MITSUBISHI HEAVY INDUSTRIES

FDTC25VH1 / SRC25ZS-W2

2.5 KW

Unitate interna :

Unitate externa : SRC25ZS-W2

Specificații tehnice

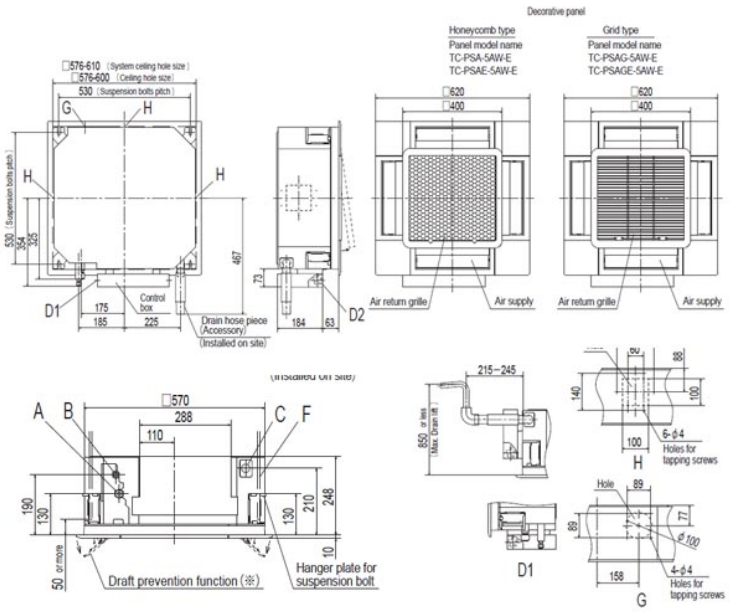
R32

Unitate internă				FDTC25VH1
Unitate externă				SRC25ZS-W2
Sursă de alimentare				Monofazic, 220 - 240, 50Hz
Capacitate nominală de răcire (Min~Max)			kW	2.5 (0.9~ 3.2)
Capacitate nominală de încălzire (Min~Max)			kW	2.9 (0.9 ~ 4.0)
Consum de energie		Răcire/Încălzire	kW	0.61 / 0.71
EER/COP		Răcire/Încălzire		4.10 / 4.08
Amperaj maxim			A	9
Nivel putere sonoră	U.I.	Răcire/Încălzire	dB(A)	51 / 52
	U.E.	Răcire/Încălzire		58 / 59
Nivel presiune sonoră	U.I.	Răcire (Hi/Me/Lo/Ulo)		38 / 34 / 30 / 27
		Încălzire (Hi/Me/Lo/Ulo)		39 / 36 / 32 / 28
	U.E.	Răcire/Încălzire		47 / 47
Flux de aer	U.I.	Răcire (Hi/Me/Lo/Ulo)	m^3/min	8.5 / 7.5 / 7.0 / 6.0
		Încălzire (Hi/Me/Lo/Ulo)		9.5 / 8.5 / 7.5 / 6.5
	U.E.	Răcire/Încălzire		27.4 / 27.4
Dimensiuni exterioare	U.I.	Înălțime / Lățime / Adâncime	mm	Unit : 248 x 570 x 570 Panou : 10 x 620 x 620
	U.E.			540 x 780(+62) x 290
Greutate netă	U.I. / U.E.		kg	16.0 (Unit : 13.5 Panou : 2.5) / 31.0
Refrigerant		Tip/GWP		R32/675
Refrigerant		Încărcare	kg/TCO2Eq	0.62 / 0.419
Dimensiuni țeavă refrigerant		Lichid/Gaz	mm/⍰	6.35(1/4") / 9.52(3/8")
Lungime țeavă refrigerant (o direcție)			m	Max. 20
Diferență de nivel suportată		Unitate externă este mai sus/mai jos	m	Max. 10 / Max.10
Interval de funcționare - temperatură exterioară		Răcire	°C	-15~46
		Încălzire		-15~24
Panou				TC-PSA-5AW-E, TC-PSAE-5AW-E (Fagure) / TC-PSAG-5AW-E, TC-PSAGE-5AW-E (Grid)
Clasa Energetică (Răcire/Încălzire)				A++/A+
SEER				6.80
SCOP (Climat temperat)				4.00
Pdesign (răcire/încălzire(@-10°C))			kW	2.50/2.40
Consumul anual de electricitate (răcire/încălzire)			kWh/a	129/840
Performanța pe modul încălzire				Climat temperat

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

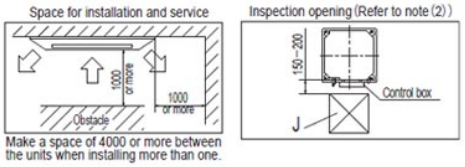
Schema tehnică

4-way ceiling cassette type (FDTC)
FDTC25VH1, 35VH1

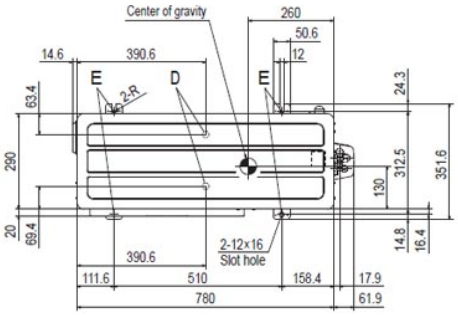


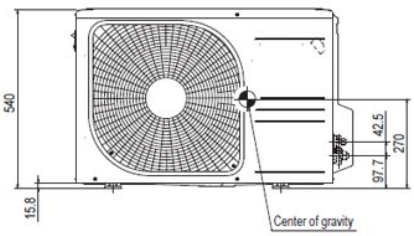
Notes (1) The model name label is attached to the control box lid.
(2) This unit is designed for 2×2 grid ceiling.
If it is installed on a ceiling other than 2×2 grid ceiling, provide an inspection opening on the control box side.
(3) Draft prevention function (※) is provided on the panel TC-PSA(G)E-5AW-E only.

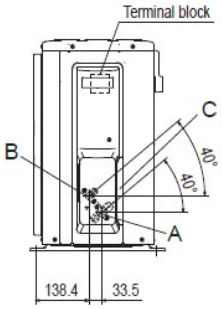
Symbol	Content	
A	Gas piping	ϕ9.52 (3/8") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)
C	Drain piping	VP25 (O.D.32)
D1	Power supply connection	
D2	Remote control code and signal wiring connection	
F	Suspension bolts	(M10 or M8)
G	Outside air opening for ducting	(Knock out)
H	Air outlet opening for ducting	ϕ125 (Knock out)
J	Inspection opening	450×450



Outdoor units
SRC25ZS-W1, W2
SRC35ZS-W1, W2



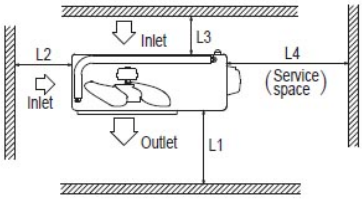




	Installation space
L1	280 or more
L2	100 or more
L3	80 or more
L4	250 or more

Symbol	Content	
A	Service valve connection (gas side)	ϕ9.52 (3/8") (Flare)
B	Service valve connection (liquid side)	ϕ6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20×2 places
E	Anchor bolt hole	M10-12×4 places

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 right side of the unit.



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