

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MHRCQ12AA1

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		12
	Outdoor Model		38MHRCQ12AA1
Electrical	Voltage, Phase, Cycle		V/Ph/Hz 115-1-60
	MCA	A.	18.5
	MOCP - Fuse Rating		A. 25
Operating Range	Cooling Outdoor DB Min - Max		°F(°C) 0~122 (-17~50)
Piping	Total Piping Length	ft (m)	82 (25)
	Piping Lift*	ft (m)	32 (10)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
	Type		R410A
Refrigerant	Charge	lbs (kg)	1.79 (0.81)
	Metering Device		EEV
	Face Area	Sq. Ft.	4.04
Outdoor Coil	No. Rows		1
	Fins per inch		20
	Circuits		2

* Condensing unit above or below indoor unit

Compressor	Compressor Type		Rotary Inverter
	Model		KSN98D64UFZ3
	Oil Type		VG74
	Oil Charge	Fl. Oz.	10.2
	Rated Current		RLA 7.5
Outdoor	Unit Width	in (mm)	30.12 (765)
	Unit Height	in (mm)	21.85 (555)
	Unit Depth	in (mm)	11.93 (303)
	Net Weight	lbs (kg)	62.17 (28.2)
	Airflow	CFM	1235
	Sound Pressure	dB(A)	53.5

Performance

High Wall	Energy Star		NO
	Cooling System Tons		1
	Cooling Rated Capacity	Btu/h	12000
	Cooling Cap. Range Min - Max	Btu/h	4500~12100
	SEER	Btu/Wh	19.8
	EER	Btu/Wh	9.9
	Heated Rated Capacity (47°F)	Btu/h	12000
	Heated Rated Capacity (17°F)	Btu/h	7000
	Heated Rated Capacity (5°F)	Btu/h	7000
	Heating Cap. Range Min - Max	Btu/h	5500~12000
	HSPF		10.8
	COP (47°F)	W/W	3
	COP (17°F)	W/W	2.35
	COP (5°F)	W/W	1.6

Compatibility Table

OUTDOOR UNIT	38MHRCQ12AA1
INDOOR UNIT	40MHHQ12---1

Construction View

