

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MAQB18R--3

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



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 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.



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

System	Size	18	
	Outdoor Model	38MAQB18R--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)	-13~122 (-25~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~86 (-30~30)
Piping	Total Piping Length	ft (m)	98 (30)
	Piping Lift ¹	ft (m)	65 (20)
	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)	4.30 (1.95)

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

Outdoor Coil	Face Area	Sq. Ft.	5.2
	No. Rows	2	
	Fins per inch	18	
	Circuits	4	
Compressor	Type	Rotary Inverter	
	Model	ATF235D22UMT	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	23.6
	Rated Current	RLA	12.3
Outdoor	Unit Width	in (mm)	33.66 (855)
	Unit Height	in (mm)	27.63 (702)
	Unit Depth	in (mm)	14.17 (360)
	Net Weight	lbs (kg)	118.2 (53.6)
	Airflow	CFM	1,390
	Sound Pressure	dB(A)	57.5

Performance

High Wall	Indoor Model		40MAQB18B--3
	Indoor Model		619PEQ018BBMA
	Indoor Model		DHMSHAQ18XA3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	17,000
	Cooling Cap. Range Min - Max	Btu/h	4,500~18,800
	SEER		20.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	10,800
	Heating Maximum Capacity (17°F)	Btu/h	18,000
	Heating Maximum Capacity (5°F)	Btu/h	18,000
	Heating Cap. Range Min - Max	Btu/h	5,500~24,000
	HSPF		10.3
	COP (47°F)	W/W	3.14
	COP (17°F)	W/W	2.64
COP (5°F)	W/W	1.63	
Cassette	Indoor Model		40MBCQ18---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	16,000
	Cooling Cap. Range Min - Max	Btu/h	4,500~18,000
	SEER		20.0
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (17°F)	Btu/h	18,000
	Heating Maximum Capacity (5°F)	Btu/h	18,000
	Heating Cap. Range Min - Max	Btu/h	5,500~19,000
	HSPF		10.5
	COP (47°F)	W/W	3.43
	COP (17°F)	W/W	2.55
COP (5°F)	W/W	1.75	
Ducted	Indoor Model		40MBDQ18---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	16,500
	Cooling Cap. Range Min - Max	Btu/h	4,500~18,000
	SEER		19.6
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	19,000
	Heating Rated Capacity (17°F)	Btu/h	13,400
	Heating Maximum Capacity (17°F)	Btu/h	20,200
	Heating Maximum Capacity (5°F)	Btu/h	19,000
	Heating Cap. Range Min - Max	Btu/h	5,500~19,000
	HSPF		11.0
	COP (47°F)	W/W	2.93
	COP (17°F)	W/W	2.71
COP (5°F)	W/W	1.75	
Console	Indoor Model		40MBFQ18---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	17,000
	Cooling Cap. Range Min - Max	Btu/h	6830-19800
	SEER		19.9
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Rated Capacity (17°F)	Btu/h	13,400
	Heating Maximum Capacity (17°F)	Btu/h	21,500
	Heating Maximum Capacity (5°F)	Btu/h	21,300
	Heating Cap. Range Min - Max	Btu/h	12900-29000
	HSPF		10.6
	COP (47°F)	W/W	3.48
	COP (17°F)	W/W	2.38
COP (5°F)	W/W	1.66	

Backward compatible with 40MBQB*C Cassette, 40MBQB*D Ducted

Performance

Vertical Fan Coil	Indoor Model		FMA4X1800AL
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	17,200
	Cooling Cap. Range Min - Max	Btu/h	8500~28,000
	SEER		15.5
	EER		10.9
	Heating Rated Capacity (47°F)	Btu/h	17,800
	Heating Rated Capacity (17°F)	Btu/h	10,800
	Heating Maximum Capacity (17°F)	Btu/h	23,100
	Heating Maximum Capacity (5°F)	Btu/h	17,800
	Heating Cap. Range Min - Max	Btu/h	7,800~23,000
	HSPF		9.8
	COP (47°F)	W/W	4.00
	COP (17°F)	W/W	2.50
COP (5°F)	W/W	2.10	
Horizontal Fan Coil	Indoor Model		FMC4Z1800AL
	Indoor Model		FMU4Z1800AL
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	17,600
	Cooling Cap. Range Min - Max	Btu/h	7,000~29,000
	SEER		19.0
	EER		11
	Heating Rated Capacity (47°F)	Btu/h	17,400
	Heating Rated Capacity (17°F)	Btu/h	12,200
	Heating Maximum Capacity (17°F)	Btu/h	23,700
	Heating Maximum Capacity (5°F)	Btu/h	19,500
	Heating Cap. Range Min - Max	Btu/h	9,000~24,000
	HSPF		10.3
	COP (47°F)	W/W	3.78
COP (17°F)	W/W	2.76	
COP (5°F)	W/W	2.18	

Multi-family applications with the FMA4, FMC and FMU fan coils require the 24V interface 2nd Generation KSAIC0301230 and the Piping Adaptor Kit RCD# 331831-70 to facilitate piping installation when removing the TXV kit from the indoor unit

Construction View

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