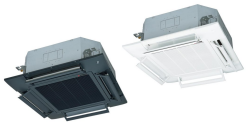
MITSUBISHI HEAVY INDUSTRIES

FDT71VNPWVH

7.1 KW



Unitate interna : FDT71VH

Unitate externa : FDC71VNP-W

Specificații tehnice

R32

Unitate internă				FDT71VH
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 nominala de incalzire (Min~Max)			kW	7.1 (1.1 ~ 7.3)
Consumul de energie		Racire/Incalzire	kW	2.31 / 1.73
EER/COP		Racire/Incalzire		3.07 / 4.10
Curent de intrare			A	5
Amperaj maxim			A	15.8
Nivel putere sonoră*[1]	U.I.	Racire/Incalzire	dB(A)	59 / 60
	U.E.	Racire/Incalzire		67 / 67
Nivel presiune sonoră*[1]	U.I.	Racire (Hi/Me/Lo/Ulo)		46 / 34 / 31 / 26
		Incalzire (Hi/Me/Lo/Ulo)		46 / 34 / 31 / 26
	U.E.	Racire/Incalzire		54 / 54
Flux de aer	U.I.	Racire (Hi/Me/Lo/Ulo)	m^3/min	28 / 18 / 15 / 12
		Incalzire (Hi/Me/Lo/Ulo)		28 / 18 / 15 / 12
	U.E.	Racire/Incalzire		42 / 42
Dimensiuni exterioare	U.I.	Inaltime x Latime x Adancime	mm	Unitate: 236 x 840 x 840 Panou: 35 x 950 x 950
	U.E.			640 x 800(+71) x 290
Greutate netă	U.I. / U.E.		kg	26(Unitate:21 Panou standard:5) / 45
Refrigerant		Tip/GWP		R32/675
Refrigerant		Incarcare	kg/TCO2Eq	1.3/0.878
Dimensiuni țeavă refrigerant		Lichid/Gaz	ø mm	6.35(1/4") / 12.7(1/2")
Lungime teava refrigerant (o directie)			m	Max.30
Diferenta de nivel suportata		Unitate externă este mai sus/mai jos	m	Max.20 / Max.20
Interval de functionare - temperatura exterioara		Racire*[2]	°C	-15~46
		Incalzire		-15~20
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				6.34
SCOP (Climat temperat)				4.38
Pdesign (racire/incalzire(@-10°C))			kW	7.1/5.7
Consumul anual de electricitate (racire/incalzire)			kWh/a	393/1822
Performanta in modul Incalzire				Medie

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

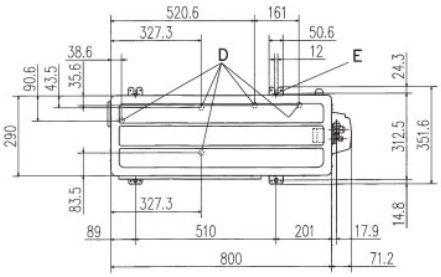
Schema tehnică

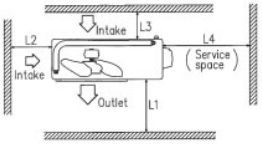
Unit: mm

Models FDC71VNP-W

Symbol	Content	
A	Service valve connection (gas side)	ø12.7 (1/2") (Flare)
B	Service valve connection (liquid side)	ø6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ø20×5 places
E	Anchor bolt hole	M10×4 places

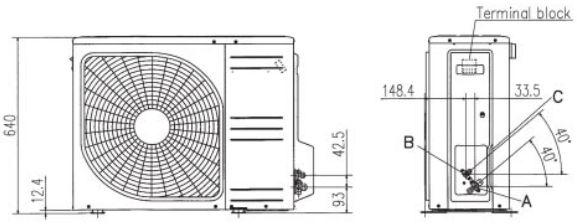
Notes
(1) It must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
(3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.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



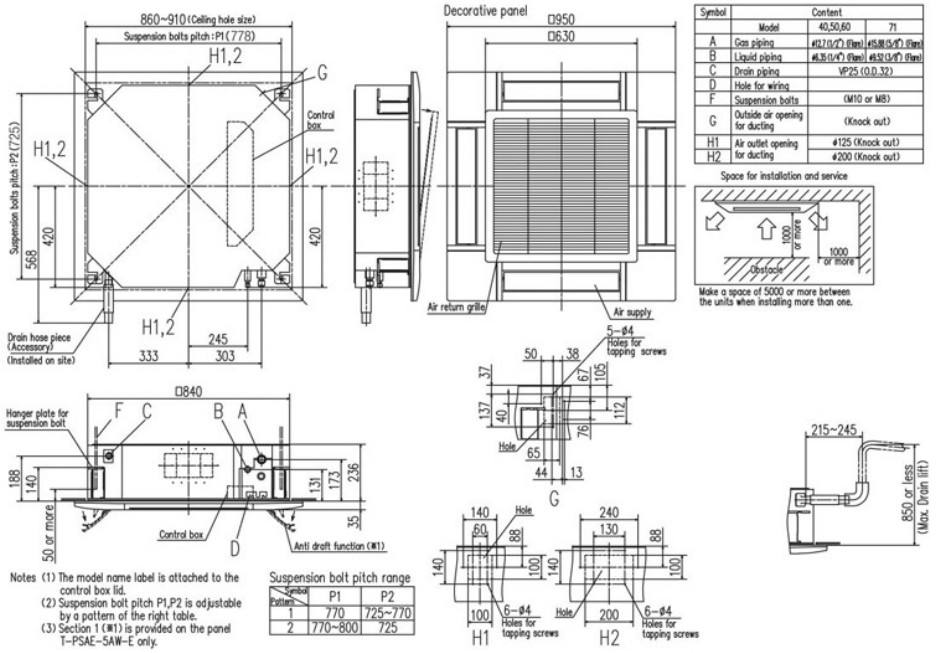


Minimum installation space

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



Indoor units: FDT40VH, 50VH, 60VH, 71VH



Symbol	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)	

Space for installation and service

Make a space of 5000 or more between the units when installing more than one.

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