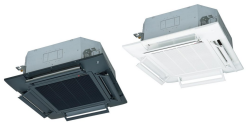
MITSUBISHI HEAVY INDUSTRIES

FDT50ZSXVH

5.0 KW



Unitate interna : FDT50VH

Unitate externa : SRC50ZSX-S

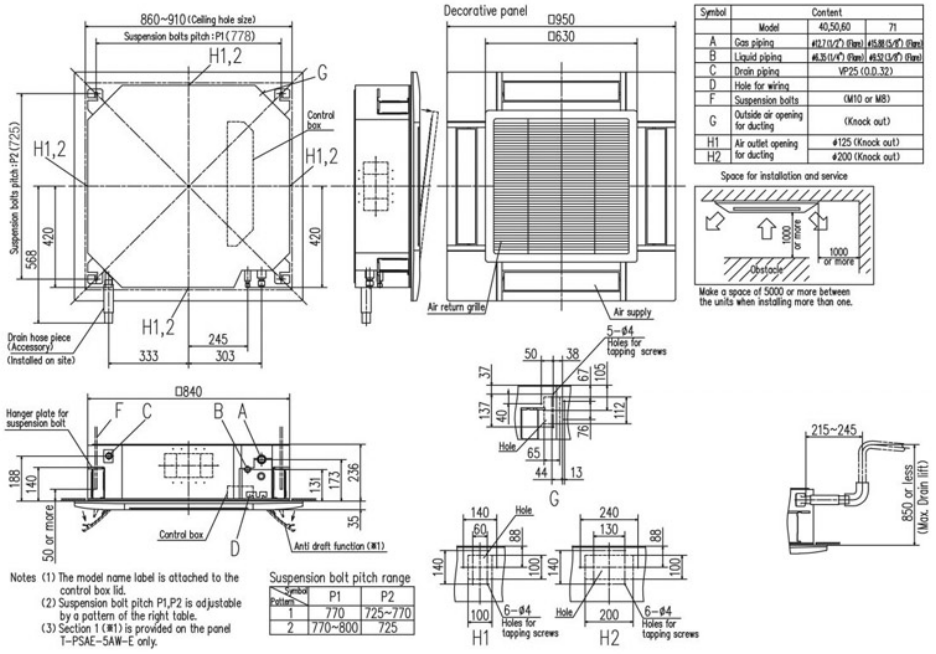
Specificații tehnice

Unitate internă				FDT50VH
Unitate externă				SRC50ZSX-S
Sursă de alimentare				Monofazic 220-240V, 50Hz / 220V, 60Hz
Capacitate nominală de răcire (Min~Max)			kW	5.0 (1.1 ~ 5.6)
Capacitate nominala de incalzire (Min~Max)			kW	5.4 (0.6 ~ 6.3)
Consumul de energie		Racire/Incalzire	kW	1.29 / 1.31
EER/COP		Racire/Incalzire		3.88 / 4.12
Curent de intrare			A	5
Amperaj maxim			A	15
Nivel putere sonoră*[1]	U.I.	Racire/Incalzire	dB(A)	55 / 56
	U.E.	Racire/Incalzire		63 / 63
Nivel presiune sonoră*[1]	U.I.	Racire (Hi/Me/Lo/Ulo)		41 / 33 / 30 / 26
		Incalzire (Hi/Me/Lo/Ulo)		42 / 33 / 28 / 20
	U.E.	Racire/Incalzire		50 / 49
Flux de aer	U.I.	Racire (Hi/Me/Lo/Ulo)	m^3/min	22 / 16 / 13 / 10
		Incalzire (Hi/Me/Lo/Ulo)		22 / 16 / 13 / 10
	U.E.	Racire/Incalzire		39 / 33
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	24(Unitate:19 Panou standard:5) / 45
Refrigerant		Tip/GWP		R410A/2088
Refrigerant		Incarcare	kg/TCO2Eq	1.5/3.132
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		-20~24
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				7.82
SCOP (Climat temperat)				4.61
Pdesign (racire/incalzire(@-10°C))			kW	5.0/4.1
Consumul anual de electricitate (racire/incalzire)			kWh/a	224/1246
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

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



Symbol	Content		
	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)	

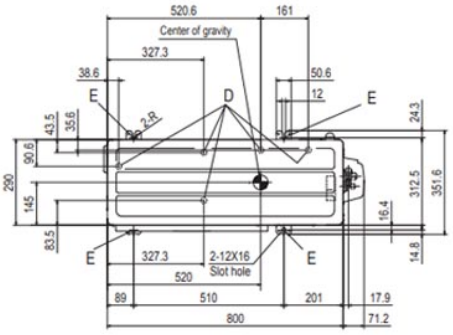
Notes (1) The model name label is attached to the control box lid.
(2) Suspension bolt pitch P1,P2 is adjustable by a pattern of the right table.
(3) Section 1 (※1) is provided on the panel T-PSAE-5AW-E only.

Suspension bolt pitch range

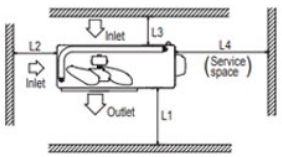
Symbol / Pattern	P1	P2
1	770	725~770
2	770~800	725

Unit: mm

Models SRC40ZSX-W1, 50ZSX-W1, 60ZSX-W1

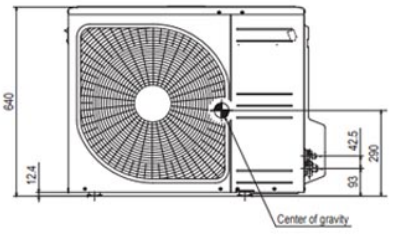


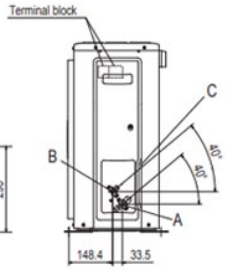
Notes
(1) The unit must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
(3) If the unit is installed in the location where there is a possibility of strong winds, place the unit such that the direction of air from the outlet gets perpendicular to the wind direction.
(4) Leave 200mm or more space above the unit.
(5) The wall height on the outlet side should be 1200mm or less.
(6) The model name label is attached on the front side of the unit.



Minimum installation space

Examples installation / Size	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open





Symbol	Content	
A	Service valve connection (Gas side)	φ12.7(1/2")(Flare)
B	Service valve connection (Liquid side)	φ6.35(1/4")(Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	φ20×5 places
E	Anchor bolt hole	M10-12×4 places