

SUBMITTAL DATA SHEET



Series Name: Mini Split 25seer2 Series
Model Number: DLCSRBH12AAJ / DLFSHCH12XAJ

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)		412/353/294
Indoor Noise Level (H/M/L) (dBA)		40.5/35/23.5
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	10.4/13.2

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Refrigerant		R410A
Factory Charge		310ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		794
Outdoor Noise Level (dBA)		54
Dimension (W×D×H)	inch	30-1/8 x 11-7/8 x 21-7/8
	mm	765 x 303 x 555
Package (W×D×H)	inch	34-7/8 x 13-1/4 x 24
	mm	887 x 337 x 610
Net/Gross Weight	lbs	67/72
	kg	30.3/32.8

EFFICIENCY

Cooling		Heating	
SEER2	23.5	HSPF2-4	9.9
EER2	13.0	COP	3.5

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	3500~13200
Moisture Removal	1.16 L/H (2.5pint/H)
Standard Operating Range	-13°F~122°F (-25°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(5000~12200)
2. @ 17°F Rated	9100
3. @ 5°F Max: Capacity / COP	6800 / 2.16
Standard Operating Range	-13°F~75°F (-25°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	

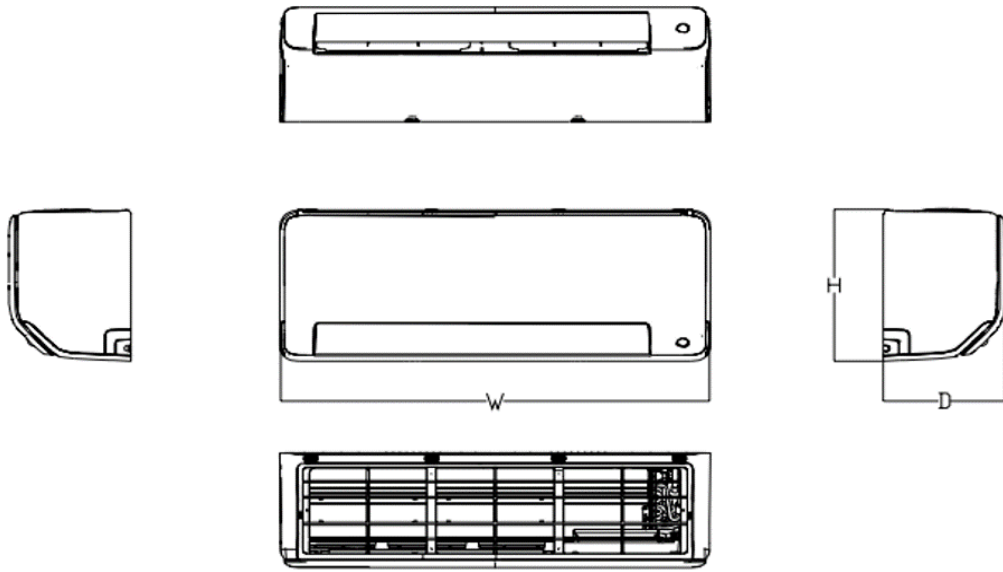
ELECTRICAL

Power Supply	115V, 1Ph, 60Hz
System MCA	19
Connection Wiring	AWG 14-4
System MOCP	20
Compressor RLA	11.46
Outdoor Fan Motor RLA	0.4
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.2
Indoor Fan Motor W	20
System Power Input @ Cooling (W)	923(75~930)
System Power Input @ Heating (W)	1000(280~960)
Recommended breaker size(A)	20
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

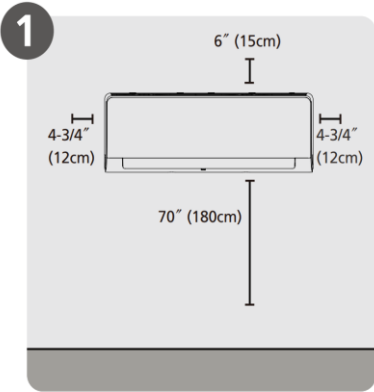
Liquid Size	1/4in (6.35mm)
Gas Size	1/2in (12.7mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	82ft (25m)
Max. Height Difference	32.8ft (10m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	39.51oz (1120g)
Additional Charge of Refrigerant	0.16oz/ft (15g/m)
Connection Method	Flared

Indoor Unit Dimension



Capacity	Body Code	W(inch/mm)	D(inch/mm)	H(inch/mm)
6K~12K	B	31-1/42 / 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

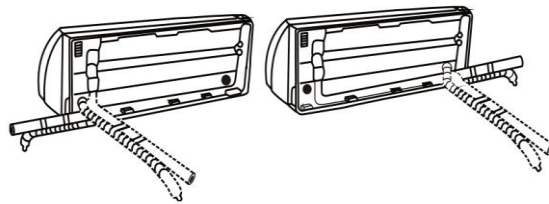
Installation Instruction



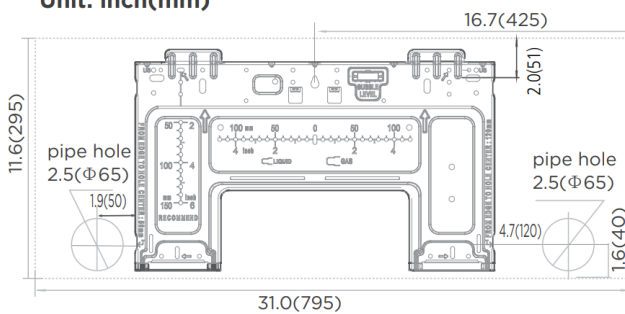
Select Installation Location

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.



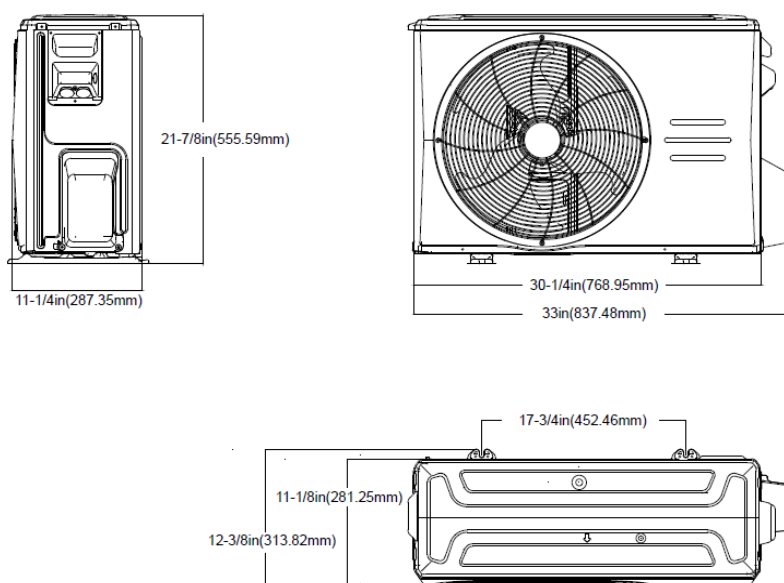
Unit: inch(mm)



NOTE:

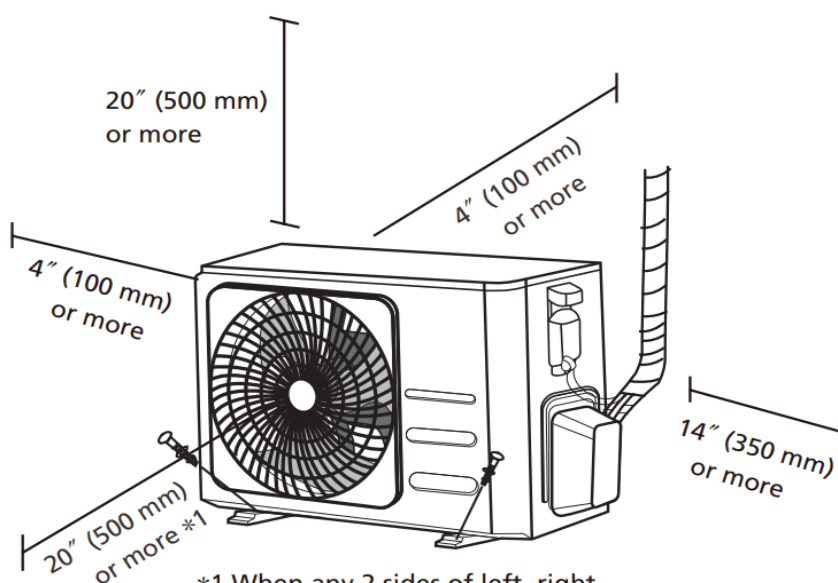
When the gas side connective pipe is Φ (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.

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