

# SUBMITTAL DATA SHEET



Series Name: Mini Split 21seer2 Series  
Model Number: DLCEBH30AAK / DLFEHBH30XAK

## 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)	741/702/536	
Indoor Noise Level (H/M/L) (dBA)	50.5/45.5/39.5	
Dimension (WxDxH)	inch	49-5/8 x 11-1/8 x 14-1/4
	mm	1259 x 283 x 362
Package (WxDxH)	inch	52-3/4 x 17-3/4 x 15-1/8
	mm	1340 x 450 x 385
Net/Gross Weight	lbs	43/56
	kg	19.5/25.2

## OUTDOOR SPECIFICATION

Compressor Type	ROTARY	
Refrigerant	R410A	
Factory Charge	670ml	
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	143/153
	kg	64.8/69.2

## EFFICIENCY

Cooling		Heating	
SEER2	21.0	HSPF2-4	8.7
EER2	12.2	COP	2.8

## PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	30000
Min/Max Capacity	8200~30670
Moisture Removal	3.62 L/H (7.6pint/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)	30000(11800~30800)
2. @ 17°F Rated	20000
3. @ 5°F Max: Capacity / COP	20000 / 1.85
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

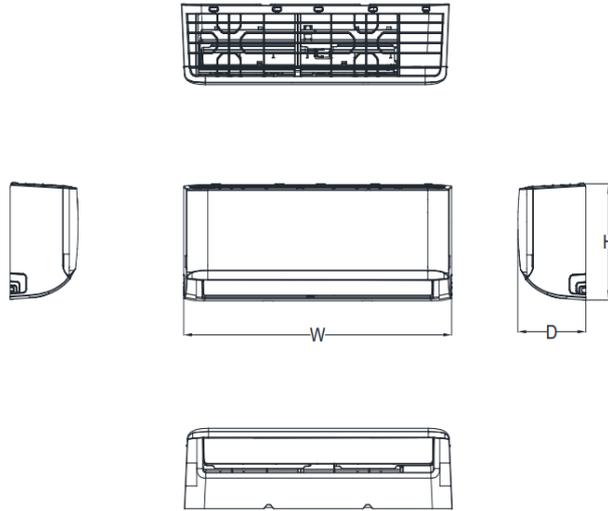
## ELECTRICAL

Power Supply	208/230V, 1Ph, 60Hz
System MCA	25
Connection Wiring	AWG 14-4
System MOCP	30
Compressor RLA	16
Outdoor Fan Motor RLA	1
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	2455(311~3008)
System Power Input @ Heating (W)	3200(671~3246)
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

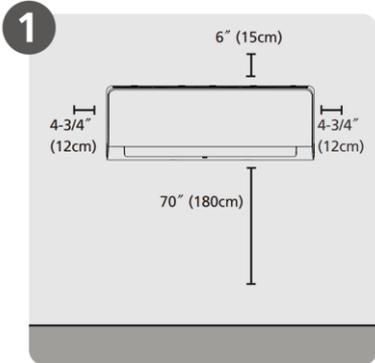
Liquid Size	3/8in (9.52mm)
Gas Size	5/8in (15.9mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	164ft (50m)
Max. Height Difference	82ft (25m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	98.77oz (2800g)
Additional Charge of Refrigerant	0.32oz/ft (30g/m)
Connection Method	Flared

### Indoor Unit Dimension



Capacity	Body Code	W(inch/mm)	D(inch/mm)	H(inch/mm)
6K~11K	A	28-3/4 / 729	7-7/8 / 200	11-1/2 / 292
8K~14K	B	31-5/8 / 802	7-7/8 / 200	11-5/8 / 295
12K~21K	C	38-1/4 / 971	9 / 228	12-5/8 / 321
18K~28K	D	42-5/8 / 1082	9-1/4 / 234	13-1/4 / 337
27K~36K	F	49-5/8 / 1259	11-1/8 / 283	14-1/4 / 362

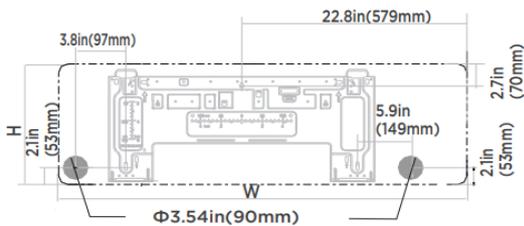
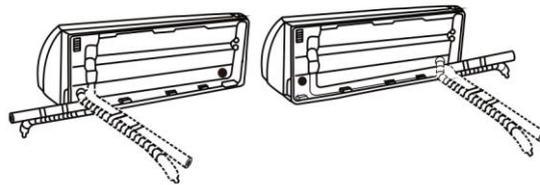
### Installation Instruction



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.

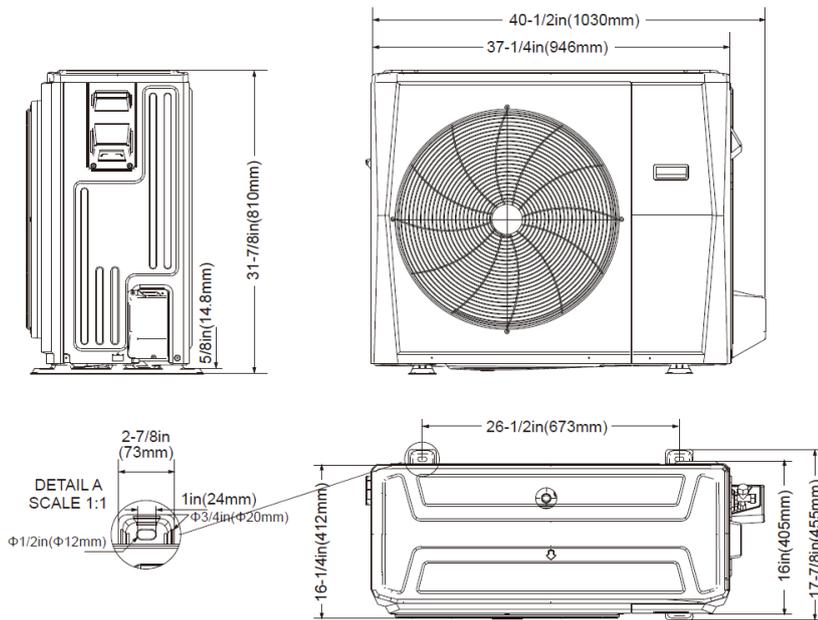


Indoor unit dimensions(WxH):  
42.6in(1082mm)x13.3(338mm)

#### 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.

