

INFINITY® SERIES
38MPRB OUTDOOR UNIT



An Efficient Outdoor Unit for Peak Performance & Energy Savings

FEATURES OUTDOOR

- 100% Heating capacity at 0°F (-17°C) without wind baffles
- 100% Cooling capacity at -22°F (-30°C)
- Available in 208/230V
- Built-in basepan heater
- Auto-restart function
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating
- Piping length up to 164 ft (50m)
- Cooling operating range: -22° ~ 122°F (-30° ~ 50°C)
- Heating operating range: -22° ~ 75°F (-25° ~ 24°C)

COMPATIBLE WITH:

- 40MPHB High Wall



Heat Pump with Basepan Heater

- Inverter Compressor
- Up to 42.5 SEER
- Up to 15.0 HSPF
- Sizes: 09 / 12 / 18
- All systems are ENERGY STAR® certified



KEY FEATURES

Unrivalled Efficiency

With a SEER rating of up to 42.5 and a cooling operating range of -22° F to 122° F, this outdoor unit offers first-rate efficiency without compromising performance.

Virtually Silent Operation

Enjoy a more peaceful outdoor experience with a unit that's nearly silent—operating at as low as 54.0 dB(A).



High Wall



SPECIFICATIONS:

38MPRB Outdoor Unit				
Heat Pump				
System				
Size		9K	12K	18K
Outdoor Model		38MPRBQ09AA3	38MPRBQ12AA3	38MPRBQ18AA3
Electrical				
Voltage, Phase, Cycle	V-Ph-Hz	208/230-1-60	208/230-1-60	208/230-1-60
MCA	A.	16	16	25
Recommended Fuse Rating	A.	20	20	30
MOCP - Fuse Rating	A.	20	20	35
Operating Range				
Cooling Outdoor DB Min - Max	° F (° C)	-22~122 (-30~50)	-22~122 (-30~50)	-22~122 (-30~50)
Heating Outdoor DB Min - Max	° F (° C)	-22~75 (-30~24)	-22~75 (-30~24)	-22~75 (-30~24)
Piping				
Total Piping Length	ft (m)	82 (25)	82 (25)	164 (50)
Piping Lift*	ft (m)	32.8 (10)	32.8 (10)	82 (25)
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	1/4 (6.35)	3/8" (9.52)
Pipe Connection Size - Suction	in (mm)	1/2 (12.7)	1/2 (12.7)	5/8" (15.9)
Refrigerant				
Type		R410A	R410A	R410A
Charge	lbs (kg)	3.31 (1.5)	3.31 (1.5)	5.73 (2.6)
Outdoor				
Unit Width	in (mm)	35.04 (890)	35.04 (890)	37.24 (946)
Unit Height	in (mm)	26.50 (673)	26.50 (673)	31.89 (810)
Unit Depth	in (mm)	13.46 (342)	13.46 (342)	16.14 (410)
Net Weight	lbs (kg)	101.41 (46)	101.41 (46)	134.48 (61)
Airflow	CFM	1,765	1,765	2,235
Sound Pressure	dB(A)	56.5	56.5	54.0

*Condensing unit above or below indoor unit.

COMPATIBILITY:

Indoor Unit		Outdoor Unit		
		38MPRBQ09AA3	38MPRBQ12AA3	38MPRBQ18AA3
High Wall	40MPHBQ09XA3	•		
	40MPHBQ12XA3		•	
	40MPHBQ18XA3			•

High Wall				
Indoor Model		40MPHBQ09XA3	40MPHBQ12XA3	40MPHBQ18XA3
Energy Star		YES	YES	YES
Cooling System Tons		0.75	1	1.5
Cooling Rated Capacity	Btu/h	9,000	12,000	18,000
Cooling Cap. Range Min - Max	Btu/h	2,800~16,900	2,800~16,900	6,900~27,000
SEER		42.5	32.0	28.2
EER		16.0	13.8	14.5
Heating Rated Capacity (47° F)	Btu/h	12,000	12,000	20,000
Heating Rated Capacity (17° F)	Btu/h	6,900	6,900	11,000
Heating Maximum Capacity (17° F)	Btu/h	18,100	18,100	11,300
Heating Maximum Capacity (5° F)	Btu/h	13,900	13,900	25,400
Heating Cap. Range Min - Max	Btu/h	5,100~19,000	5,100~19,000	9,900~31,000
HSPF		15	14	13.7
COP (47° F)	W/W	3.84	3.84	4.30
COP (17° F)	W/W	2.89	2.89	2.80
COP (5° F)	W/W	2.00	2.00	2.00

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