

SUBMITTAL DATA SHEET



Series Name: Mini Split 25seer2 Series
Model Number: DLCSRBH12AAK / DLFSHCH12XAK

Wall Mounted Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPECIFICATION

Indoor Air Flow (H/M/L) (CFM)	382/335/229
Indoor Noise Level (H/M/L) (dBA)	38/33.5/23.5
Dimension (W×D×H)	inch 31-1/4 x 8-7/8 x 11.5/8
	mm 795 x 225 x 295
Package (W×D×H)	inch 34-1/4 x 14-5/8 x 12
	mm 870 x 370 x 305
Net/Gross Weight	lbs 23/29
	kg 10.4/13.1

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Refrigerant	R410A
Factory Charge	350ml
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1324
Outdoor Noise Level (dBA)	56
Dimension (W×D×H)	inch 31-3/4 x 13 x 21-3/4
	mm 805 x 330 x 554
Package (W×D×H)	inch 36 x 14-5/8 x 24-1/4
	mm 915 x 370 x 615
Net/Gross Weight	lbs 74/79
	kg 33.4/36

EFFICIENCY

Cooling	Heating
SEER2 25.5	HSPF2-4 10.4
EER2 14.0	COP 3.9

PERFORMANCE of Cooling

Cooling (Btu/hr)
Rated Capacity 12000
Min/Max Capacity 3300~14300
Moisture Removal 1.29 L/H (2.8pint/H)
Standard Operating Range -22°F~122°F (-30°C~50°C)
Rated Cooling Conditions: Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating

Heating (Btu/hr)
1. @ 47°F Rated (Min/Max) 12000(5000~15300)
2. @ 17°F Rated 13800
3. @ 5°F Max: Capacity / COP 12000 / 1.8
Standard Operating Range -22°F~75°F (-30°C~24°C)
1. Rated Heating Conditions: Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Rated Heating Conditions: Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Heating Conditions, Compressor Operating at Max. Frequency Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

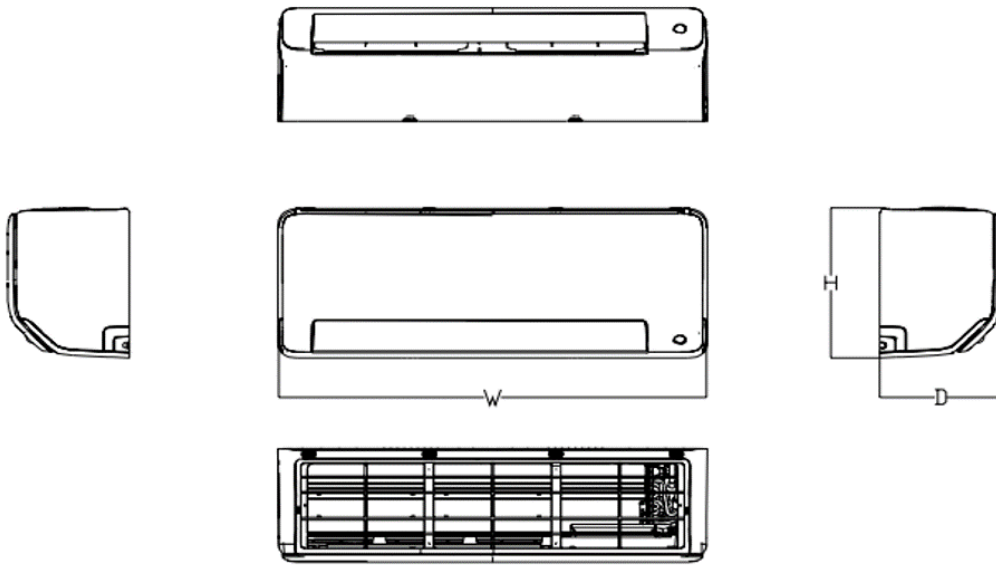
ELECTRICAL

Power Supply 208/230V, 1Ph, 60Hz
System MCA 15
Connection Wiring AWG 14-4
System MOCP 15
Compressor RLA 8.8
Outdoor Fan Motor RLA 0.4
Outdoor Fan Motor W 34
Indoor Fan Motor RLA 0.25
Indoor Fan Motor W 20
System Power Input @ Cooling (W) 857(180~1180)
System Power Input @ Heating (W) 907(370~1500)
Recommended breaker size(A) 15
MCA: Min. circuit amps (A) MOCP: Max. over current protection (A)
RLA: Rated load amps (A) W: Fan motor rated output (W)

PIPING

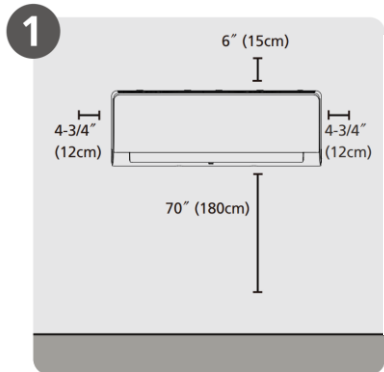
Liquid Size 1/4in (6.35mm)
Gas Size 1/2in (12.7mm)
Drain Size 5/8in (15.88mm)
Max. Piping Length 82ft (25m)
Max. Height Difference 32.8ft (10m)
Max. Pre-charged Length 25ft (7.5m)
Refrigerant Pre-charged Amount 41.62oz (1180g)
Additional Charge of Refrigerant 0.16oz/ft (15g/m)
Connection Method Flared

Indoor Unit Dimension



Capacity	Body Code	W(inch/mm)	D(inch/mm)	H(inch/mm)
6K~12K	B	31-1/4" / 795	8-7/8" / 225	11-5/8" / 295
18K~24K	C	38 / 965	9-3/8" / 239	12-5/8" / 319
24K~36K	D	44-7/8" / 1140	10-7/8" / 275	14-5/8" / 370

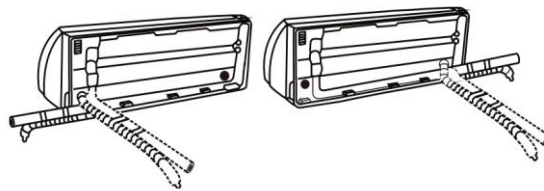
Installation Instruction



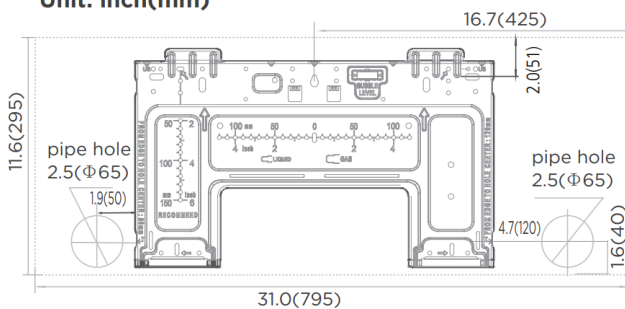
Select Installation Location

NOTE ON PIPING ANGLE

Refrigerant piping can exit the indoor unit from four different angles: Left-hand side, Right-hand side, Left rear, Right rear.



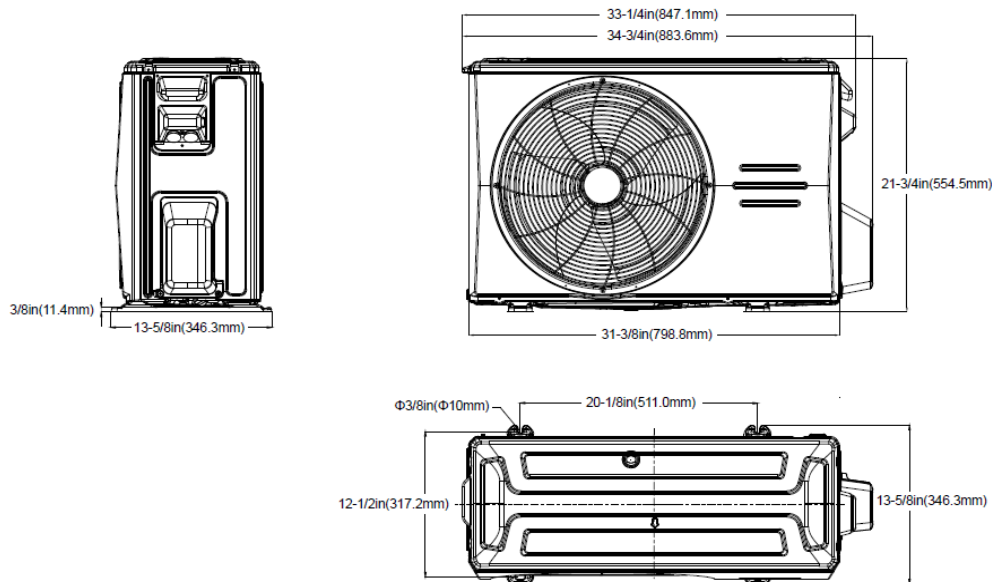
Unit: inch(mm)



NOTE:

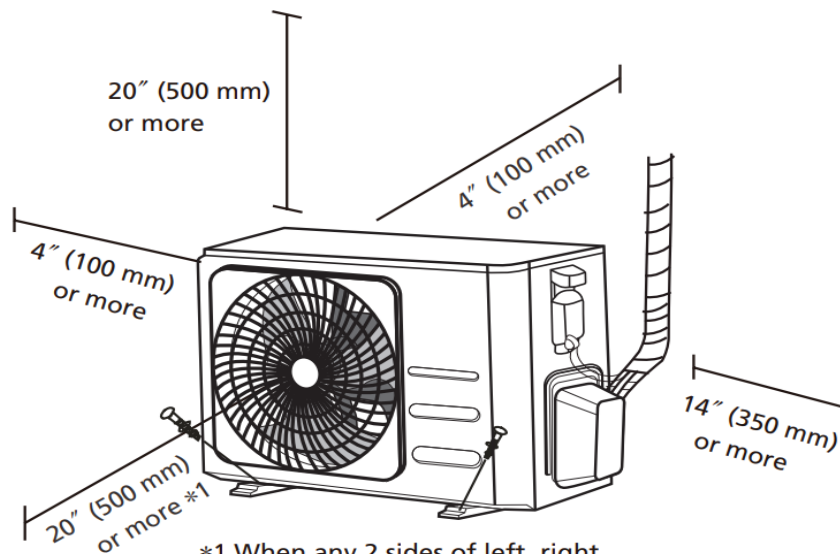
When the gas side connective pipe is Φ (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.

Outdoor Unit Dimension



Installation Instruction

Install the unit by following local codes and regulations, there may be differ slightly between different regions.



*1 When any 2 sides of left, right and rear of the unit are clear