

Outdoor Unit Single Zone Heat Pump System

38MURAQ



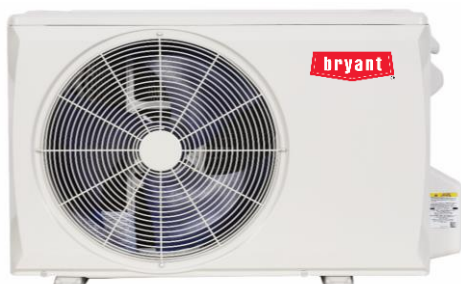
Job Data:

Location:

Carrier #:

Tag #:

Date:



NOTE: Images for illustration purposes only. Actual models may be slightly different.

Outdoor Model #	Size
38MURAQ18AA3	1.5T
38MURAQ18AB3	1.5T - HH
38MURAQ24AA3	2T
38MURAQ24AB3	2T - HH
38MURAQ30AA3	2.5T
38MURAQ30AB3	2.5T - HH
38MURAQ36AA3	3T
38MURAQ36AB3	3T - HH
38MURAQ48AA3	4T
38MURAQ48AB3	4T - HH
38MURAQ60AA3	5T
38MURAQ60AB3	5T - HH

STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- 24V Interface Pre-Installed
- Traditional Unitary Line Set Sizes
- Standard Heat and High Heat Options
- Auto-Restart function
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- *For residential applications.
- See warranty for full details.

Specifications

Outdoor - Heat Pump (Standard Heat)							
System	Outdoor Size						
Electrical	Voltage, Phase, Cycle	V/Ph/Hz					
	MCA	A.					
	Recommended Fuse Size	A.					
	MOPA - Fuse Rating	A.					
Operating Range	Short Circuit Current Rating (SCCR)	kA					
	Cooling Outdoor DB Min - Max	*F(*C)					
	Heating Outdoor DB Min - Max	*F(*C)					
	Total Piping Length	ft (m)					
Piping	Piping Lift	ft (m)					
	Pipe Connection Size - Liquid	in (mm)					
	Pipe Connection Size - Suction	in (mm)					
	Refrigerant Type						
Refrigerant	Charge	lbs (kg)					
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)					
	Metering Device						
	Face Area	Sq. Ft.					
Outdoor Coil	No. Rows						
	Fins per inch						
	Circuits						
	Type						
Compressor	Model						
	Oil Type						
	Oil Charge	Fl. Oz.					
	Rated Current	RLA					
Airflow & Sound	Airflow	CFM					
	Sound Pressure	dB(A)					

* Condensing unit above or below indoor unit

Outdoor - Heat Pump (High Heat)							
System	Outdoor Size						5T - HH
Electrical	Voltage, Phase, Cycle	V/Ph/Hz					208/230-1-60
	MCA	A.					42
	Recommended Fuse Size	A.					45
	MOCP - Fuse Rating	A.					60
Operating Range	Short Circuit Current Rating (SCCR)	kA					2.4
	Cooling Outdoor DB Min - Max	*F(*C)					5-130 (-15-55)
	Heating Outdoor DB Min - Max	*F(*C)					-22-86 (-30-30)
	Total Piping Length	ft (m)					213 (65)
Piping	Piping Lift	ft (m)					98 (30)
	Pipe Connection Size - Liquid	in (mm)					3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)					7/8 (22)
	Refrigerant Type						R410A
Refrigerant	Charge	lbs (kg)					10.58 (4.8)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)					0.69 (65)
	Metering Device						EEV
	Face Area	Sq. Ft.					13.29
Outdoor Coil	No. Rows						2.6
	Fins per inch						20
	Circuits						10
	Type						Rotary Inverter
Compressor	Model						EAPQ440D1UMUA
	Oil Type						VG75
	Oil Charge	Fl. Oz.					43.96
	Rated Current	RLA					28
Airflow & Sound	Airflow	CFM					4,500
	Sound Pressure	dB(A)					64

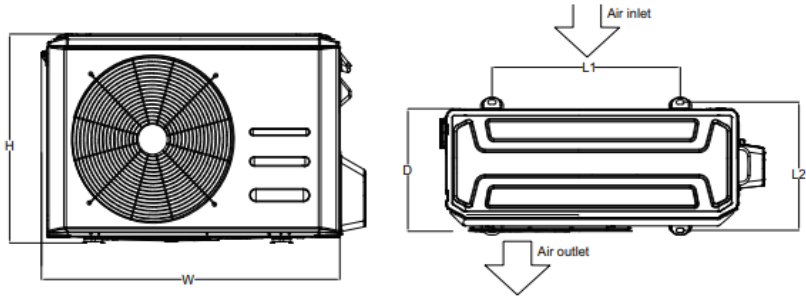
* Condensing unit above or below indoor unit

Performance

Performance - Heat Pump (Standard Heat)							
Outdoor Size		1.5T	2T	2.5T	3T	4T	5T
M Ratings							
Indoor Model							
Energy Star							
Cooling Rated Capacity	Btu/h						
Cooling Cap. Range Min - Max	Btu/h						
SEER							
EER							
Heating Rated Capacity (47°F)	Btu/h						
Heating Rated Capacity (17°F)	Btu/h						
Heating Rated Capacity (5°F)	Btu/h						
Heating Cap. Range Min - Max	Btu/h						
HSPF							
COP (47°F)	W/W						
COP (17°F)	W/W						
COP (5°F)	W/W						
M1 Ratings							
Cooling Rated Capacity	Btu/h						
Cooling Cap. Range Min - Max	Btu/h						
SEER2							
EER2							
Heating Rated Capacity (47°F)	Btu/h						
Heating Rated Capacity (17°F)	Btu/h						
Heating Rated Capacity (5°F)	Btu/h						
Heating Cap. Range Min - Max	Btu/h						
HSPF2							
COP (47°F)	W/W						
COP (17°F)	W/W						
COP (5°F)	W/W						
Performance - Heat Pump (High Heat)							
Outdoor Size		1.5T - HH	2T - HH	2.5T - HH	3T - HH	4T - HH	5T - HH
M Ratings							
Indoor Model							60K
Energy Star							NO
Cooling Rated Capacity	Btu/h						55,000
Cooling Cap. Range Min - Max	Btu/h						18000-56000
SEER							16.4
EER							9
Heating Rated Capacity (47°F)	Btu/h						59,000
Heating Rated Capacity (17°F)	Btu/h						42,000
Heating Rated Capacity (5°F)	Btu/h						50,000
Heating Cap. Range Min - Max	Btu/h						20000-68000
HSPF							10.5
COP (47°F)	W/W						3.50
COP (17°F)	W/W						2.60
COP (5°F)	W/W						1.96
M1 Ratings							
Cooling Rated Capacity	Btu/h						55,000
Cooling Cap. Range Min - Max	Btu/h						18000-56000
SEER2							15.0
EER2							8.5
Heating Rated Capacity (47°F)	Btu/h						59,000
Heating Rated Capacity (17°F)	Btu/h						42,000
Heating Rated Capacity (5°F)	Btu/h						50,000
Heating Cap. Range Min - Max	Btu/h						20000-68000
HSPF2							9.0
COP (47°F)	W/W						3.00
COP (17°F)	W/W						2.60
COP (5°F)	W/W						1.96

Air Handler

Dimensions



Sizes 3T - HH and above are dual fan models.
Refer to Product Data for detailed dimensional drawings.

Size							
Width (W)	in (mm)						
Height (H)	in (mm)						
Depth (D)	in (mm)						
L1	in (mm)						
L2	in (mm)						
Operating Weight	lbs (kg)						
Shipping Width	in (mm)						
Shipping Height	in (mm)						
Shipping Depth	in (mm)						
Shipping Weight	lbs (kg)						
Size							5T - HH
Width (W)	in (mm)						37.48 (952)
Height (H)	in (mm)						52.48 (1333)
Depth (D)	in (mm)						16.34 (415)
L1	in (mm)						25 (634)
L2	in (mm)						15.9 (404)
Operating Weight	lbs (kg)						239.86 (108.8)
Shipping Width	in (mm)						43.11 (1095)
Shipping Height	in (mm)						58.27 (1480)
Shipping Depth	in (mm)						19.49 (495)
Shipping Weight	lbs (kg)						271.61 (123.2)

