

SUBMITTAL DATA SHEET



Series Name: Regular Heat AHU Series
Model Number: [DLCURAH60AAK](#) / [DLFUAH60XAK](#)

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)		1806/1582/1359
Indoor Noise Level (H/M/L) (dBA)		52/48/43
Dimension (W×D×H)	inch	21 x 24-1/2 x 53
	mm	534 x 622 x 1346
Package (W×D×H)	inch	28 x 26-3/4 x 56-1/2
	mm	710 x 680 x 1435
Net/Gross Weight	lbs	163/193
	kg	73.8/87.5

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Refrigerant		R410A
Factory Charge		1400ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		4412
Outdoor Noise Level (dBA)		60
Dimension (WxDxH)	inch	37-1/2 x 16-3/8 x 52-1/2
	mm	952 x 415 x 1333
Package (WxDxH)	inch	43-1/8 x 19-1/2 x 58-1/4
	mm	1095 x 495 x 1480
Net/Gross Weight	lbs	217/248
	kg	98.5/112.7

EFFICIENCY

Cooling		Heating	
SEER2	14.9	HSPF2-4	8.5
EER2	8.8	COP	3.5

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	57000
Min/Max Capacity	12800~60200
Moisture Removal	5.2 L/H (11.0 pint/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)	60000(12000~63100)
2. @ 17°F Rated	37000
3. @ 5°F Max: Capacity / COP	34600 / 1.9
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	
Indoor: 70°F DB/60°F WB	
Operating at Max. Frequency	
Outdoor: 5°F DB/5°F WB	

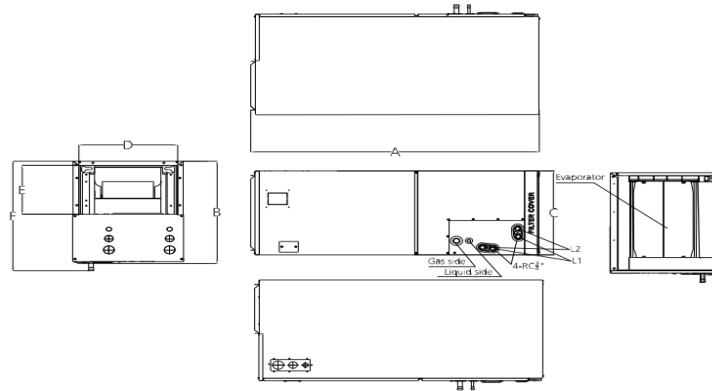
ELECTRICAL

Power Supply	208/230V, 1Ph, 60Hz
System MCA	34/9
Connection Wiring	AWG 14-4
System MOCP	60/15
Compressor RLA	24.6
Outdoor Fan Motor RLA	2.4
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	7
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	6475(700~6450)
System Power Input @ Heating (W)	5085(865~6086)
Recommended breaker size(A)	40/15
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

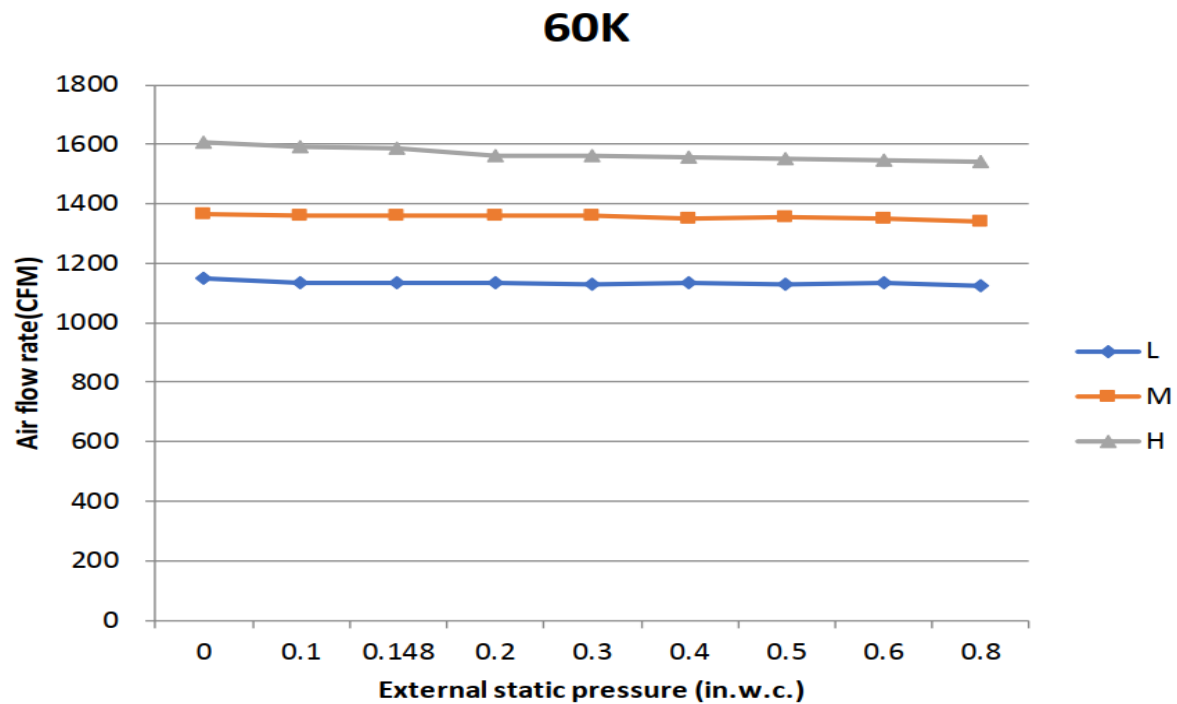
Liquid Size	3/8in (9.52mm)
Gas Size	7/8in (22mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	213.3ft (65m)
Max. Height Difference	98.4ft (30m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	172.84oz (4887g)
Additional Charge of Refrigerant	0.69oz/ft (65g/m)
Connection Method	Flared

Indoor Unit Dimension

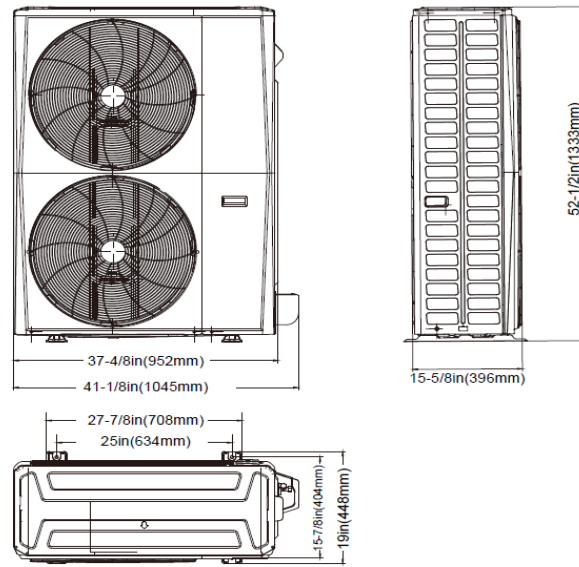


Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k~48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Fan Performance



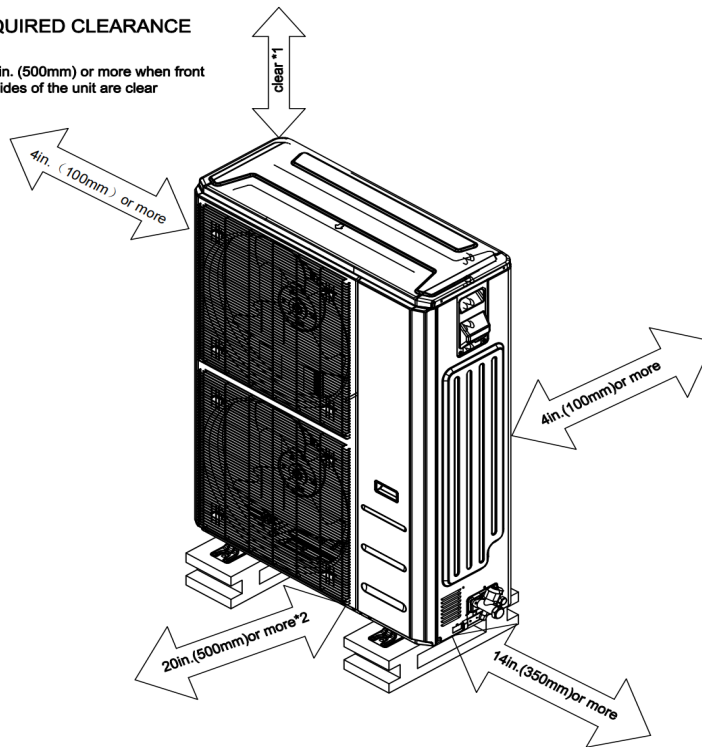
Outdoor Unit Dimension



Installation Instruction

REQUIRED CLEARANCE

*1 20in. (500mm) or more when front and sides of the unit are clear



*2 When any 2 sides of left, right and rear of the unit are clear