



FDTC25VH1 / SRC25ZS-W2

2.5 (0.9 ~ 3.2)

Indoor Unit : FDTC25VH1

Outdoor Unit : SRC25ZS-W2

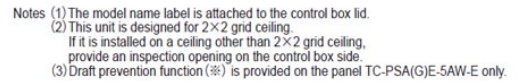
Specifications

R32

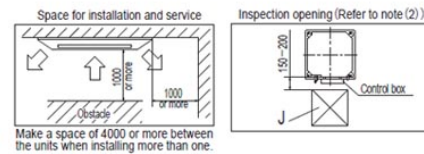
Indoor unit			FDTC25VH1	
Outdoor unit			SRC25ZS-W2	
Power source			1Phase, 220 - 240, 50Hz	
Nominal cooling capacity (Min~Max)		kW	2.5 (0.9~ 3.2)	
Nominal heating capacity (Min~Max)		kW	2.9 (0.9 ~ 4.0)	
Power consumption	Cooling/Heating	kW	0.61 / 0.71	
EER/COP	Cooling/Heating		4.10 / 4.08	
Max. running current		A	9	
Sound power level	Indoor	Cooling/Heating	dB(A)	51 / 52
	Outdoor	Cooling/Heating		58 / 59
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	dB(A)	38 / 34 / 30 / 27
		Heating (Hi/Me/Lo/Ulo)		39 / 36 / 32 / 28
	Outdoor	Cooling/Heating		47 / 47
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	8.5 / 7.5 / 7.0 / 6.0
		Heating (Hi/Me/Lo/Ulo)		9.5 / 8.5 / 7.5 / 6.5
	Outdoor	Cooling/Heating		27.4 / 27.4
Exterior Dimensions	Indoor	Height x Width x Depth	mm	Unit : 248 x 570 x 570 Panel : 10 x 620 x 620
	Outdoor			540 x 780(+62) x 290
Net weight	Indoor / Outdoor		kg	16.0 (Unit : 13.5 Panel : 2.5) / 31.0
Refrigerant		Type/GWP		R32/675
Refrigerant		Charge	kg/TCO2Eq	0.62 / 0.419
Refrigerant piping size		Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")
Refrigerant line (one way) length			m	Max. 20
Vertical height differences		Outdoor is higher/lower	m	Max. 10 / Max.10
Outdoor operating temperature range	Cooling		°C	-15~46
	Heating			-15~24
Panel			TC-PSA-5AW-E, TC-PSAE-5AW-E (Honeycomb) / TC-PSAG-5AW-E, TC-PSAGE-5AW-E (Grid)	
Energy Class (Cooling/Heating)			A+ +/A+	
SEER			6.80	
SCOP (Average climate)			4.00	
Pdesign (cooling/heating(@-10°C))		kW	2.50/2.40	
Annual Electricity Consumption (cooling/heating)		kWh/a	129/840	
Designated Heating Season			Average	

- The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
 - Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
 - 'tonne(s) of CO2 equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.
- *SEER/SCOP are based on EN14825:2016 and Commission regulation (EU) No.2016/2281

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

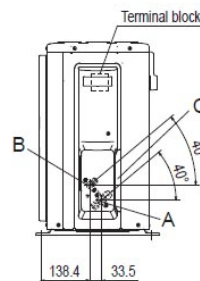


Symbol	Content
A	Gas piping $\phi 9.52(3/8)$ (Flare)
B	Liquid piping $\phi 6.35(1/4)$ (Flare)
C	Drain piping VP25(O.D.32)
D1	Power supply connection
D2	Remote control code and signal wiring connection
F	Suspension bolts (M10 or M8)
G	Outside air opening for ducting (Knock out)
H	Air outlet opening for ducting $\phi 125$ (Knock out)
J	Inspection opening 450×450



	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) ϕ 9.52 (3/8") (Flare)
B	Service valve connection (liquid side) ϕ 6.35 (1/4") (Flare)
C	Pipe./cable draw-out hole
D	Drain discharge hole ϕ 20×2 places
E	Anchor bolt hole M10-12×4 places



- (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.

