

38MBRB Outdoor Unit

Preferred Series



OUTDOOR FEATURES

- Built-in basepan heater
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating
- Piping length 213 ft. (65 m)
- Cooling operating range -13° ~ 122° F (-25° ~ 50° C)
- Heating operating range -22° ~ 86° F (-30° ~ 30° C)

COMPATIBLE WITH

- 40MBAA Air Handler
- 40MBCQ Cassette
- 40MBDQ Ducted
- 40MBFQ Floor Console

PREFERRED™
SERIES

Heat Pump with Basepan Heater

Inverter Compressor

Up to 18.0 SEER

Up to 11.5 HSPF

Sizes: 36 / 48

KEY FEATURES

Flexible Installation

Piping flexibility up to a total piping length of 213 ft. (65 m).

Low Ambient Cooling



Air Handler
SIZES: 36 / 48



Cassette



Ducted



Floor Console

SPECIFICATIONS

38MRB Outdoor Unit			
Heat Pump			
System			
Size		36	48
Outdoor Model		38MRBQ36AA3	38MRBQ48AA3
Electrical			
Voltage-Phase-Cycle	V-Ph-Hz	208/230-1-60	208/230-1-60
MCA	A.	30	36.5
MOCP - Fuse Rating	A.	45	50
Operating Range			
Cooling Outdoor DB Min - Max	° F (° C)	-13~122 (-25~50)	-13~122 (-25~50)
Heating Outdoor DB Min - Max	° F (° C)	-22~86 (-30~30)	-22~86 (-30~30)
Piping			
Total Piping Length	ft (m)	213 (65)	213 (65)
Piping Lift*	ft (m)	98 (30)	98 (30)
Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	5/8 (16)	5/8 (16)
Refrigerant			
Type		R410A	R410A
Charge	lbs (kg)	7.05 (3.2)	9.92 (4.5)
Compressor			
Type		Rotary Inverter	Rotary Inverter
Outdoor			
Unit Width	in (mm)	41.1 (1,045)	40.5 (1,030)
Unit Height	in (mm)	31.9 (810)	52.4 (1,333)
Unit Depth	in (mm)	17.9 (455)	17.6 (448)
Net Weight	lbs (kg)	155.42 (70.5)	219.14 (99.4)
Airflow	CFM	2,118	4,500
Sound Pressure	dB(A)	61.7	62.9

*Condensing unit above or below indoor unit.

COMPATIBILITY

Indoor Unit		Outdoor Unit	
		38MRBQ36AA3	38MRBQ48AA3
40MBDQ Ducted	40MBDQ36---3	•	
	40MBDQ48---3		•
40MBAA Air Handler	40MBAAQ36XA3	•	
	40MBAAQ48XA3		•
40MBFQ Floor Console	40MBFQ36---3	•	
	40MBFQ48---3		•
40MBCQ Cassette	40MBCQ36---3	•	
	40MBCQ48---3		•

Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice or incurring obligations.

PERFORMANCE

			40MBCQ Cassette	
Indoor Model			40MBCQ36---3	40MBCQ48---3
ENERGY STAR®			NO	NO
Cooling System Tons			3.0	4.0
Cooling Rated Capacity	Btu/h		36,000	48,000
Cooling Cap. Range Min - Max	Btu/h		7,500-52,200	14,300-70,000
SEER			17.60	17.00
EER			9.00	9.50
Heating Rated Capacity (47° F)	Btu/h		38,000	50,000
Heating Rated Capacity (17° F)	Btu/h		22,000	29,000
Heating Capacity (5° F)	Btu/h		32,200	37,400
Heating Cap. Range Min - Max	Btu/h		12,600-55,800	15,200-59,600
HSPF			10.6	11.0
COP (47° F)	W/W		3.01	3.10
COP (17° F)	W/W		2.49	2.50
COP (5° F)	W/W		2.41	2.45

PERFORMANCE

			40MDQ Ducted	
Indoor Model			40MBDQ36---3	40MBDQ48---3
ENERGY STAR®			NO	NO
Cooling System Tons			3.0	4.0
Cooling Rated Capacity	Btu/h		36,000	48,000
Cooling Cap. Range Min - Max	Btu/h		7,500-52,100	15,700-76,700
SEER			16.7	17.4
EER			9	9.2
Heating Rated Capacity (47° F)	Btu/h		40,000	50,000
Heating Rated Capacity (17° F)	Btu/h		27,000	29,000
Heating Capacity (5° F)	Btu/h		29,100	39,900
Heating Cap. Range Min - Max	Btu/h		11,400-50,500	20,200-63,600
HSPF			11.5	10.3
COP (47° F)	W/W		3.37	3
COP (17° F)	W/W		2.6	2.5
COP (5° F)	W/W		2.5	2.19

PERFORMANCE

40MBFQ Floor Console			
Indoor Model		40MBFQ36---3	40MBFQ48---3
ENERGY STAR®		NO	NO
Cooling System Tons		3.0	4.0
Cooling Rated Capacity	Btu/h	36,000	48,000
Cooling Cap. Range Min - Max	Btu/h	7,500~52,100	15,000~73,600
SEER		17	18
EER		8	9.3
Heating Rated Capacity (47° F)	Btu/h	38,000	50,000
Heating Rated Capacity (17° F)	Btu/h	22,000	29,000
Heating Capacity (5° F)	Btu/h	29,300	42,700
Heating Cap. Range Min - Max	Btu/h	11,400~50,000	17,400~68,000
HSPF		10.0	11.0
COP (47° F)	W/W	2.8	2.5
COP (17° F)	W/W	2.3	2.3
COP (5° F)	W/W	2.05	2.48

PERFORMANCE

40MBAA Air Handler			
Indoor Model		40MBAAQ36XA3	40MBAAQ36XA3
Outdoor Model		38MBRBQ36AA3	38MBRBQ36AA3
ENERGY STAR®		NO	NO
Cooling System Tons		3.0	4.0
Cooling Rated Capacity	Btu/h	36,000	48,000
Cooling Cap. Range Min - Max	Btu/h	7,500~52,200	14,300~70,000
SEER		16.5	16
EER		8.5	8.2
Heating Rated Capacity (47° F)	Btu/h	39,000	55,000
Heating Rated Capacity (17° F)	Btu/h	25,000	36,000
Heating Capacity (5° F)	Btu/h	25,800	31,500
Heating Cap. Range Min - Max	Btu/h	11,800~45,400	15,200~62,700
HSPF		10.4	9.5
COP (47° F)	W/W	3.2	2.60
COP (17° F)	W/W	2.45	2.30
COP (5° F)	W/W	2.3	2.08

Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice or incurring obligations.

Visit our website at BryantDuctless.com