

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MHRCQ18AA3

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:

STANDARD FEATURES

- Cost competitive
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- *For residential applications. See warranty for full details.



Specifications

System	Size	18	
	Outdoor Model	38MHRCQ18AA3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	15
	MOCP - Fuse Rating	A.	20
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	0~122 (-17~50)
	Heating Outdoor DB Min - Max	°F(°C)	0~86 (-17~30)
Piping	Total Piping Length	ft (m)	98 (30)
	Piping Lift*	ft (m)	65 (20)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
Refrigerant	Type	R410A	
	Charge	lbs (kg)	2.98 (1.35)
	Metering Device	EEV	
Outdoor Coil	Face Area	Sq. Ft.	4.67
	No. Rows	2	
	Fins per inch	20	
	Circuits	4	

* Condensing unit above or below indoor unit

Compressor	Compressor Type	Rotary Inverter	
	Model	KSN140D21UFZ	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	14.9
Outdoor	Rated Current	RLA	10
	Unit Width	in (mm)	31.69 (805)
	Unit Height	in (mm)	21.81 (554)
	Unit Depth	in (mm)	12.99 (330)
	Net Weight	lbs (kg)	73.85 (33.5)
	Airflow	CFM	1235
	Sound Pressure	dB(A)	55

Performance

High Wall	Energy Star		NO
	Cooling System Tons		1.5
	Cooling Rated Capacity	Btu/h	18000
	Cooling Cap. Range Min - Max	Btu/h	3760~19900
	SEER	Btu/Wh	19
	EER	Btu/Wh	11.2
	Heated Rated Capacity (47°F)	Btu/h	18000
	Heated Rated Capacity (17°F)	Btu/h	11900
	Heated Rated Capacity (5°F)	Btu/h	10000
	Heating Cap. Range Min - Max	Btu/h	6400~19000
	HSPF		11
	COP (47°F)	W/W	3.2
	COP (17°F)	W/W	2.72
	COP (5°F)	W/W	2

Compatibility Table

OUTDOOR UNIT	38MHRCQ18AA3
INDOOR UNIT	40MHHQ18---3

Construction View

