Lichid/Gaz	ø mm	9.52(3/8") / 15.88(5/8")
Lungime teava refrigerant (o directie)			m	Max.50
Diferenta de nivel suportata		Unitate externă este mai sus/mai jos	m	Max.50 / Max.15
Interval de functionare - temperatura exterioara		Racire*[2]	°C	-15~50
		Incalzire		-20~20
Panou				T-PSA-5BW-E, T-PSAE-5BW-E (Alb) / T-PSA-5BB-E, T-PSAE-5BB-E (Negru)
Filtru de aer				Filtru lavabil x 1(Lavabil)
Telecomanda (opțională)				Cu fir: RC-EX3A, RC-E5, RCH-E3 Fara fir: RCN-T-5BW-E2, RCN-T-5BB-E2
Clasa energetica (Racire/Incalzire)				A++/A+
SEER				6.78
SCOP (Climat temperat)				4.52
Pdesign (racire/incalzire(@-10°C))			kW	10.0/8.5
Consumul anual de electricitate (racire/incalzire)			kWh/a	516/2633
Performanta in modul Incalzire				Medie

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

Schema tehnică

Models FDT100VH, 125VH, 140VH



Symbol	Content	
A	Gas piping	ø15.88 (5/8") (Flare)
B	Liquid piping	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

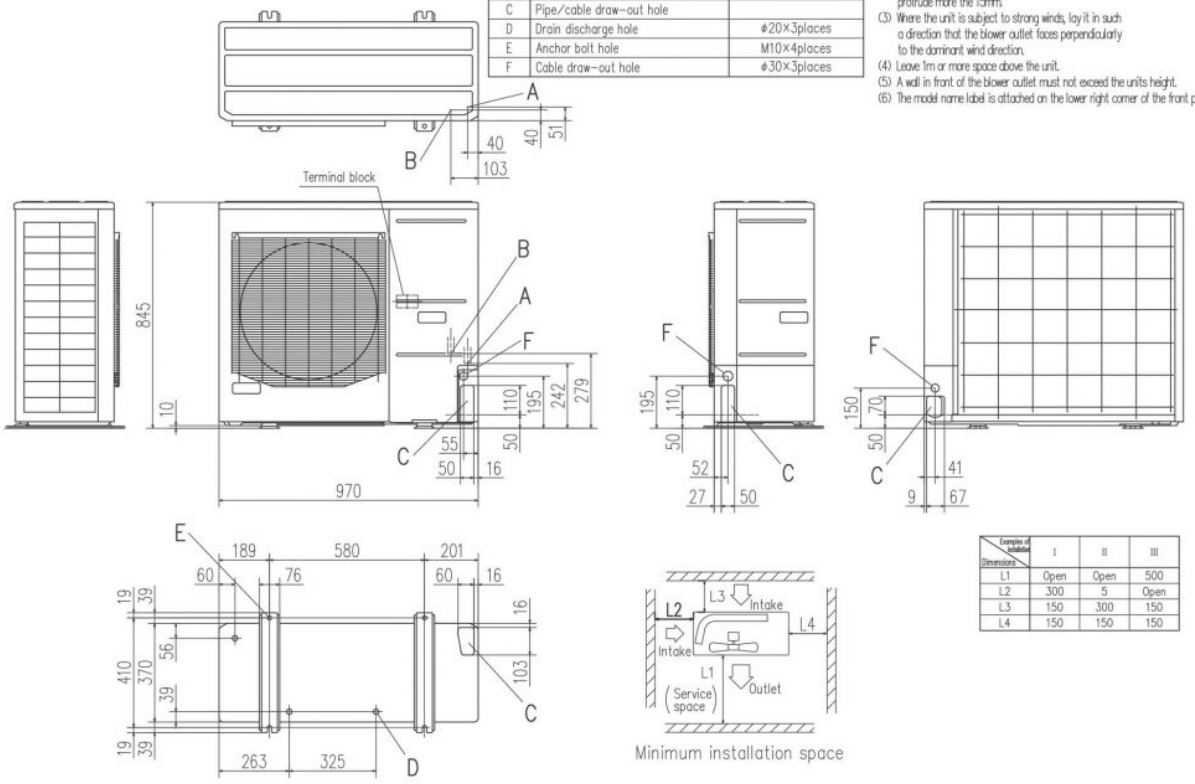
Symbol / Pattern	P1	P2
1	770	725~770
2	770~800	725

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

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

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