

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MHRBQ12AA1

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Cost competitive
- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Aluminum Golden Hydrophilic pre-coated fins

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	38MHRBQ12AA1	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60
	MCA	A.	13
	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)	82 (25)
	Piping Lift*	ft (m)	33 (10)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
Refrigerant	Refrigerant Type	R410A	
	Charge	lbs (kg)	2.12 (0.96)
	Metering Device	EEV	
Outdoor Coil	Face Area	Sq. Ft.	4.1
	No. Rows	1.6	
	Fins per inch	18	
	Circuits	2	
Compressor	Type	Rotary Inverter	
	Model	ASN98D22UFZ	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	13.0
	Rated Current	RLA	10.5

* Condensing unit above or below indoor unit

Performance High Wall	Energy Star		NO
	Cooling System Tons		1
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	3,700~13,000
	SEER	Btu/Wh	19.8
	EER	Btu/Wh	10
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	9,000
	Heating Cap. Range Min - Max	Btu/h	3,500~13,500
	HSPF		10.6
Outdoor	COP (47°F)	W/W	2.93
	COP (5°F)	W/W	1.6
	Unit Width	in (mm)	30.31 (770)
	Unit Height	in (mm)	21.85 (555)
	Unit Depth	in (mm)	11.81 (300)
	Net Weight	lbs (kg)	69 (31.3)
	Airflow	CFM	1,170
	Sound Pressure	dB(A)	54.5

Compatibility Table

OUTDOOR UNIT	38MHRBQ12AA1
INDOOR UNIT	40MHHQ12--1

Construction View

