

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MAQB30R--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
- Anti-corrosive fin coating

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	30	
	Outdoor Model	38MAQB30R--3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	20
	MOCP - Fuse Rating	A.	30
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-13~122 (-25~50)
	Heating Outdoor DB Min - Max	°F(°C)	-13~86 (-25~30)
Piping	Total Piping Length	ft (m)	164 (50)
	Piping Lift	ft (m)	82 (25)
	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	6.06 (2.75)

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

Outdoor Coil	Face Area	Sq. Ft.	8.0
	No. Rows		3
	Fins per inch		18
	Circuits		6
Compressor	Type	Rotary Inverter	
	Model	ATF250D22UMT	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	23.6
	Rated Current	RLA	15.0
Outdoor	Unit Width	in (mm)	37.24 (946)
	Unit Height	in (mm)	31.89 (810)
	Unit Depth	in (mm)	16.14 (410)
	Net Weight	lbs (kg)	139.8 (63.4)
	Airflow	CFM	2,130
	Sound Pressure	dB(A)	60.5

Accessories

RCD# 331831-701	Piping Adaptor Kit, to facilitate piping installation when matched with FMA/FMC/FMU
RCD# 40MD000003	Piping Adaptor Kit, to facilitate piping installation when matched with FV4

Performance

High Wall	Indoor Model		40MAQB30B--3
	Indoor Model		619PEQ030BBMA
	Indoor Model		DHMSHAQ30XA3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	30,000
	Cooling Cap. Range Min - Max	Btu/h	8,000~30,500
	SEER		19.8
	EER		11.5
	Heating Rated Capacity (47°F)	Btu/h	30,000
	Heating Rated Capacity (17°F)	Btu/h	18,500
	Heating Maximum Capacity (17°F)	Btu/h	18,500
	Heating Maximum Capacity (5°F)	Btu/h	16,380
	Heating Cap. Range Min - Max	Btu/h	9,000~34000
	HSPF		9.4
COP (47°F)	W/W	2.60	
COP (17°F)	W/W	2.16	
COP (5°F)	W/W	2.20	
FMA Fan Coil	Indoor Model		FMA4X3000AL
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	29,200
	Cooling Cap. Range Min - Max	Btu/h	10,000~38,500
	SEER		16.5
	EER		11.3
	Heating Rated Capacity (47°F)	Btu/h	30,200
	Heating Rated Capacity (17°F)	Btu/h	21,200
	Heating Maximum Capacity (17°F)	Btu/h	25,200
	Heating Maximum Capacity (5°F)	Btu/h	22,400
	Heating Cap. Range Min - Max	Btu/h	10,500~33,500
	HSPF		11.0
	COP (47°F)	W/W	3.00
	COP (17°F)	W/W	2.75
COP (5°F)	W/W	2.55	
FMC - FMU Fan Coil	Indoor Model		FMC4Z3000AL
	Indoor Model		FMU4Z3000AL
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	28,600
	Cooling Cap. Range Min - Max	Btu/h	9,600~38,500
	SEER		18.0
	EER		11.1
	Heating Rated Capacity (47°F)	Btu/h	30,000
	Heating Rated Capacity (17°F)	Btu/h	20,200
	Heating Maximum Capacity (17°F)	Btu/h	24,400
	Heating Maximum Capacity (5°F)	Btu/h	21,600
	Heating Cap. Range Min - Max	Btu/h	9,000~39,000
	HSPF		10.8
	COP (47°F)	W/W	3.33
COP (17°F)	W/W	2.58	
COP (5°F)	W/W	2.40	
FV4 Fan Coil	Indoor Model		FV4CNF003L00
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	28,800
	Cooling Cap. Range Min - Max	Btu/h	10,800~27,650
	SEER		17.5
	EER		11.0
	Heating Rated Capacity (47°F)	Btu/h	29,200
	Heating Rated Capacity (17°F)	Btu/h	20,200
	Heating Maximum Capacity (17°F)	Btu/h	23,910
	Heating Maximum Capacity (5°F)	Btu/h	22,400
	Heating Cap. Range Min - Max	Btu/h	9,300~33,500
	HSPF		10.5
	COP (47°F)	W/W	3.15
	COP (17°F)	W/W	2.50
COP (5°F)	W/W	2.55	

Applications with the FMA4, FMC, FMU and FV4 fan coils require the 24V interface 2nd Generation KSAIC0301230 and a Piping Adaptor Kit to facilitate piping installation when removing the TXV kit from the

Construction View

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