

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MHRQ24A--3

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Cost competitive
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Aluminum Blue 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		24
	Outdoor Model		38MHRQ24A--3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	18
	MOCP - Fuse Rating	A.	25
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)	164 (50)
	Piping Lift*	ft (m)	65 (20)
	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)
Refrigerant	Type		R410A
	Charge	lbs (kg)	3.97 (1.80)
	Metering Device		EEV
Outdoor Coil	Face Area	Sq. Ft.	5.33
	No. Rows		2
	Fins per inch		18
	Circuits		4
Compressor	Compressor Type		Rotary Inverter
	Model		ATF235D22UMT
	Oil Type		VG74
	Oil Charge	Fl. Oz.	23.6
	Rated Current		RLA
			12

* Condensing unit above or below indoor unit

Performance High Wall	Energy Star		NO
	Cooling System Tons		1.8
	Cooling Rated Capacity	Btu/h	22000
	Cooling Cap. Range Min - Max	Btu/h	4000~24200
	SEER	Btu/Wh	16.8
	EER	Btu/Wh	10.5
	Heating Rated Capacity (47°F)	Btu/h	25000
	Heating Maximum Capacity (5°F)	Btu/h	16760
	Heating Cap. Range Min - Max	Btu/h	4000~24200
	HSPF		9
	COP (47°F)	W/W	2.9
	COP (5°F)	W/W	1.4
Outdoor	Unit Width	in (mm)	33.27(845)
	Unit Height	in (mm)	27.64(702)
	Unit Depth	in (mm)	14.29(363)
	Net Weight	lbs (kg)	105.2 (47.7)
	Airflow	CFM	553
	Sound Pressure	dB(A)	60.1

Compatibility Table

OUTDOOR UNIT	38MHRQ24A--3
INDOOR UNIT	40MHHQ24--3

Construction View

