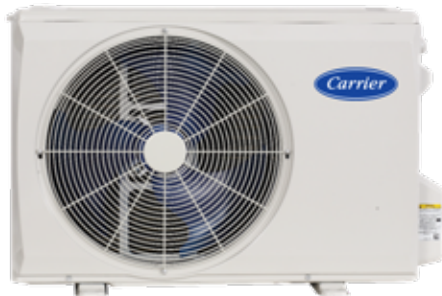


COMFORT™ SERIES
38MHRC OUTDOOR UNIT



Comfort™ Heat Pump

FEATURES

- Cost competitive
- Factory installed basepan heater
- Factory installed crankcase heater
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating

COMPATIBLE WITH:

- 40MHHC High Wall Cooling only
- 40MHHQ High Wall Heat Pump

Comfort™
S E R I E S

Cooling Only - 38MHRCC

Heat Pump - 38MHRCQ With Basepan Heater

Sizes: 09 / 12 / 18 / 24 (208-230V); Size 12 (115V)

Up to 19.8 SEER

Up to 11.2 HSPF

KEY FEATURES

Easy Maintenance

Simple and fast installation and maintenance means less system downtime and costs.

Small Physical Size

With an optimized cabinet design and small footprint, the unit is unobtrusive and quiet.



High Wall



SPECIFICATIONS:

38MHRCQ Outdoor Unit						
Heat Pump						
System						
Size		12	9	12	18	24
Outdoor Model		38MHRCQ12AA1	38MHRCQ09AA3	38MHRCQ12AA3	38MHRCQ18AA3	38MHRCQ24AA3
Electrical						
Voltage-Phase-Cycle	V-Ph-Hz	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
MCA	A.	18.5	12	15	15	19
MOCP - Fuse Rating	A.	25	15	15	20	30
Operating Range						
Cooling Outdoor DB Min - Max	° F (° C)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)
Cooling Outdoor DB Min - Max	° F (° C)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)
Piping						
Total Piping Length	ft (m)	82 (25)	82 (25)	82 (25)	98 (30)	164 (50)
Piping Lift*	ft (m)	32 (10)	32 (10)	32 (10)	65 (20)	82 (25)
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
Refrigerant						
Type		R410A	R410A	R410A	R410A	R410A
Charge	lbs (kg)	1.79 (0.81)	1.59 (0.72)	1.79 (0.81)	2.98 (1.35)	3.92 (1.78)
Compressor						
Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor						
Unit Width	in (mm)	30.12 (765)	30.12 (765)	30.12 (765)	31.69 (805)	35.04 (890)
Unit Height	in (mm)	21.85 (555)	21.85 (555)	21.85 (555)	21.81 (554)	26.50 (673)
Unit Depth	in (mm)	11.93 (303)	11.93 (303)	11.93 (303)	12.99 (330)	13.46 (342)
Net Weight	lbs (kg)	62.17 (28.2)	55.11 (25.0)	59.30 (26.9)	73.85 (33.5)	97.88 (44.4)
Airflow	CFM	1,235	1,294	1,235	1,235	1,765
Sound Pressure	dB(A)	53.5	55.0	55.5	55.0	59.5

*Condensing unit above or below indoor units.

COMPATIBILITY:

Indoor Unit		Outdoor Unit				
		38MHRCQ12AA1	38MHRCQ09AA3	38MHRCQ12AA3	38MHRCQ18AA3	38MHRCQ24AA3
40MHHQ High Wall	40MHHQ12---1	•				
	40MHHQ09---3		•			
	40MHHQ12---3			•		
	40MHHQ18---3				•	
	40MHHQ24---3					•

COMFORT™ SERIES

38MHRC OUTDOOR UNIT

PERFORMANCE:

40MHHQ High Wall					
Heat Pump					
Indoor Unit		40MHHQ12---1	40MHHQ09---3	40MHHQ12---3	40MHHQ18---3
ENERGY STAR®		NO	NO	NO	NO
Cooling System Tons		1.0	0.8	1.0	1.5
Cooling Rated Capacity	Btu/h	12,000	9,000	12,000	18,000
Cooling Cap. Range Min - Max	Btu/h	4,500~12,100	2,650~9,500	3,300~13,000	3,760~19,900
SEER		19.8	18.5	19.8	19.0
EER		9.9	11.2	10.2	11.2
Heating Rated Capacity (47° F)	Btu/h	12,000	10,000	12,000	18,000
Heating Rated Capacity (17° F)	Btu/h	7,000	5,800	7,000	11,900
Heating Maximum Capacity (5° F)	Btu/h	7,000	6,500	8,000	10,000
Heating Cap. Range Min - Max	Btu/h	5,500~12,000	2,600~10,500	3,810~13,490	6,400~19,000
HSPF		10.8	10	10	11
COP (47° F)	W/W	3.00	3.30	3.11	3.20
COP (17° F)	W/W	2.35	2.25	2.50	2.72
COP (5° F)	W/W	1.60	1.75	1.75	2.00

PERFORMANCE:

40MHHC High Wall				
Cooling Only				
Indoor Unit		40MHHC12--A1	40MHHC12--A3	40MHHC18---3
ENERGY STAR®		NO	NO	NO
Cooling System Tons		1.0	1.0	1.4
Cooling Rated Capacity	Btu/h	11,500	11,500	17,000
Cooling Cap. Range Min - Max	Btu/h	3,200~12,800	3,200~12,900	4,500~18,000
SEER		20.5	20.5	19.0
EER		11.2	11.2	10.9

An economical choice that can
provide comfort when you need it.



SPECIFICATIONS:

38MHRCC Outdoor Unit					
Cooling Only					
System					
Size		12	12	18	24
Outdoor Model		38MHRCC12AA1	38MHRCC12AA3	38MHRCC18AA3	38MHRCC24AA3
Electrical					
Voltage-Phase-Cycle	V-Ph-Hz	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60
MCA	A.	19	9	19	19
MOCP - Fuse Rating	A.	30	15	30	30
Operating Range					
Cooling Outdoor DB Min - Max	° F (° C)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)
Piping					
Total Piping Length	ft (m)	82 (25)	82 (25)	98 (30)	164 (50)
Piping Lift*	ft (m)	33 (10)	33 (10)	66 (20)	66 (20)
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	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)	1/2 (12.7)	5/8 (16)
Refrigerant					
Type		R410A	R410A	R410A	R410A
Charge	lbs (kg)	1.43 (0.65)	1.43 (0.65)	1.98 (0.90)	3.92 (1.78)
Compressor					
Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor					
Unit Width	in (mm)	28.35 (720)	28.35 (720)	30.12 (765)	35.04 (890)
Unit Height	in (mm)	19.49 (495)	19.49 (495)	21.85 (555)	26.50 (673)
Unit Depth	in (mm)	10.63 (270)	10.63 (270)	11.93 (303)	13.46 (342)
Net Weight	lbs (kg)	51.15 (23.2)	48.72 (22.1)	61.51 (27.9)	97.88 (44.4)
Airflow	CFM	1,059	1,059	1,235	1,765
Sound Pressure	dB(A)	52.0	52.5	55.5	59.5

*Condensing unit above or below indoor units.

COMPATIBILITY:

Indoor Unit		Outdoor Unit			
		38MHRCC12AA1	38MHRCC12AA3	38MHRCC18AA3	38MHRCC24AA3
40MHHC High Wall	40MHHC12--A1	•			
	40MHHC12--A3		•		
	40MHHC18---3			•	
	40MHHC24---3				•

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