

Outdoor Unit Single Zone Heat Pump Ductless System



Outdoor Model: **38MAQB12R--3**

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



PreferredTM
SERIES



STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Refrigerant Leakage Detection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet 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.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

System	Size	12	
	Outdoor Model	38MAQB12R--3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	9
	MOCP - Fuse Rating	A.	15
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)	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)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	3.31 (1.5)

Outdoor Coil	Face Area	Sq. Ft.	4.5
	No. Rows	2	
	Fins per inch	18	
	Circuits	4	
Compressor	Type	Hermetic Rotary DC Inverter	
	Model	ATM115D43UFZ2	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	17.6
Outdoor	Rated Current	RLA	5.7
	Unit Width	in (mm)	32.09 (815)
Outdoor	Unit Height	in (mm)	21.81 (554)
	Unit Depth	in (mm)	13.11 (333)
	Net Weight	lbs (kg)	91.5 (41.5)
	Airflow	CFM	1,200
	Sound Pressure	dB(A)	56.0

Performance

High Wall	Indoor Model		619PEQ012BBMA
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4000~13800
	SEER		22.5
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	11,800
	Heating Rated Capacity (17°F)	Btu/h	7,800
	Heating Maximum Capacity (17°F)	Btu/h	11,800
	Heating Maximum Capacity (5°F)	Btu/h	11,800
	Heating Cap. Range Min - Max	Btu/h	5000~15500
	HSPF		12.0
	COP (47°F)	W/W	3.56
	COP (17°F)	W/W	2.64
COP (5°F)	W/W	1.98	
Cassette	Indoor Model		40MBCQ12---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000~13000
	SEER		19.5
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,257
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000~13500
	HSPF		10.6
	COP (47°F)	W/W	3.67
	COP (17°F)	W/W	2.40
COP (5°F)	W/W	1.62	
Ducted	Indoor Model		619REQ012DBMA
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	11,500
	Cooling Cap. Range Min - Max	Btu/h	4,000~13,000
	SEER		19.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,492
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000~13,500
	HSPF		10.5
	COP (47°F)	W/W	3.66
	COP (17°F)	W/W	2.58
COP (5°F)	W/W	1.72	
Floor Console	Indoor Model		40MBFQ12---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000~13,000
	SEER		19.4
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,448
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000~13,500
	HSPF		10.5
	COP (47°F)	W/W	3.17
	COP (17°F)	W/W	2.49
COP (5°F)	W/W	1.49	

Backward compatible with 619REQ*C Cassette, 619REQ*F Floor Console Systems.

Performance

Vertical Fan Coil	Indoor Model		FFMANP019T00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000~13,000
	SEER		18.6
	EER		11.6
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	7,400
	Heating Maximum Capacity (17°F)	Btu/h	11,800
	Heating Maximum Capacity (5°F)	Btu/h	11,800
	Heating Cap. Range Min - Max	Btu/h	5,000 ~13,200
	HSPF		10.0
	COP (47°F)	W/W	4.10
	COP (17°F)	W/W	2.64
COP (5°F)	W/W	2.15	
Horizontal Fan Coil	Indoor Model		FPMBN*018T00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	4,000~12,400
	SEER		16.0
	EER		10.8
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,800
	Heating Maximum Capacity (17°F)	Btu/h	13,000
	Heating Maximum Capacity (5°F)	Btu/h	13,000
	Heating Cap. Range Min - Max	Btu/h	5,000~13,400
	HSPF		10.0
	COP (47°F)	W/W	3.40
	COP (17°F)	W/W	2.78
COP (5°F)	W/W	2.15	

Construction View

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