

38MGR Outdoor Unit

Heat Pump with Basepan Heater

Inverter Compressor

Up to 23.8 SEER

Up to 10.5 HSPF

Sizes: 18 / 24 / 30 / 36 / 48

Select sizes are ENERGY STAR® certified based on indoor unit pairing

Features:

- 100% heating capacity at 5° F (-15° C)
(sizes 24-36 208/230V)
- Connect 2 ~ 5, multiple style indoor units
(Performance™ Series)
- Available in 208/230V
- Built-in basepan heater
- Quiet outdoor operation, as low as 62 dB(A)
- Aluminum Blue Hydrophilic pre-coated fins
- Total piping length 131 ~ 328 ft. (40 ~ 100 m)
- Vertical lift/drop piping length 49 ~ 65 ft. (15 ~ 20 m)
- Cooling operating range: -13° ~ 122° F (-25° ~ 50° C)
- Heating operating range: -22° ~ 86° F (-30° ~ 30° C)
- 10-year parts limited and 10-year compressor limited warranties to the original purchasing owner upon timely registration¹

Compatible with:

- 40MA*Q High Wall
- 40MB*C Cassette
- 40MB*D Ducted
- 40MB*F Floor Console

¹ If properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of 10 years. Otherwise, parts warranty is 5 years. For other applications a 7-year parts and 7-year compressor limited warranties apply. See warranty certificate for details.

Carrier
turn to the experts™



The 38MGR Multi-Zone has high heat capability designed to deliver year-round comfort, especially on the days that you need comfort the most. This system can provide cooling for those hot summer days and warmth the rest of the year, even when temperature dips down to 5° F at full heating capacity (with the right size and system combination).

As a multi-zone, you can use up to five multiple style indoor units supported by just this one efficient, outdoor unit featuring an Inverter compressor. For quiet comfort in a multi-space application, it can't be beat.

Performance
SERIES

HEAT PUMP

Size		18	24	30	36	48
System	Outdoor Model	38MGRQ18B--3	38MGRQ24C--3	38MGRQ30D--3	38MGRQ36D--3	38MGRQ48E--3
	Max Number of Zones	2	3	4	4	5
Performance Non-Ducted	ENERGY STAR®	YES	YES	YES	YES	YES
	Cooling System Tons	1.5	2.0	2.5	3.0	4.0
	Cooling Rated Capacity	Btu/h 18,000	24,000	30,000	36,000	48,000
	Cooling Cap. Range Min - Max	Btu/h 5,810~21,940	7,880~33,510	8,090~41,470	8,560~45,020	8,560~53,160
	SEER	22.5	23.0	23.8	21.5	22.4
	EER	12.5	12.5	12.5	13.5	12.5
	Heating Rated Capacity (47° F)	Btu/h 19,000	23,000	28,000	36,000	48,000
	Heating Maximum Capacity (5° F)	Btu/h 13,900	23,000	28,000	36,000	36,000
	Heating Maximum Capacity (-13° F)	Btu/h 6,540	17,590	20,650	27,690	28,050
	Heating Cap. Range Min - Max	Btu/h 5,760~24,480	6,010~36,180	6,350~41,950	7,210~50,350	7,210~55,820
	HSPF	10.3	9.8	10.0	10.5	10.2
	COP (47° F)	W/W 3.6	3.9	3.8	3.8	3.6
COP (5° F)	W/W 2.2	2.1	2.0	1.8	2.0	
Performance Combination Ducted and Non-Ducted	ENERGY STAR®	NO	YES	NO	NO	NO
	Cooling System Tons	1.5	1.9	2.4	3.0	4.0
	Cooling Rated Capacity	Btu/h 18,000	23,000	29,000	35,500	48,000
	Cooling Cap. Range Min - Max	Btu/h 5,795~20,708	7,765~31,955	8,060~39,990	8,510~42,635	8,510~52,580
	SEER	20.45	21.0	21.65	19.25	20.0
	EER	12.15	12.5	12.0	12.15	11.3
	Heating Rated Capacity (47° F)	Btu/h 18,750	22,000	28,000	36,000	49,000
	Heating Maximum Capacity (5° F)	Btu/h 14,150	22,000	28,000	35,500	36,400
	Heating Maximum Capacity (-13° F)	Btu/h 6,350	17,480	20,520	27,245	27,600
	Heating Cap. Range Min - Max	Btu/h 5,650~24,365	5,980~36,190	6,275~42,305	7,045~47,800	7,045~54,935
	HSPF	9.9	9.3	9.5	9.9	10.2
	COP (47° F)	W/W 3.7	3.9	3.7	3.7	3.5
COP (5° F)	W/W 2.1	2.0	2.0	1.8	1.9	
Performance Ducted	ENERGY STAR®	NO	YES	NO	NO	NO
	Cooling System Tons	1.5	1.8	2.3	2.9	4.0
	Cooling Rated Capacity	Btu/h 18,000	22,000	28,000	35,000	48,000
	Cooling Cap. Range Min - Max	Btu/h 5,780~19,476	7,650~30,400	8,030~38,510	8,460~40,250	8,460~52,000
	SEER	18.4	19.0	19.5	17.0	17.6
	EER	11.8	12.5	11.5	10.8	10.1
	Heating Rated Capacity (47° F)	Btu/h 18,500	21,000	28,000	36,000	50,000
	Heating Maximum Capacity (5° F)	Btu/h 14,400	21,000	28,000	35,000	36,800
	Heating Maximum Capacity (-13° F)	Btu/h 6,160	17,370	20,390	26,800	27,180
	Heating Cap. Range Min - Max	Btu/h 5,539~24,249	5,950~36,200	6,200~42,660	6,880~45,250	6,880~54,050
	HSPF	9.4	8.8	9.0	9.2	10.1
	COP (47° F)	W/W 3.8	3.8	3.6	3.6	3.4
COP (5° F)	W/W 2.1	2.0	2.0	1.7	1.8	
Operating Range	Cooling Outdoor DB Min - Max	° F (° C) -13~-122 (-25~-50)	-13~-122 (-25~-50)	-13~-122 (-25~-50)	-13~-122 (-25~-50)	-13~-122 (-25~-50)
	Heating Outdoor DB Min - Max	° F (° C) -22~-86 (-30~-30)	-22~-86 (-30~-30)	-22~-86 (-30~-30)	-22~-86 (-30~-30)	-22~-86 (-30~-30)
Piping	Total Piping Length	ft (m) 131 (40)	197 (60)	263 (80)	328 (100)	328 (100)
	Piping to furthest FCU	ft (m) 82 (25)	98 (30)	115 (35)	115 (35)	115 (35)
	Drop (Outdoor above Indoor)	ft (m) 49 (15)	49 (15)	49 (15)	65 (20)	65 (20)
	Lift (Outdoor below Indoor)	ft (m) 49 (15)	49 (15)	49 (15)	65 (20)	65 (20)
	Pipe Connection Size - Liquid	in (mm) ½ x 2 (6.35 x 2)	½ x 3 (6.35 x 3)	½ x 4 (6.35 x 4)	½ x 4 (6.35 x 4)	½ x 5 (6.35 x 5)
	Pipe Connection Size - Suction	in (mm) ¾ x 2 (9.52 x 2)	¾ x 3 (9.52 x 3)	½ x 1 + ¾ x 3 (12.7 x 1 + 9.52 x 3)	½ x 1 + ¾ x 3 (12.7 x 1 + 9.52 x 3)	½ x 2 + ¾ x 3 (12.7 x 2 + 9.52 x 3)
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
	Power Supply	Indoor unit powered from outdoor unit				
	MCA	A. 18	25	30	35	35
MOCP - Fuse Rating	A. 25	35	45	50	50	
Outdoor	Unit Width	in (mm) 37.31 (948)	41.22 (1047)	41.22 (1047)	41.15 (1045)	41.15 (1045)
	Unit Height	in (mm) 27.64 (702)	31.88 (810)	31.88 (810)	52.48 (1333)	52.48 (1333)
	Unit Depth	in (mm) 14.82 (376)	17.91 (455)	17.91 (455)	17.63 (448)	17.63 (448)
	Net Weight	lbs (kg) 105.8 (48)	149.9 (68)	156.5 (71)	221.6 (100.5)	223.8 (101.5)
	Airflow	CFM 1,390	2,130	2,130	4,500	4,500
	Sound Pressure	dB(A) 62	63	62	64	64

		Compatibility				
		Outdoor Unit				
Indoor Unit ¹		38MGRQ18B--3	38MGRQ24C--3	38MGRQ30D--3	38MGRQ36D--3	38MGRQ48E--3
40MAQ High Wall	40MAQB09B--3	•	•	•	•	•
	40MAQB12B--3	•	•	•	•	•
	40MAQB18B--3		•	•	•	•
	40MAQB24B--3			•	•	•
40MB*C Cassette	40MBQB09C--3	•	•	•	•	•
	40MBQB12C--3	•	•	•	•	•
	40MBQB18C--3		•	•	•	•
40MB*D Ducted	40MBQB09D--3	•	•	•	•	•
	40MBQB12D--3	•	•	•	•	•
	40MBQB18D--3		•	•	•	•
	40MBQB24D--3			•	•	•
40MB*F Floor Console	40MBQB09F--3	•	•	•	•	•
	40MBQB12F--3	•	•	•	•	•

¹For Indoor Unit performance information, please reference the Carrier Ductless Full Line Catalog

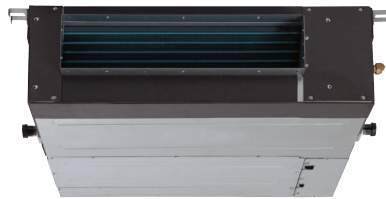
THE 38MGR OUTDOOR UNIT MULTI-ZONE IS COMPATIBLE WITH VARIOUS STYLES OF INDOOR UNITS, WHICH CAN BE SELECTED BASED ON THE APPLICATION.



40MA*Q High Wall



40MB*C Cassette



40MB*D Ducted



40MB*F Floor Console

For Indoor Unit performance information,
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Visit our website at CarrierDuctless.com

7310 West Morris Street, Indianapolis, IN 46231