

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: **38MBRBQ36AA3**

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 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	36	
	Outdoor Model	38MBRBQ36AA3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	30
	MOCP - Fuse Rating	A.	45
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)	7.05 (3.2)
	Metering Device	EEV	
Outdoor Coil	Face Area	Sq. Ft.	9
	No. Rows	2	
	Fins per inch	20	
	Circuits	4	
Compressor	Type	R410A	
	Model	KTF310D43UMT	
	Oil Type	ESTER OIL VG74	
	Oil Charge	Fl. Oz.	33.82
	Rated Current	RLA	23.5
Outdoor	Unit Width	in (mm)	41.1 (1,045)
	Unit Height	in (mm)	31.9 (810)
	Unit Depth	in (mm)	17.9 (455)
	Net Weight	lbs (kg)	155.42 (70.5)
	Airflow	CFM	2,118
	Sound Pressure	dB(A)	61.7

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

Performance

Air Handler	Indoor Model		40MBAAQ36XA3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	36,000
	Cooling Cap. Range Min - Max	Btu/h	7,500~52,200
	SEER		16.5
	EER		8.5
	Heating Rated Capacity (47°F)	Btu/h	39,000
	Heating Rated Capacity (17°F)	Btu/h	25,000
	Maximum Heating Capacity (5°F)	Btu/h	25,800
	Heating Cap. Range Min - Max	Btu/h	11,800~45,400
	HSPF		10.4
	COP (47°F)	W/W	3.2
	COP (17°F)	W/W	2.45
COP (5°F)	W/W	2.3	

Cassette	Indoor Model		40MBCQ36---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	36,000
	Cooling Cap. Range Min - Max	Btu/h	7,500~52,200
	SEER		17.6
	EER		9
	Heating Rated Capacity (47°F)	Btu/h	38,000
	Heating Rated Capacity (17°F)	Btu/h	22,000
	Maximum Heating Capacity (5°F)	Btu/h	32,200
	Heating Cap. Range Min - Max	Btu/h	12,600~55,800
	HSPF		10.6
	COP (47°F)	W/W	3.01
	COP (17°F)	W/W	2.49
COP (5°F)	W/W	2.41	

Ducted	Indoor Model		40MBDQ36---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	36,000
	Cooling Cap. Range Min - Max	Btu/h	7,500~52,100
	SEER		16.7
	EER		9
	Heating Rated Capacity (47°F)	Btu/h	40,000
	Heating Rated Capacity (17°F)	Btu/h	27,000
	Maximum Heating Capacity (5°F)	Btu/h	29,100
	Heating Cap. Range Min - Max	Btu/h	11,400~50,500
	HSPF		11.5
	COP (47°F)	W/W	3.37
	COP (17°F)	W/W	2.6
COP (5°F)	W/W	2.5	

Floor Console	Indoor Model		40MBFQ36---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	36,000
	Cooling Cap. Range Min - Max	Btu/h	7,500~52,100
	SEER		17
	EER		8
	Heating Rated Capacity (47°F)	Btu/h	38,000
	Heating Rated Capacity (17°F)	Btu/h	22,000
	Maximum Heating Capacity (5°F)	Btu/h	29,300
	Heating Cap. Range Min - Max	Btu/h	11,400~50,000
	HSPF		10
	COP (47°F)	W/W	2.8
	COP (17°F)	W/W	2.3
COP (5°F)	W/W	2.05	

Construction View

