



FDTC50VH / SRC50ZSX-W2

5.0 (1.1 ~ 5.6)

Indoor Unit : FDTC50VH

Outdoor Unit : SRC50ZSX-W2

Specifications

R32

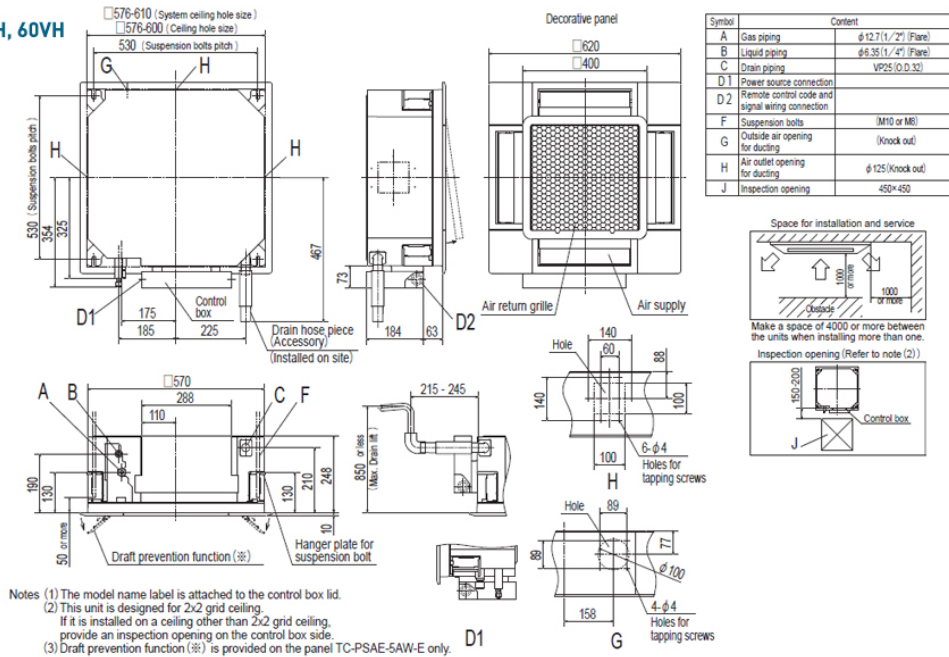
Indoor unit			FDTC50VH	
Outdoor unit			SRC50ZSX-W2	
Power source			1Phase, 220 - 240, 50Hz	
Nominal cooling capacity (Min~Max)		kW	5.0 (1.1 ~ 5.6)	
Nominal heating capacity (Min~Max)		kW	5.4 (0.6 ~ 6.3)	
Power consumption	Cooling/Heating	kW	1.40 / 1.53	
EER/COP	Cooling/Heating		3.58 / 3.53	
Max. running current		A	15	
Sound power level	Indoor	Cooling/Heating	dB(A)	59 / 59
	Outdoor	Cooling/Heating		63 / 62
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	dB(A)	44 / 40 / 35 / 27
		Heating (Hi/Me/Lo/Ulo)		44 / 40 / 35 / 27
	Outdoor	Cooling/Heating	52 / 50	
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	13 / 11 / 9 / 7
		Heating (Hi/Me/Lo/Ulo)		13 / 11 / 9 / 8
	Outdoor	Cooling/Heating	39 / 33	
Exterior Dimensions	Indoor	Height x Width x Depth	mm	Unit : 248 x 570 x 570 Panel : 10 x 620 x 620
	Outdoor			640 x 800(+71) x 290
Net weight	Indoor / Outdoor		kg	16.5 (Unit : 14 Panel : 2.5) / 45.0
Refrigerant		Type/GWP		R32/675
Refrigerant		Charge	kg/TCO2Eq	1.30 / 0.878
Refrigerant piping size		Liquid/Gas	ø inch	6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length			m	Max. 30
Vertical height differences		Outdoor is higher/lower	m	Max. 20 / Max.20
Outdoor operating temperature range	Cooling		°C	-15~46
	Heating			-20~24
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			6.52	
SCOP (Average climate)			4.30	
Pdesign (cooling/heating(@-10°C))		kW	5.0/4.3	
Annual Electricity Consumption (cooling/heating)		kWh/a	269/1401	
Designated Heating Season			Average	

- The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWDB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWDB.
- 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.
- *1 The maximum external static pressure can be used up to 35Pa (25•35ZS) , 50Pa (50 •60ZS), but the airflow will be reduced.

Schematics

Unit: mm

Models FDTC40VH, 50VH, 60VH



Unit: mm

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

