

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MBRQ48A--3

Submittal Data

Job Data:

Location:

Buyer:

Buyer P.O. #:

Carrier #:

Unit Number:

Model Number:

Performance Data Certified By:

Date:



STANDARD FEATURES

Features Outdoor:

- Variable Speed (Inverter) Compressor
- Basepan Heater factory installed
- Quiet operation
- Aluminum Golden Hydrophilic pre-coated fins
- Piping length 213 ft. (65 m)

Cooling operating range -13° ~ 122° F (-25° ~ 50°C)
Heating operating range -22°~86°F (-30°~30°C)

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		48
	Outdoor Model		38MBRQ48A--3
Electrical	Voltage, Phase, Cycle		V/Ph/Hz 208/230-1-60
	MCA		A. 35
	MOCP - Fuse Rating		A. 50
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) 213 (65)
	Piping Lift		ft (m) 98 (30)
	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)	9.26 (4.2)
	Metering Device		EEV
Outdoor Coil	Face Area	Sq. Ft.	13.64
	No. Rows		2
	Fins per inch		18
	Circuits		8
Compressor	Type		R410A
	Model		ATQ420D1UMU
	Oil Type		ESTER OIL VG74
	Oil Charge	Fl. Oz.	39.51
	Rated Current		RLA 11.86
Outdoor	Unit Width	in (mm)	37.48 (952)
	Unit Height	in (mm)	52.48 (1333)
	Unit Depth	in (mm)	16.34 (415)
	Net Weight	lbs (kg)	217.4 (98.6)
	Airflow	CFM	4,500
	Sound Pressure	dB(A)	62.5

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

Performance

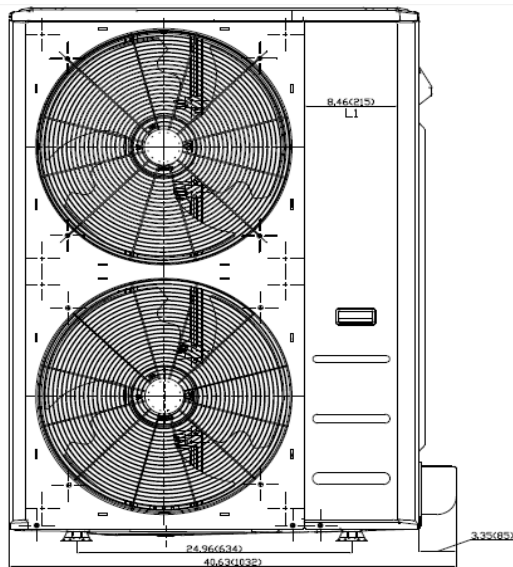
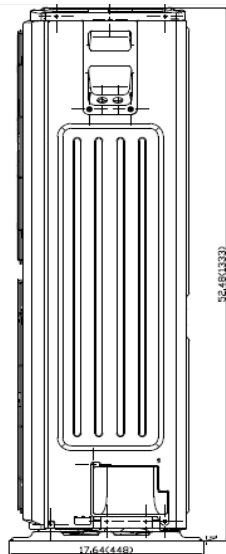
Cassette	Indoor Model		40MBCQ48---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	48,000
	Cooling Cap. Range Min - Max	Btu/h	9,000~50,000
	SEER		16.8
	EER		9.5
	Heating Rated Capacity (47°F)	Btu/h	50,000
	Heating Rated Capacity (17°F)	Btu/h	35,000
	Heating Capacity (5°F)	Btu/h	34,000
	Heating Cap. Range Min - Max	Btu/h	10,000~55,000
	HSPF		11
	COP (47°F)	W/W	3.6
	COP (17°F)	W/W	2.62
	COP (5°F)	W/W	1.84

Floor Console	Indoor Model		40MBFQ48---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	48,000
	Cooling Cap. Range Min - Max	Btu/h	9,000~50,000
	SEER		17.8
	EER		9.3
	Heating Rated Capacity (47°F)	Btu/h	50,000
	Heating Rated Capacity (17°F)	Btu/h	35,000
	Heating Capacity (5°F)	Btu/h	34,000
	Heating Cap. Range Min - Max	Btu/h	10,000~55,000
	HSPF		11
	COP (47°F)	W/W	3.6
	COP (17°F)	W/W	2.62
	COP (5°F)	W/W	1.84

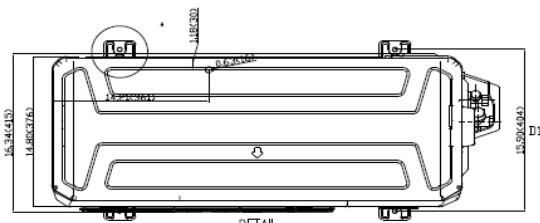
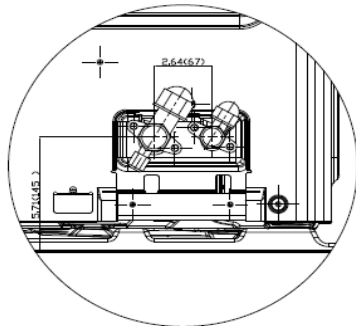
Ducted	Indoor Model		40MBDQ48---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	48,000
	Cooling Cap. Range Min - Max	Btu/h	9,000~50,000
	SEER		17.4
	EER		9.2
	Heating Rated Capacity (47°F)	Btu/h	49,500
	Heating Rated Capacity (17°F)	Btu/h	33,400
	Heating Capacity (5°F)	Btu/h	34,000
	Heating Cap. Range Min - Max	Btu/h	10,000~55,000
	HSPF		10.3
	COP (47°F)	W/W	3.6
	COP (17°F)	W/W	2.62
	COP (5°F)	W/W	1.84

Backward compatible with 40MBQB*D and 619R*D Ducted

Construction View



DETAIL .



DETAIL .

