

Outdoor Unit Multi-zone Heat Pump Ductless System

Outdoor Model: **DLCMRAH18BAK**

Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:



MULTI-ZONE STANDARD FEATURES

Features Outdoor:

- Connect 2, multiple style indoor units
 - High Wall
 - Cassette
 - Ducted
 - Console

- Variable Speed (Inverter) Compressor
- Basepan Heater factory installed
- Quiet operation
- Aluminum Golden Hydrophilic pre-coated fins

Cooling operating range -13°~122° F (-25°~50° C)

Heating operating range -22°~86° F (-30°~30° C)



Compatibility Table

For matched compatibility see Product Data

INDOOR UNIT	
High Wall	DLFPHAH09XAK
	DLFPHAH12XAK
	DLFSHBH06XAK
	DLFSHAH09XAK
	DLFSHAH12XAK
	DLFEHAH09XAK
Cassette	DLFSCAH09XAK
	DLFSCAH12XAK
Ducted	DLFSDAH09XAK
	DLFSDAH12XAK
Console	DLFSFAH12XAK

Phased Out

Specifications

System	Size	18	
	Outdoor Model	DLCMRAH18BAK	
	Max Number of Zones	2	
Performance Non-Ducted	Energy Star	YES	
	Cooling System Tons	1.416666667	
	Cooling Rated Capacity	Btu/h	17,000
	Cooling Cap. Range Min - Max	Btu/h	5810~21940
	SEER	21.1	
	EER	12.5	
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Maximum Capacity (5°F)	Btu/h	13,800
	Heating Cap. Range Min - Max	Btu/h	5760~24480
	HSPF	9.7	
	COP (47°F)	W/W	3.5
COP (5°F)	W/W	2.72	
Performance Combination Ducted and Non-Ducted	Energy Star	NO	
	Cooling System Tons	1.458333333	
	Cooling Rated Capacity	Btu/h	17,500
	Cooling Cap. Range Min - Max	Btu/h	5795~20708
	SEER	19.75	
	EER	12.15	
	Heating Rated Capacity (47°F)	Btu/h	18,250
	Heating Maximum Capacity (5°F)	Btu/h	14,100
	Heating Cap. Range Min - Max	Btu/h	5650~24365
	HSPF	9.55	
	COP (47°F)	W/W	3.65
COP (5°F)	W/W	2.41	
Performance Ducted	Energy Star	NO	
	Cooling System Tons	1.5	
	Cooling Rated Capacity	Btu/h	18,000
	Cooling Cap. Range Min - Max	Btu/h	5780~19476
	SEER	18.4	
	EER	11.8	
	Heating Rated Capacity (47°F)	Btu/h	18,500
	Heating Maximum Capacity (5°F)	Btu/h	14,400
	Heating Cap. Range Min - Max	Btu/h	5539~24249
	HSPF	9.4	
	COP (47°F)	W/W	3.8
COP (5°F)	W/W	2.1	

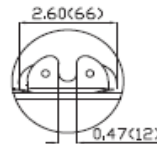
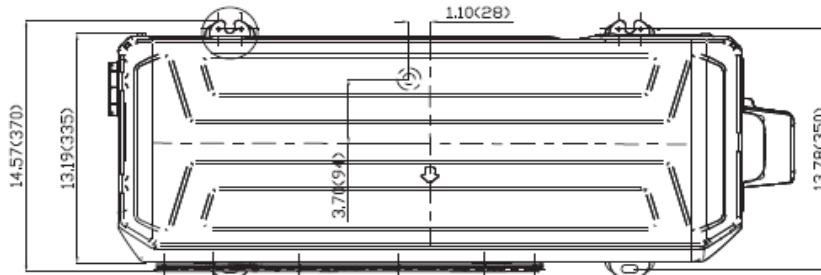
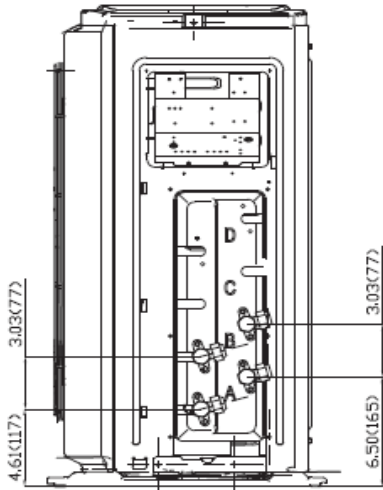
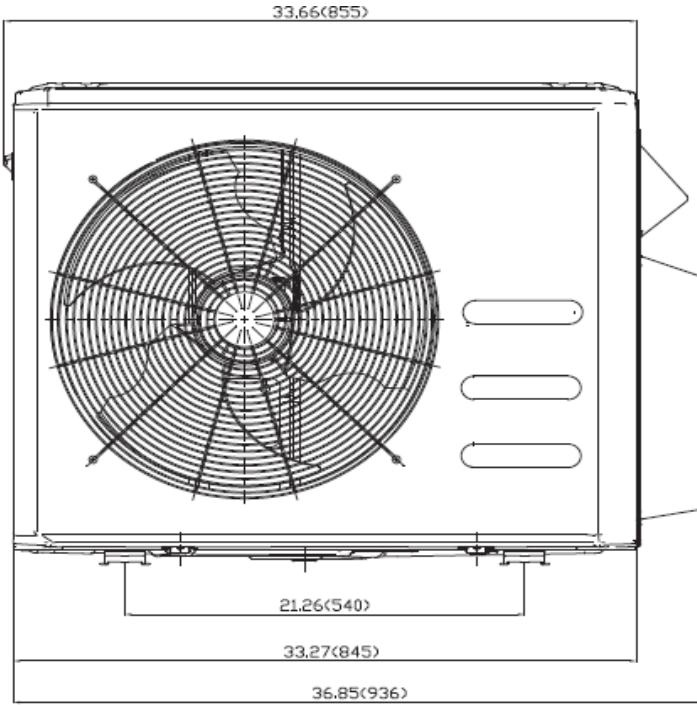
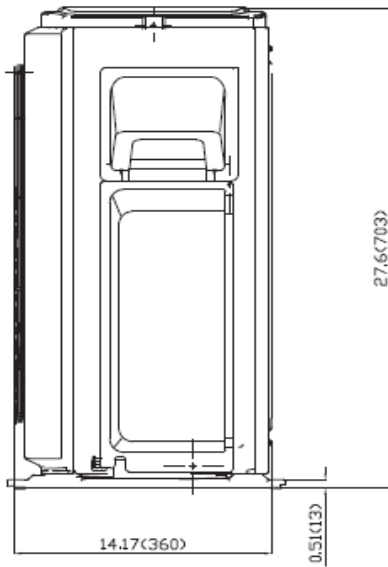
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-13~122 (-25~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~86 (-30~30)
Piping	Total Piping Length	ft (m)	131 (40)
	Piping to furthest FCU	ft (m)	82 (25)
	Drop (OD above ID)	ft (m)	49 (15)
	Lift (OD below ID)	ft (m)	49 (15)
	Pipe Connection Size - Liquid	in (mm)	1/4*2(6.35*2)
Pipe Connection Size - Suction	in (mm)	3/8*2(9.52*2)	
Refrigerant	Type	R410A	
	Charge	lbs (kg)	4.41 (2.0)
	Metering Device	EEV	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Power Supply	Indoor unit powered from outdoor unit	
	MCA	A.	18
	MOCP - Fuse Rating	A.	25
Compressor	Type	R410A	
	Model	ATM150D23UFZ	
	Oil Type	ESTER OIL VG74	
	Oil Charge	Fl. Oz.	17.64
Rated Current	RLA	10	
Outdoor	Unit Width	in (mm)	37.31 (948)
	Unit Height	in (mm)	27.64 (702)
	Unit Depth	in (mm)	14.82 (376)
	Net Weight	lbs (kg)	105.8 (48)
	Airflow	CFM	1390
Sound Pressure	dB(A)	62.4	

Rated Combinations

Two Zones
6+6
6+9
6+12
9+9
9+12
12+12

Construction View

Outdoor Model: **DLCMRAH18BAK**



NOTE: Master valves are not available on the size 18 unit.

