

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: **DLCSRAH18AAK**

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Refrigerant Leakage Detection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet operation
- Aluminum Golden Hydrophilic pre-coated fins



NOTE: Images for illustration purposes only. Actual models may be slightly different.

System	Size	18	
	Outdoor Model	DLCSRAH18AAK	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	17
	MOCP - Fuse Rating	A.	25
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)	98 (30)
	Piping Lift	ft (m)	66 (20)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	4.3 (1.95)

Outdoor Coil	Face Area	Sq. Ft.	5.2
	No. Rows	2	
	Fins per inch	18	
	Circuits	4	
Compressor	Type	Rotary Inverter	
	Model	ATF235D22UMT	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	23.6
	Rated Current	RLA	12.3
Outdoor	Unit Width	in (mm)	33.27 (845)
	Unit Height	in (mm)	27.63 (702)
	Unit Depth	in (mm)	14.26 (363)
	Net Weight	lbs (kg)	113.3 (51.4)
	Airflow	CFM	1,824
	Sound Pressure	dB(A)	58.9

* Condensing unit above or below indoor unit
For Compatibility See Product Data

Performance

High Wall	Indoor Model		DLFSHAH18XAK
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	18,000
	Cooling Cap. Range Min - Max	Btu/h	4300-21200
	SEER		22.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	11,900
	Heating Maximum Capacity (17°F)	Btu/h	21,500
	Heating Maximum Capacity (5°F)	Btu/h	20,700
	Heating Cap. Range Min - Max	Btu/h	2900-22900
	HSPF		10.5
	COP (47°F)	W/W	3.22
	COP (17°F)	W/W	2.50
COP (5°F)	W/W	1.60	
Cassette	Indoor Model		DLFSCAH18XAK
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	16,000
	Cooling Cap. Range Min - Max	Btu/h	6000-18700
	SEER		20.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (17°F)	Btu/h	22,700
	Heating Maximum Capacity (5°F)	Btu/h	20,000
	Heating Cap. Range Min - Max	Btu/h	8900-21400
	HSPF		10.5
	COP (47°F)	W/W	2.95
	COP (17°F)	W/W	2.58
COP (5°F)	W/W	1.45	
Ducted	Indoor Model		DLFSDAH18XAK
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	16,500
	Cooling Cap. Range Min - Max	Btu/h	6000-18700
	SEER		20.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	19,000
	Heating Rated Capacity (17°F)	Btu/h	12,400
	Heating Maximum Capacity (17°F)	Btu/h	22,700
	Heating Maximum Capacity (5°F)	Btu/h	20,000
	Heating Cap. Range Min - Max	Btu/h	8900-21400
	HSPF		10.8
	COP (47°F)	W/W	2.95
	COP (17°F)	W/W	2.58
COP (5°F)	W/W	1.45	
Floor Console	Indoor Model		DLFSFAH18XAK
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	17,000
	Cooling Cap. Range Min - Max	Btu/h	6600-20600
	SEER		19.9
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	12,900
	Heating Maximum Capacity (17°F)	Btu/h	21,500
	Heating Maximum Capacity (5°F)	Btu/h	18,700
	Heating Cap. Range Min - Max	Btu/h	9000-22300
	HSPF		10.2
	COP (47°F)	W/W	3.48
	COP (17°F)	W/W	2.30
COP (5°F)	W/W	1.60	

Construction View

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