

# SUBMITTAL DATA SHEET



Series Name: Mini Split 25seer2 Series  
 Model Number: DLCSRBH36AAK / DLFSHCH36XAK

## Wall Mounted Heat Pump System

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



## INDOOR SPEINDOOR SPECIFICATIONCIFICATION

Indoor Air Flow (H/M/L) (CFM)	843/639/506	
Indoor Noise Level (H/M/L) (dBA)	47.5/42/35.5	
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	ROTARY	
Refrigerant	R410A	
Factory Charge	670ml	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2235	
Outdoor Noise Level (dBA)	65	
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	150/159
	kg	68.1/72.1

## EFFICIENCY

Cooling		Heating	
SEER2	20	HSPF2-4	8.0
EER2	8.5	COP	2.5

## PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	36000
Min/Max Capacity	9300~38800
Moisture Removal	5.1 L/H (10.8pint/H)
Standard Operating Range	5°F~122°F (-15°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)	36000(11570~37000)
2. @ 17°F Rated	20000
3. @ 5°F Max: Capacity / COP	20000 / 1.85
Standard Operating Range	5°F~75°F (-15°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

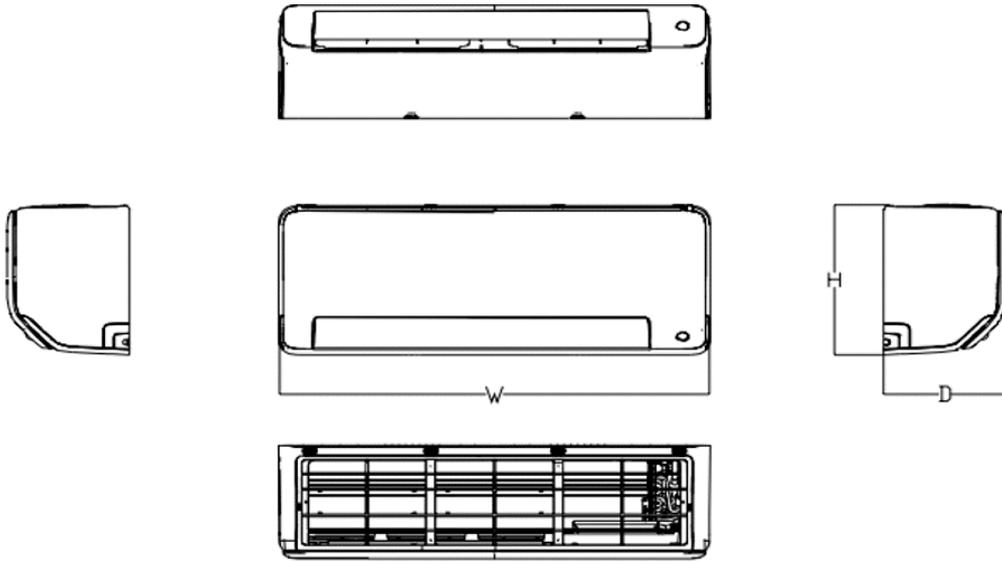
## ELECTRICAL

Power Supply	208/230V, 1Ph, 60Hz
System MCA	28
Connection Wiring	AWG 14-4
System MOCP	30
Compressor RLA	18
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)	4235(350~4600)
System Power Input @ Heating (W)	4200(710~4360)
<b>Recommended breaker size(A)</b>	<b>30</b>
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

## PIPING

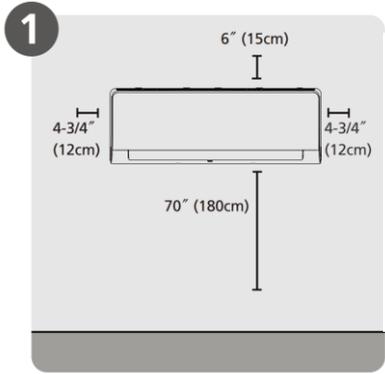
Liquid Size	3/8in (9.52mm)
Gas Size	5/8in (15.9mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	213.3ft (65m)
Max. Height Difference	98.4ft (30m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	119.93oz (3400g)
Additional Charge of Refrigerant	0.32oz/ft (30g/m)
Connection Method	Flared

### 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

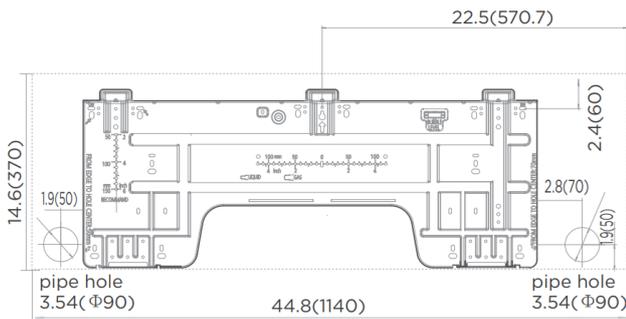
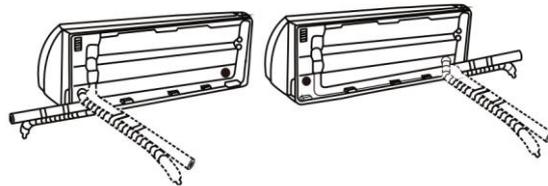
### Installation Instruction



**Select Installation Location**

#### NOTE ON PIPING ANGLE

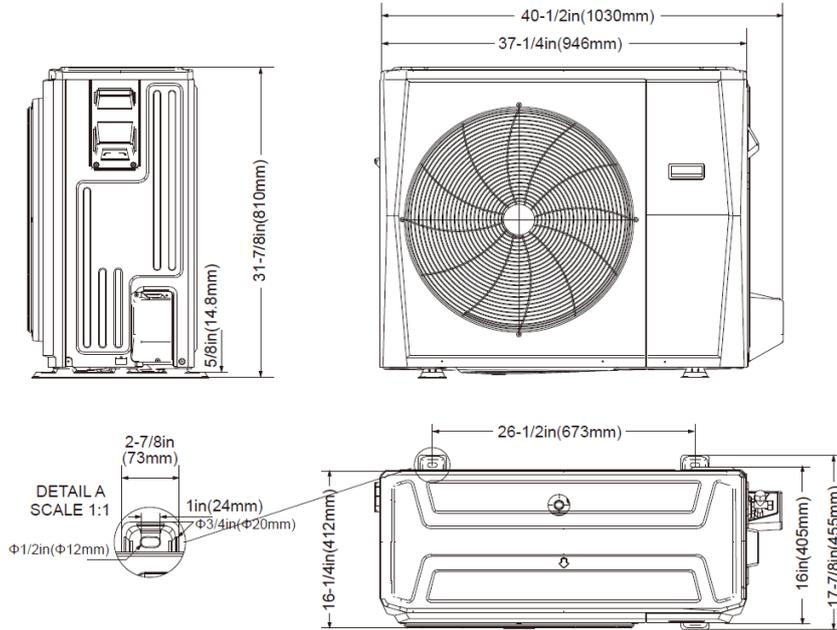
Refrigerant piping can exit the indoor unit from four different angles: Left-hand side, Right-hand side, Left rear, Right rear.



#### NOTE:

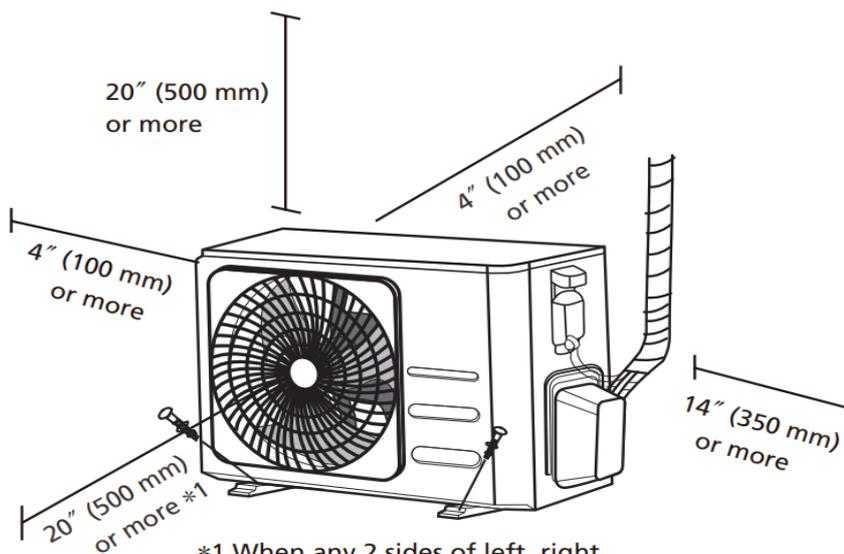
When the gas side connective pipe is  $\Phi$  (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.

### 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