

PERFORMANCE™ SERIES**38MGRB & 38MGHB OUTDOOR UNIT**

High Performance Outdoor Unit for Customizable Indoor Comfort

FEATURES

- Cost competitive
- Built-in base pan heater
- Auto-restart function
- Quiet outdoor operation, as low as 59 dB(A)
- Anti-corrosive fin coating
- Total zones range from 2 to 5 indoor heads
- Piping length 131–328 ft. (40–100 m)
- Cooling operating range -22° – 122° F (-30° – 50° C)
- Heating operating range -22° – 75° F (-30° – 24° C)

COMPATIBLE WITH:

- 40MPHB High Wall (p 22)
- 40MAHB High Wall (p 28)
- 40MHHAC & 40MHHAQ High Wall (p 48)
- 40MCCAQ One-Way Cassette (p 30)
- 40MBCQ Cassette (p 32)
- 40MBCAQ Cassette (p 34)
- 40MBDQ Ducted (p 36)
- 40MBDAQ High Static Slim Ducted (p 38)
- 40MBAB Air Handler (p 40)
- 40MBFQ Console (p 42)
- 40MBFAQ Floor Console (p 42)

Performance
SERIES

Heat Pump With Basepan Heater

Inverter Compressor

Sizes: 18 / 24HH / 30HH / 36 / 36HH / 48 / 48HH

Up to 26.0 SEER2

Up to 10.5 HSPF2

Select systems are ENERGY STAR® certified based on indoor pairings

**KEY FEATURES****Multi-Zone Compatibility**

Mix and match up to five indoor units to this outdoor unit to bring customizable comfort to multiple rooms or your whole home.

Improved Performance

With new high-heat models, plus standard heat models, experience high performance in cold climates and temps.

Quiet Operation

A sleek, unobtrusive outdoor unit that's ultra-quiet means less noise pollution and more peaceful outdoor spaces.

COMBINATIONS:

To access the Combination Charts, please see instructions on page 55.

Note: Multi-Zone units cannot heat and cool simultaneously.

PERFORMANCE™ SERIES

38MGRB & 38MGHB OUTDOOR UNIT

SPECIFICATIONS:

38MGRB & 38MGHB Outdoor Unit								
Heat Pump								
System								
Size		18R	24HH	30HH	36R	36HH	48R	48HH
Outdoor Model		38MGRBQ18BA3	38MGHBQ24CA3	38MGHBQ30DA3	38MGRBQ36DA3	38MGHBQ36DA3	38MGRBQ48EA3	38MGHBQ48EA3
Max Number of Zones		2	3	4	4	4	5	5
Operating Range								
Cooling Outdoor DB Min - Max	° F (° C)	5~122 (-15~50)	5~122 (-15~50)	5~122 (-15~50)	5~122 (-15~50)	5~122 (-15~50)	5~122 (-15~50)	5~122 (-15~50)
Heating Outdoor DB Min - Max	° F (° C)	13~75 (-30~24)	-22~75 (-30~24)	-22~75 (-30~24)	13~75 (-30~24)	-22~75 (-30~24)	13~75 (-30~24)	-22~75 (-30~24)
Piping								
Total Piping Length	ft (m)	131 (40)	197 (60)	262 (80)	262 (80)	262 (80)	328 (100)	328 (100)
Piping to furthest FCU	ft (m)	82 (25)	98 (30)	115 (35)	115 (35)	115 (35)	115 (35)	115 (35)
Drop (OD above ID)	ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	65 (20)	65 (20)	65 (20)
Lift (OD below ID)	ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	65 (20)	65 (20)	65 (20)
Pipe Connection Size - Liquid	in (mm)	1/4*2 (6.35*2)	1/4*3 (6.35*3)	1/4*4 (6.35*4)	1/4*4 (6.35*4)	1/4*4 (6.35*4)	1/4*5 (6.35*5)	1/4*5 (6.35*5)
Pipe Connection Size - Suction	in (mm)	3/8*2 (9.52*2)	3/8*3 (9.52*3)	1/2 *1+ 3/8*3 (12.7*1+9.52*3)	1/2 *1+ 3/8*3 (12.7*1+9.52*3)	1/2 *2+ 3/8*2 (12.7*2+9.52*2)	1/2 *2+ 3/8*3 (12.7*2+9.52*3)	1/2 *2+ 3/8*3 (12.7*2+9.52*3)
Refrigerant								
Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Charge	lbs (kg)	4.08 (1.85)	5.73 (2.6)	8.38 (3.8)	8.38 (3.8)	10.14 (4.6)	10.14 (4.6)	10.14 (4.6)
Electrical								
Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor unit powered from outdoor unit						
MCA	A.	18	24.5	25	25	40	40	40
Recommended Fuse Size	A.	20	25	30	30	45	45	45
MOCP - Fuse Rating	A.	25	30	40	40	60	60	60
Compressor								
Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor								
Unit Width	in (mm)	35.04 (890)	37.24 (946)	37.24 (946)	37.24 (946)	37.48 (952)	37.48 (952)	37.48 (952)
Unit Height	in (mm)	26.50 (673)	31.89 (810)	31.89 (810)	31.89 (810)	52.48 (1333)	52.48 (1333)	52.48 (1333)
Unit Depth	in (mm)	13.46 (342)	16.14 (410)	16.14 (410)	16.14 (410)	16.34 (415)	16.34 (415)	16.34 (415)
Net Weight	lbs (kg)	100.31 (45.5)	139.77 (63.4)	169.09 (76.7)	169.09 (76.7)	223.1 (101.2)	225.5 (102.3)	238.32 (108.1)
Airflow	CFM	1,765	2,129	2,147	2,147	4,500	4,500	4,500
Sound Pressure	dB(A)	59	61	63	63	64	64	65