



FDUM60ZSXW1VH

5.6 (1.1 ~ 6.3)

Indoor Unit : FDUM60VH

Outdoor Unit : SRC60ZSX-W1

Specifications

R32

Indoor unit			FDUM60VH	
Outdoor unit			SRC60ZSX-W1	
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz	
Nominal cooling capacity (Min~Max)		kW	5.6 (1.1 ~ 6.3)	
Nominal heating capacity (Min~Max)		kW	6.7 (0.6 ~ 7.1)	
Power consumption	Cooling/Heating	kW	1.54 / 1.75	
EER/COP	Cooling/Heating		3.64 / 3.83	
Inrush current		A	5	
Max. running current		A	15	
Sound power level*1	Indoor *3	Cooling/Heating	60 / 60	
	Outdoor	Cooling/Heating	65 / 65	
Sound pressure level*1	Indoor *3	Cooling (Hi/Me/Lo/Ulo)	36 / 31 / 28 / 25	
		Heating (Hi/Me/Lo/Ulo)	36 / 31 / 28 / 25	
	Outdoor	Cooling/Heating	53 / 54	
Air flow	Indoor *3	Cooling (Hi/Me/Lo/Ulo)	20 / 15 / 13 / 10	
		Heating (Hi/Me/Lo/Ulo)	20 / 15 / 13 / 10	
	Outdoor	Cooling/Heating	41.5 / 39	
Available external static pressure		Pa	Standard:35 Max:100	
Exterior Dimensions	Indoor	Height x Width x Depth	mm	280 x 950 x 635
	Outdoor		640 x 800(+71) x 290	
Net weight	Indoor / Outdoor	kg	34 / 45	
Refrigerant	Type/GWP		R32/675	
Refrigerant	Charge	kg/TCO2Eq	1.30/0.878	
Refrigerant piping size	Liquid/Gas	ø mm	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*2	°C	-15~46	
	Heating		-20~20	
Air filter quantity			(Option) Filter kit : UM-FL2EF	
Remote control (option)			wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-KIT4-E2	
Energy Class (Cooling/Heating)			A+ /A+	
SEER			6.43	
SCOP (Average climate)			4.37	
Pdesign (cooling/heating(@-10°C))		kW	5.6/4.7	
Annual Electricity Consumption (cooling/heating)		kWh/a	305/1508	
Designated Heating Season			Average	

The data is measured under the following conditions(ISO-T1).

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.

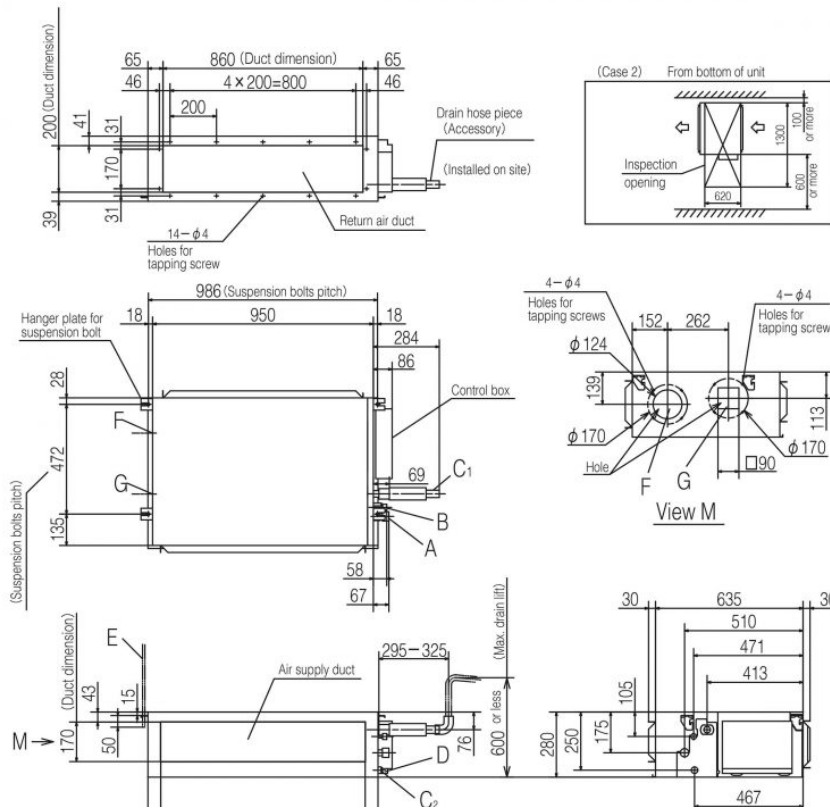
*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

*3 The values are for one indoor unit operation. (Multi system only)

External static pressure is changeable to be set by the remote control. MAX external static pressure is 'High static pressure' setting. The values of sound pressure level become 5dB(A) higher at external static pressure of 200Pa for FDU indoor models and 100Pa for FDUM indoor models

Schematics

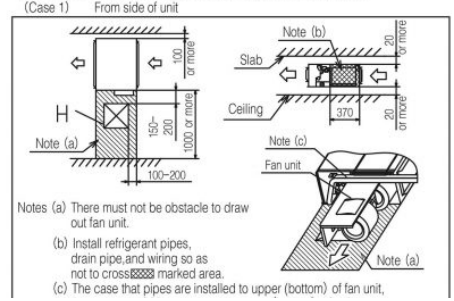


Symbol	Model	Content
	60	71
A	Gas piping	φ 12.7 (1/2") (Flare) φ 15.88 (5/8") (Flare)
B	Liquid piping	φ 6.35 (1/4") (Flare) φ 9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(φ 150) (Knock out)
G	Air outlet opening for ducting	(φ 125) (Knock out)
H	Inspection opening	(450×450)

Note (1) The model name label is attached on the lid of the control box.

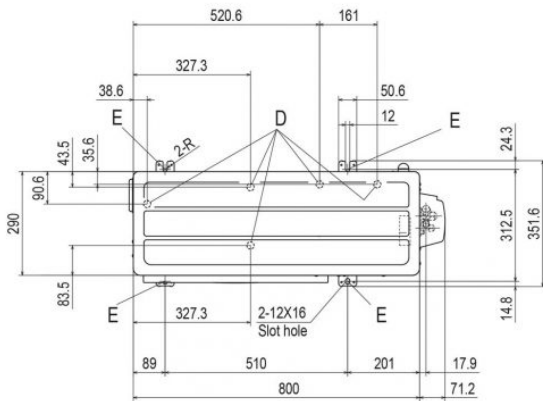
Space for installation and service

Select either of two cases to keep space for installation and services.



- Notes (a) There must not be obstacle to draw out fan unit.
 (b) Install refrigerant pipes, drain pipe, and wiring so as not to cross marked area.
 (c) The case that pipes are installed to upper (bottom) of fan unit.

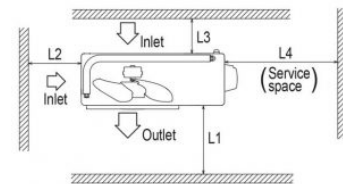
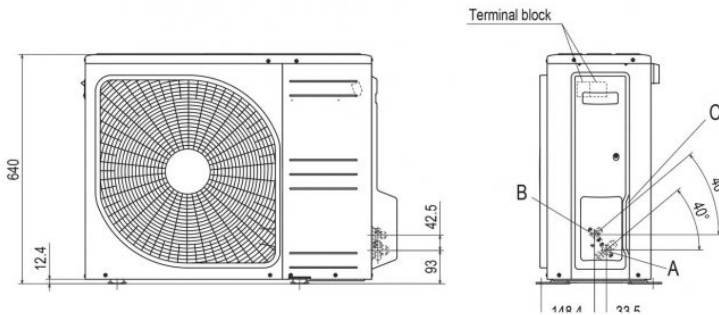
SRC40ZSX-W1, 50ZSX-W1, 60ZSX-W1 SRC40ZSX-S, 50ZSX-S, 60ZSX-S



Symbol	Content
A	Service valve connection (Gas side) φ 12.7(1/2")(Flare)
B	Service valve connection (Liquid side) φ 6.35(1/4")(Flare)
C	Pipe / cable draw-out hole
D	Drain discharge hole φ 20×5 places
E	Anchor bolt hole M10-12×4 places

Notes

- The unit must not be surrounded by walls on the four sides.
- The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- 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.
- Leave 200mm or more space above the unit.
- The wall height on the outlet side should be 1200mm or less.
- The model name label is attached on the front side of the unit.



Minimum installation space

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