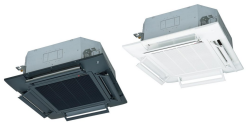


MITSUBISHI HEAVY INDUSTRIES

FDT71VNXWVH

7.1 KW



Unitate interna : FDT71VH



Unitate externa : FDC71VNX-W

Specificații tehnice

R32

Unitate internă				FDT71VH
Unitate externă				FDC71VNX-W
Sursă de alimentare				Monofazic 220-240V, 50Hz / 220V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	7.1 (3.2 ~ 8.0)
Capacitate nominala de incalzire (Min~Max)			kW	8.0 (3.6 ~ 9.0)
Consumul de energie		Racire/Incalzire	kW	1.69 / 1.75
EER/COP		Racire/Incalzire		4.20 / 4.58
Curent de intrare			A	5
Amperaj maxim			A	19.1
Nivel putere sonoră*[1]	U.I.	Racire/Incalzire	dB(A)	59 / 60
	U.E.	Racire/Incalzire		66 / 66
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		51 / 51
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		60 / 50
Dimensiuni exterioare	U.I.	Inaltime x Latime x Adancime	mm	Unitate: 236 x 840 x 840 Panou: 35 x 950 x 950
	U.E.			750 x 880(+88) x 340
Greutate netă	U.I. / U.E.		kg	26(Unitate:21 Panou standard:5) / 60
Refrigerant		Tip/GWP		R32/675
Refrigerant		Incarcare	kg/TCO2Eq	2.75/1.86
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.30 / Max.15
Interval de functionare - temperatura exterioara		Racire*[2]	°C	-15~50
		Incalzire		-20~20
Panou				White: T-PSA-5BW-E, T-PSAE-5BW-E / Black: T-PSA-5BB-E, T-PSAE-5BB-E
Filtru de aer				Filtru lavabil x 1(Lavabil)
Telecomanda (opțională)				White: RCN-T-5BW-E2 / Black: RCN-T-5BB-E2
Clasa energetica (Racire/Incalzire)				A++/A++
SEER				7.60
SCOP (Climat temperat)				4.61
Pdesign (racire/incalzire(@-10°C))			kW	7.1/5.8
Consumul anual de electricitate (racire/incalzire)			kWh/a	327/1762
Performanta in modul Incalzire				Medie

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

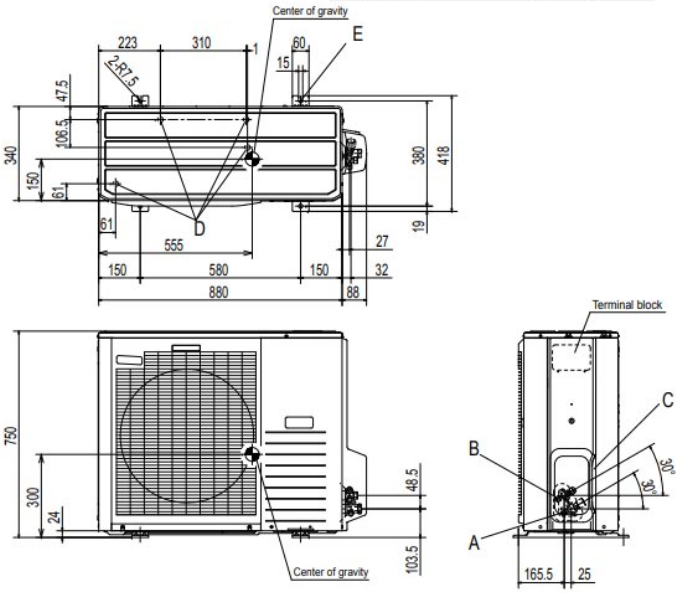
Schema tehnică

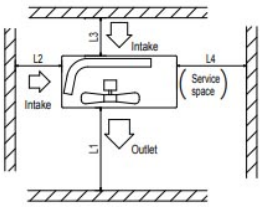
Unit: mm

Models FDC71VNX-W

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	ϕ20×4 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 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.

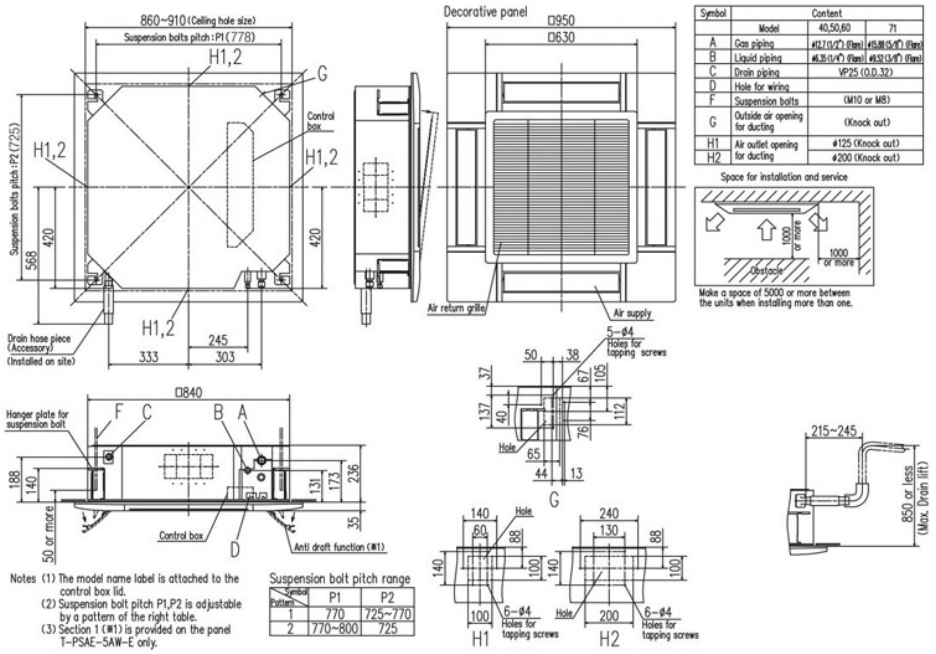




Minimum installation space

Examples of installation / Dimensions	I	II	III
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

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



Symbol	Model	40,50,60	71
A	Gas piping	ϕ12.7 (1/2") (Flare)	ϕ15.88 (5/8") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)	ϕ9.52 (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	ϕ125 (Knock out)	
H2		ϕ200 (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