

SUBMITTAL DATA SHEET



Series Name: ROUND FLOW CASSETTE Series
Model Number: DLFLCBH36XAK / DLCLCH36AAK

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)	1041.18/947.06/852.94/752.94
Indoor Noise Level (H/M/L) (dBA)	52.5/50/46.5
Dimension (W×D×H)	inch 32-5/8 x 32-5/8 x 9-5/8
	mm 830.0×830.0×245.0
Package (W×D×H)	inch 35-7/8 x 35-7/8 x 11-1/2
	mm 910×910×290
Net/Gross Weight	kg 27.2/31.3
	lbs 59.97/69.00

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Refrigerant	R410A
Factory Charge	1000ml
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	3000
Outdoor Noise Level (dBA)	63.5
Dimension (W×D×H)	inch 37-1/4 x 16-1/8 x 31-7/8
	mm 946 x 410 x 810
Package (W×D×H)	inch 42-7/8 x 19-5/8 x 34-7/8
	mm 1090 x 500 x 885
Net/Gross Weight	kg 70.5/75.4
	lbs 155.42/166.23

EFFICIENCY

Cooling		Heating	
SEER2	19.2	HSPF2-4	8.8
EER2	9.4	COP	3.18

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	36000
Min/Max Capacity	12400~36000
Moisture Removal	4.52 L/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)	38000(11200~38000)
2. @ 17°F Rated	23000
3. @ 5°F Max: Capacity / COP	22000 / 2
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

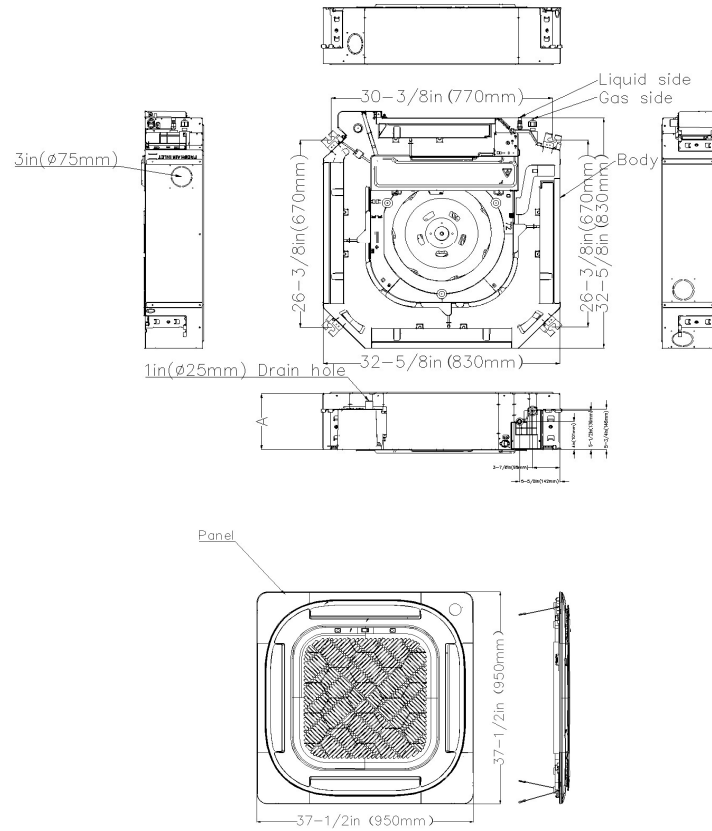
ELECTRICAL

Power Supply	208/230V, 1Ph, 60Hz
System MCA	30
Connection Wiring	AWG 14-4
System MOCAP	45
Compressor RLA	23.5
Outdoor Fan Motor RLA	1.35
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1
Indoor Fan Motor W	125
System Power Input @ Cooling (W)	3830(477~4000)
System Power Input @ Heating (W)	3500(666~3700)
Recommended breaker size(A)	30
MCA: Min. circuit amps (A)	MOCAP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

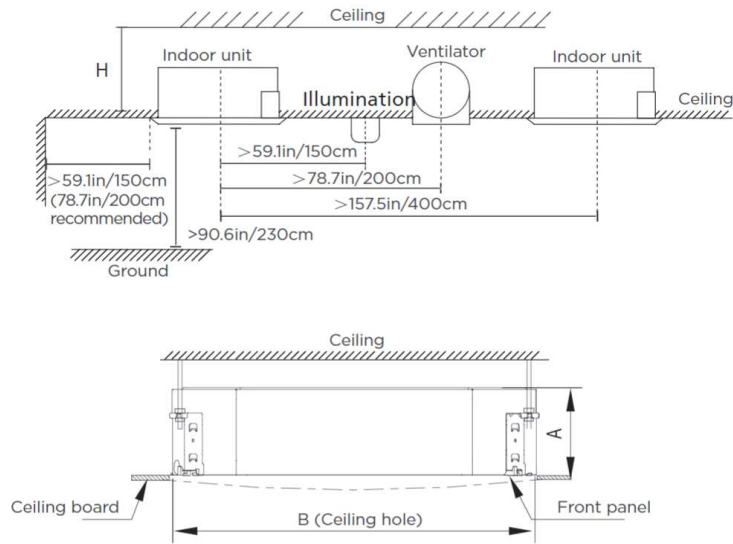
PIPING

Liquid Size	3/8in (9.52mm)
Gas Size	5/8in (15.9mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	213.25ft (65m)
Max. Height Difference	98.42ft (30m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	112.87oz (3200g)
Additional Charge of Refrigerant	0.32oz/ft (30g/m)
Connection Method	Flared

Indoor Unit Dimension



Installation Instruction

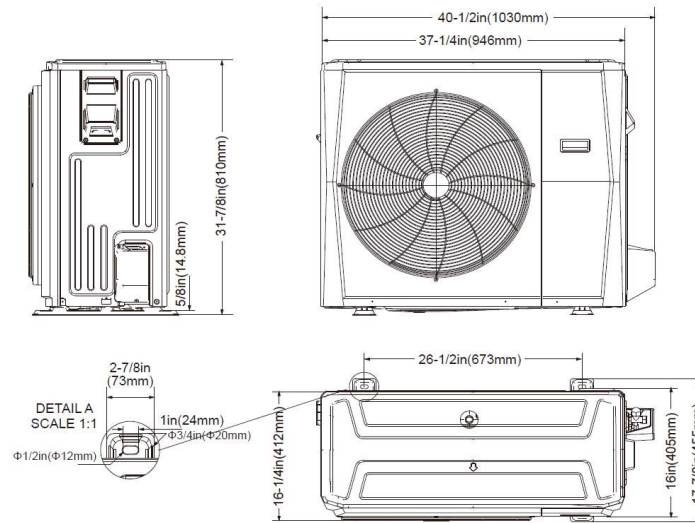


Distance from ceiling relative to height of indoor unit

MODEL	Length of A	Length of H	Length of B
AV/AVK/AVK	8.6in (215mm)	>10.6 in (275mm)	87.6in (2225mm)

9K/12K/18K	9.6in (245mm)	> 10.8in (275mm)	23.6in (600mm)
24K	8.03in (205mm)	9.06in (230mm)	35.4in (900mm)
36K	9.65in (245mm)	10.7in (271mm)	
48K	11.3in (287mm)	12.3in (313mm)	

Outdoor Unit Dimension



Installation Instruction

Install the unit by following local codes and regulations , there may be differ slightly between different regions.

