

# 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
- Anti-corrosive fin coating

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
	DLFSHAH09XAK
	DLFSHAH12XAK
	DLFEHAH09XAK
	DLFEHAH12XAK
Cassette	DLFSCAH09XAK
	DLFSCAH12XAK
Ducted	DLFSDAH09XAK
	DLFSDAH12XAK
Console	DLFSFAH12XAK

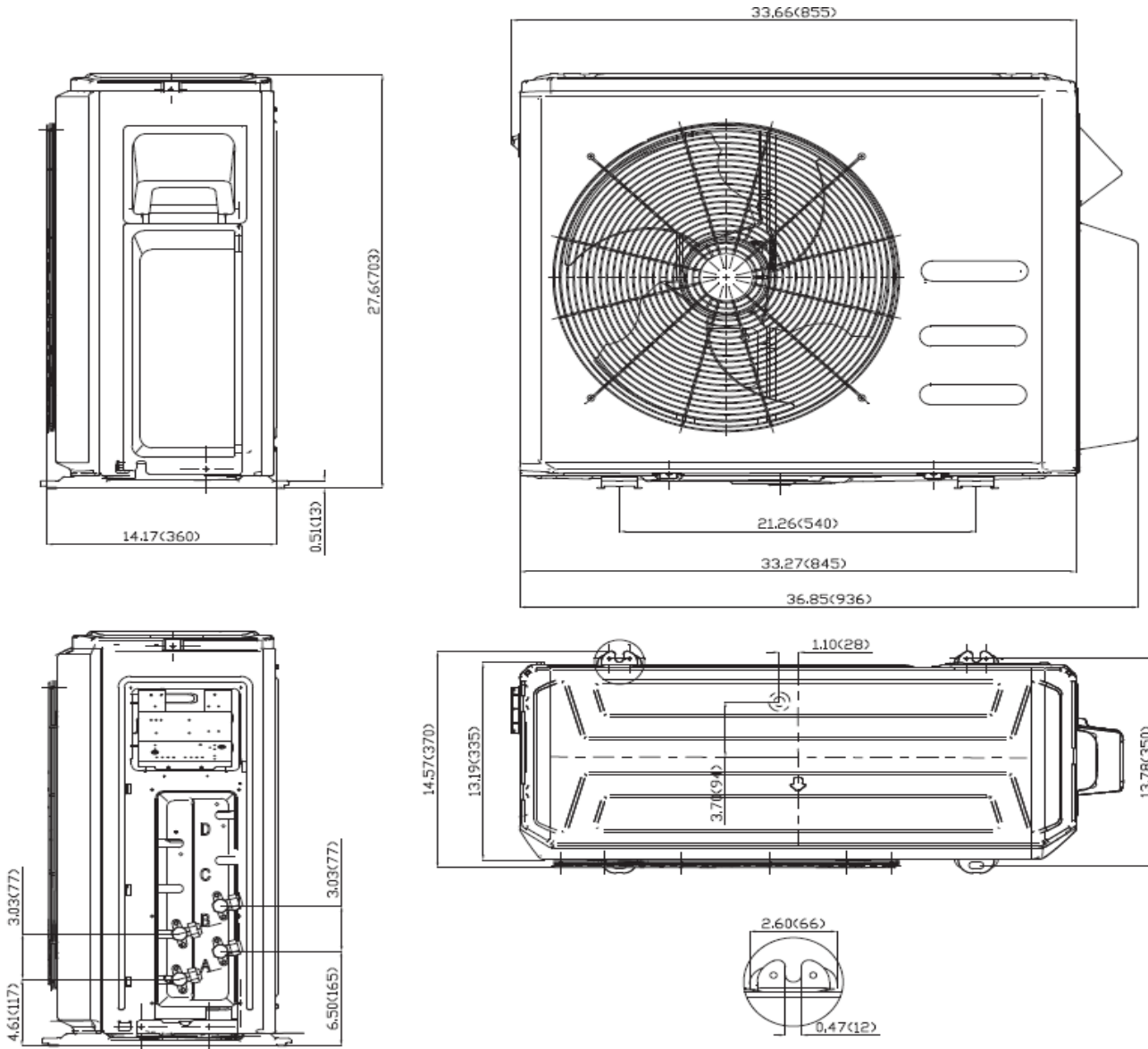
# Specifications

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

# Construction View

Outdoor Model: **DLCMRAH18BAK**



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

