

SUBMITTAL DATA SHEET



Series Name: Mini Split 25seer2 Series
Model Number: DLCSRBH18AAK / DLFSHCH18XAK

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)	635/524/376
Indoor Noise Level (H/M/L) (dBA)	46/42/24
Dimension (W×D×H)	inch 38 x 9-3/8 x 12-5/8
	mm 965 x 239 x 319
Package (W×D×H)	inch 41-1/8 x 15-3/4 x 12-3/4
	mm 1045 x 400 x 325
Net/Gross Weight	lbs 27/36
	kg 12.3/16.2

OUTDOOR SPECIFICATION

Compressor Type	Twin-ROTARY
Refrigerant	R410A
Factory Charge	620ml
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1765
Outdoor Noise Level (dBA)	58
Dimension (W×D×H)	inch 35 x 13-1/2 x 26-1/2
	mm 890 x 342 x 673
Package (W×D×H)	inch 39-1/8 x 15-5/8 x 29-1/8
	mm 995 x 398 x 740
Net/Gross Weight	lbs 101/108
	kg 45.8/49

EFFICIENCY

Cooling	Heating
SEER2 21.5	HSPF2-4 11.3
EER2 12.5	COP 3.1

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	8870~19400
Moisture Removal	2.16 L/H (4.6pint/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)	18000(15100~19500)
2. @ 17°F Rated	19200
3. @ 5°F Max: Capacity / COP	18000 / 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

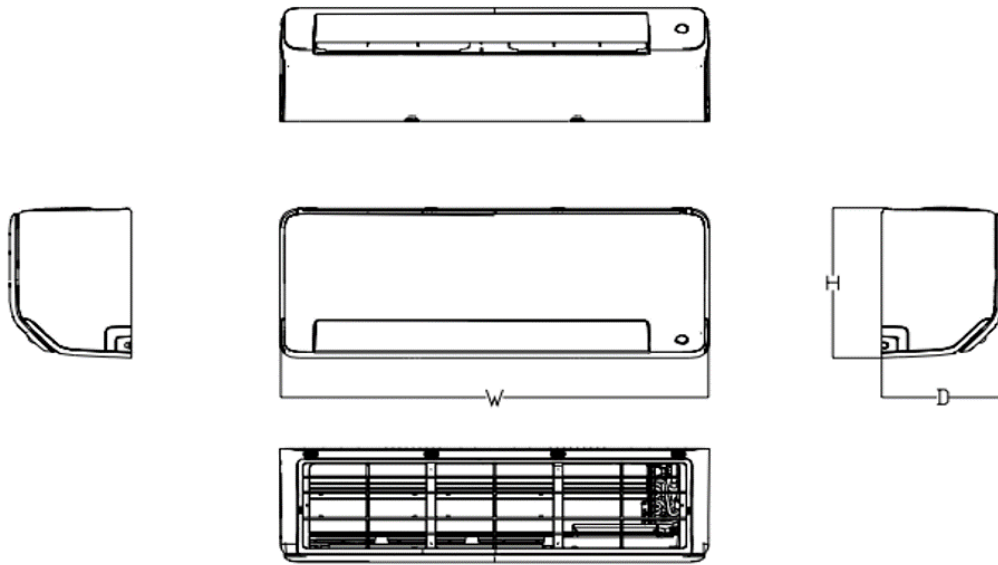
ELECTRICAL

Power Supply	208/230V, 1Ph, 60Hz
System MCA	20
Connection Wiring	AWG 14-4
System MOCP	25
Compressor RLA	14.25
Outdoor Fan Motor RLA	0.8
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	0.4
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	1440(230~1260)
System Power Input @ Heating (W)	1700(1390~2050)
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

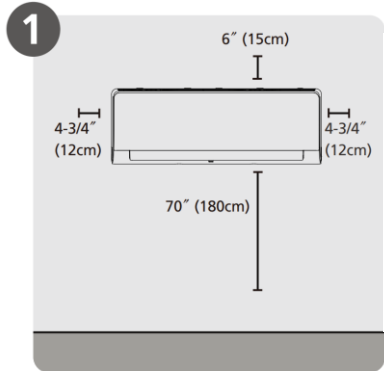
Liquid Size	1/4in (6.35mm)
Gas Size	1/2in (12.7mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	98.4ft (30m)
Max. Height Difference	65.6ft (20m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	65.26oz (1850g)
Additional Charge of Refrigerant	0.16oz/ft (15g/m)
Connection Method	Flared

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

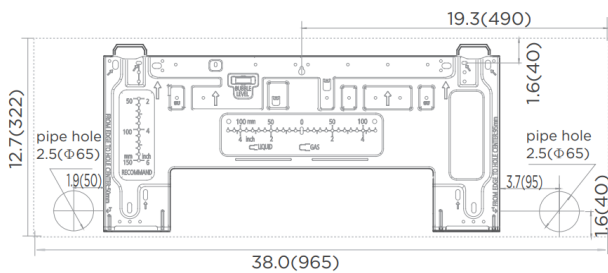
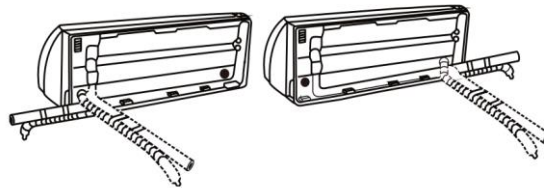
Installation Instruction



Select Installation Location

NOTE ON PIPING ANGLE

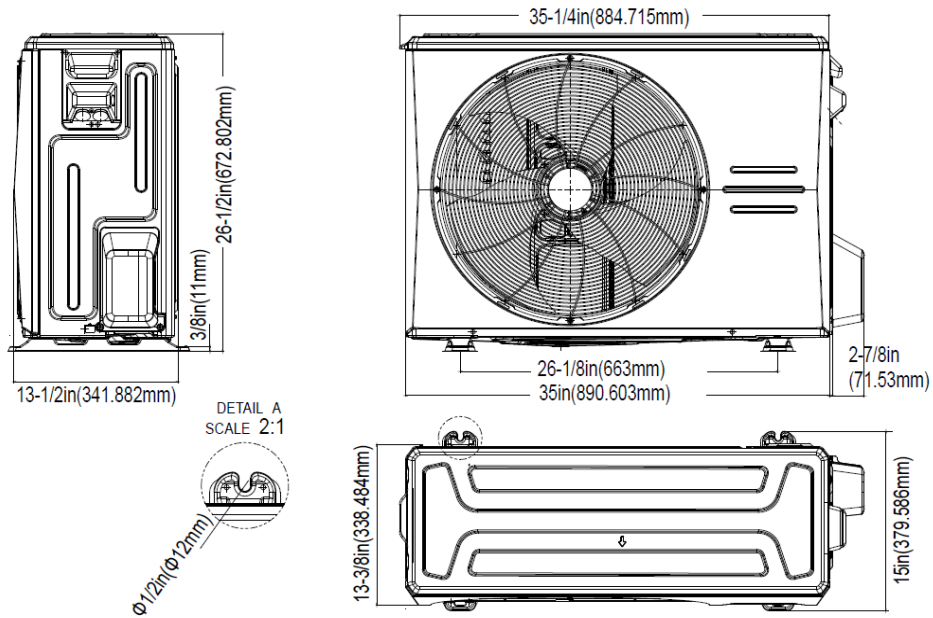
Refrigerant piping can exit the indoor unit from four different angles: Left-hand side, Right-hand side, Left rear, Right rear.



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.

