

SUBMITTAL DATA SHEET



Series Name: Mini Split 25seer2 Series
Model Number: DLCSRBH24AAK / DLFSHCH24XAK

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)	719/611/414
Indoor Noise Level (H/M/L) (dBA)	46/39/34
Dimension (WxDxH)	inch 44-7/8 x 10-7/8 x 14-5/8
	mm 1140x275x370
Package (WxDxH)	inch 48-1/2 x 17-7/8 x 14
	mm 1230 x 455 x 355
Net/Gross Weight	lbs 44/55
	kg 19.8/24.9

OUTDOOR SPECIFICATION

Compressor Type	Twin-ROTARY
Refrigerant	R410A
Factory Charge	620ml
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2235
Outdoor Noise Level (dBA)	62.5
Dimension (WxDxH)	inch 37-1/4 x 16-1/8 x 31-7/8
	mm 946 x 410 x 810
Package (WxDxH)	inch 42-7/8 x 19-5/8 x 34-7/8
	mm 1090 x 500 x 885
Net/Gross Weight	lbs 134/144
	kg 61/65.5

EFFICIENCY

Cooling	Heating
SEER2 21.5	HSPF2-4 11.4
EER2 13.0	COP 3.4

PERFORMANCE of Cooling

Cooling (Btu/hr)
Rated Capacity 24000
Min/Max Capacity 6850~27000
Moisture Removal 2.6 L/H (5.5pint/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) 29000(11600~33000)
2. @ 17°F Rated 26700
3. @ 5°F Max: Capacity / COP 25000 / 2.1
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

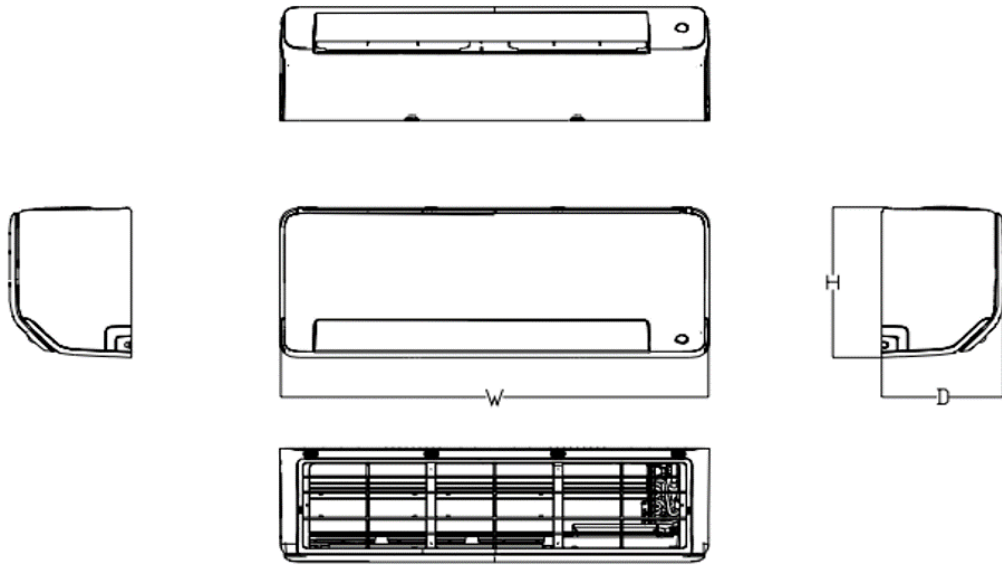
ELECTRICAL

Power Supply	208/230V, 1Ph, 60Hz
System MCA	25
Connection Wiring	AWG 14-4
System MOCP	35
Compressor RLA	17.1
Outdoor Fan Motor RLA	0.5
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	1845(310~2400)
System Power Input @ Heating (W)	2500(670~3000)
Recommended breaker size(A)	30
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

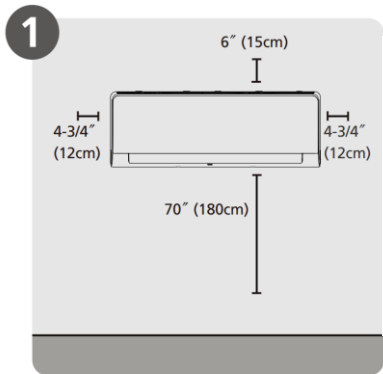
Liquid Size	3/8in (9.52mm)
Gas Size	5/8in (15.9mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	164ft (50m)
Max. Height Difference	82ft (25m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	91.71oz (2600g)
Additional Charge of Refrigerant	0.32oz/ft (30g/m)
Connection Method	Flared

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

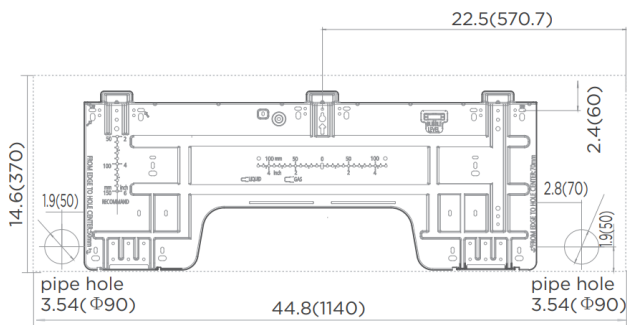
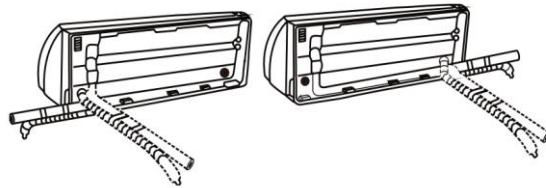
Installation Instruction



Select Installation Location

NOTE ON PIPING ANGLE

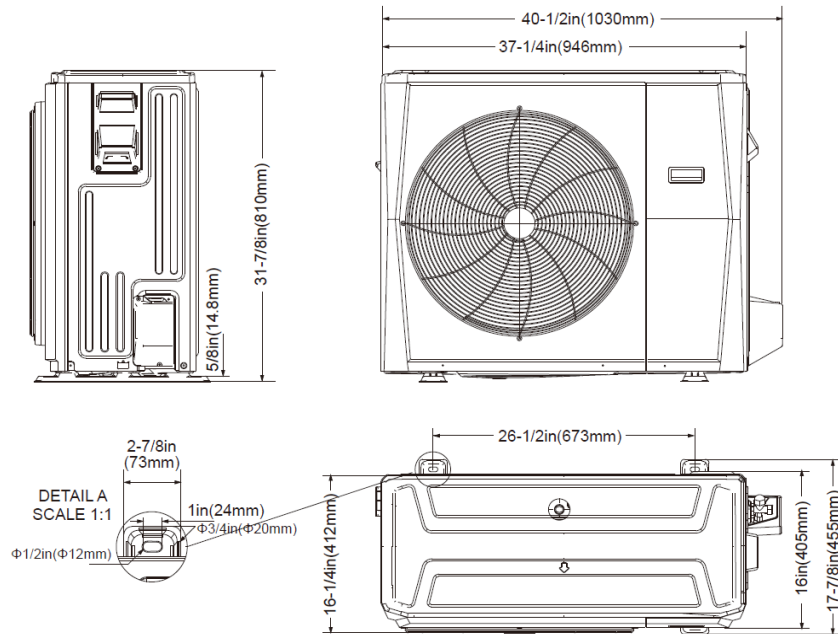
Refrigerant piping can exit the indoor unit from four different angles: Left-hand side, Right-hand side, Left rear, Right rear.



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.

