

SUBMITTAL DATA

MUL24HPJ132OA
24000 BTU/H Multi Zone+ Heat Pump System

Job Name

Purchaser

Submmited to

Unit Designation

Location

Date

Engineer

For

Schedule No.



GENERAL FEATURES

- AHRI Certificate: [215424769 \(Non-Ducted\)](#) • Multi-point Diagnostics
- [215424774 \(Ducted\)](#) • Wi-Fi Included (Factory Installed)
- [215424779 \(Mixed\)](#) • Low Ambient Cooling down to -22°F (Range -22°F to 118°F)
- High Efficiency DC Inverter Technology • Low Ambient Heating down to -22°F (Range -22°F to 75°F)
- Compact and Quiet Design • Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Auto Restart on Power Outages • Blue Colored Fin - 500 Hrs Salt Spray Tested

MULTI-ZONE COMPATIBILITY CHART

WALL MOUNT OPTIONS

	MULTI ZONE				
	MUL18HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA	MUL36HPJ132OA	MUL42HPJ132OA
BRISA					
System Model no.					
BRS09HPJ132IA	•	•	•	•	•
BRS12HPJ132IA	•	•	•	•	•
BRS18HPJ132IA		•	•	•	•
BRS24HPJ132IA			•	•	•
BRS30HPJ132IA					
BRS36HPJ132IA					
KULA					
System Model no.					
KUL09HPJ132IA	•	•	•	•	•
KUL12HPJ132IA	•	•	•	•	•
KUL18HPJ132IA		•	•	•	•
KUL24HPJ132IA			•	•	•

ADDITIONAL INDOOR UNIT OPTIONS

	MULTI ZONE				
	MUL18HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA	MUL36HPJ132OA	MUL42HPJ132OA
ONE WAY CASSETTE					
System Model no.					
OWC09HPJ132IA	•	•	•	•	•
OWC12HPJ132IA	•	•	•	•	•
OWC18HPJ132IA		•	•	•	•
OWC20HPJ132IA			•	•	•
CEILING CASSETTE					
System Model no.					
CAS09HPJ132IA	•	•	•	•	•
CAS12HPJ132IA	•	•	•	•	•
CAS18HPJ132IA		•	•	•	•
CAS24HPJ132IA			•	•	•
SLIM DUCT					
System Model no.					
DUC09HPJ132IA	•	•	•	•	•
DUC12HPJ132IA	•	•	•	•	•
DUC18HPJ132IA		•	•	•	•
DUC24HPJ132IA			•	•	•
FLOOR / CEILING					
System Model no.					
FLR09HPJ132IA	•	•	•	•	•
FLR12HPJ132IA	•	•	•	•	•
FLR18HPJ132IA		•	•	•	•
FLR24HPJ132IA			•	•	•
MINI-CONSOLE					
System Model no.					
CON09HPJ132IA	•	•	•	•	•
CON12HPJ132IA	•	•	•	•	•
CON18HPJ132IA		•	•	•	•

NOTE: R32 Indoor units are only compatible with R32 Outdoor units. Keep in mind, line set is always sized by the indoor unit valve diameter.

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SYSTEM TYPE			HEAT PUMP	REFRIGERANT PIPING		
Outdoor Model			MUL24HPJ132OA	Refrigerant Charge - R32	oz	59.98
Number of Zones			2 - 3	Cmpressor Type		G-20 / Double Cylinder / 1 - STAGE INVERTER
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)				Additional Charge	oz/ft	0.2
Cooling Capacity	Min - Max	Btu/h	6,292 - 28,772	Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8
	Capacity @95°F	Btu/h	24,000		Port B (in)	1/4 - 3/8
Heating Capacity	Min - Max	Btu/h	8,704 - 26,400		Port C (in)	1/4 - 3/8
	Capacity @47°F	Btu/h	24,000		Port D (in)	
	Capacity @17°F	Btu/h	23,600		Port E (in)	
	Capacity Max @5°F	Btu/h	21,600	Pre-Charge Length	ft	98
SEER2			21	Pipe Length (Min - Max)	ft	10 - 197
EER2			13.3	Pipe Length to furthest Indoor Unit	ft	66
HSPF2			10.0	Max. Pipe Elevation	ft	49
COP @5°F			2.0	ELECTRICAL		
SYSTEM PERFORMANCE (Ducted Indoor Units)				Power Supply		208-230V / 1Ph / 60Hz
Cooling Capacity	Min - Max	Btu/h	6,292 - 28,772	Voltage Range (Min - Max)	VAC	187 - 253
	Capacity @95°F	Btu/h	24,000	Rated Current - Cooling	A	14
Heating Capacity	Min - Max	Btu/h	8,704 - 26,400	Rated Current - Heating	A	14.8
	Capacity @47°F	Btu/h	24,000	MCA	A	19.5
	Capacity @17°F	Btu/h	22,000	MOCP	A	25
	Capacity Max @5°F	Btu/h	21,600	Suggested Breaker Size	A	20
SEER2			18.0	Main Power Wire Size	AWG	Per Local Code
EER2			12.0	Interconnecting Wire Size	AWG	14 / 4
HSPF2			8.1	FEATURES & FUNCTIONS SUMMARY		
COP @5°F			1.86	Inverter Type	G20	
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)				Ultra Low Frequency Torque Control	Yes	
Cooling Capacity	Min - Max	Btu/h	6,292 - 28,772	Compressor Type - Inverter	Yes	
	Capacity @95°F	Btu/h	24,000	Basepan With Electric Heater	High Efficiency Rotary	
Heating Capacity	Min - Max	Btu/h	8,704 - 26,400	Indoor & Outdoor Fin Coating (Blue Fin)	Yes	
	Capacity @47°F	Btu/h	24,000	Intelligent Defrosting	Yes	
	Capacity @17°F	Btu/h	23,000	Intelligent Preheating	Yes	
	Capacity Max @5°F	Btu/h	21,600	Low Voltage Startup	Yes	
SEER2			19.0	Memory/Power Failure Recovery	Yes	
EER2			12.2	Self Diagnosis	Yes	
HSPF2			9.0			
COP @5°F			1.80			
OUTDOOR UNIT			MUL24HPJ132OA			
Cooling Temperature Range		°F	-22 - 118			
Heating Temperature Range		°F	-22 - 75			
Refrigerant Type			R32			
Cmpressor Type			G-20 / Double Cylinder / 1 - STAGE INVERTER			
Sound Pressure Level		dB(A)	58			
External Dimensions (W x H x D)		in	37-61/64 x 25-63/64 x 15-53/64			
Package Dimension (W x H x D)		in	40-5/8 x 29-1/64 x 17-61/64			
Net Weight		lbs	112.5			
Gross Weight		lbs	122.4			

ALLOWABLE COMBINATIONS CAPACITIES

MODEL NUMBER	POSSIBLE COMBINATIONS*	COOLING CAPACITY (Btu/h)					HEATING CAPACITY (Btu/h)				
		ZONE1	ZONE2	ZONE3	ZONE4	ZONE5	ZONE1	ZONE2	ZONE3	ZONE4	ZONE5
MUL24HPJ132OA	5K + 7K	5.000	7.000				6.000	8.000			
MUL24HPJ132OA	7K + 7K	7.000	7.000				8.000	8.000			
MUL24HPJ132OA	5K + 5K + 5K	5.000	5.000	5.000			6.000	6.000	6.000		
MUL24HPJ132OA	7K + 7K + 7K	7.000	7.000	7.000			8.000	8.000	8.000		
MUL24HPJ132OA	5K + 5K + 7K	5.000	5.000	6.000			6.000	6.000	8.000		
MUL24HPJ132OA	5K + 7K + 7K	5.000	7.000	7.000			6.000	8.000	8.000		
MUL24HPJ132OA	9K + 9K	9.000	9.000				9.500	9.500			
MUL24HPJ132OA	9K + 12K	9.000	12.000				9.429	12.571			
MUL24HPJ132OA	9K + 18K	7.733	15.467				8.000	16.000			
MUL24HPJ132OA	12K + 12K	11.600	11.600				12.000	12.000			
MUL24HPJ132OA	12K + 18K	9.280	13.920				9.600	14.400			
MUL24HPJ132OA	18K + 18K	11.600	11.600				12.000	12.000			
MUL24HPJ132OA	9K + 9K + 9K	7.733	7.733	7.733			8.000	8.000	8.000		
MUL24HPJ132OA	9K + 9K + 12K	6.960	6.960	9.280			7.200	7.200	9.600		
MUL24HPJ132OA	9K + 9K + 18K	5.800	5.800	11.600			6.000	6.000	12.000		
MUL24HPJ132OA	9K + 12K + 12K	6.327	8.436	8.436			6.545	8.727	8.727		
MUL24HPJ132OA	12K + 12K + 12K	7.733	7.733	7.733			8.000	8.000	8.000		

Outdoor Unit & Possible Indoor Unit Combinations with AHRI Certified Performance

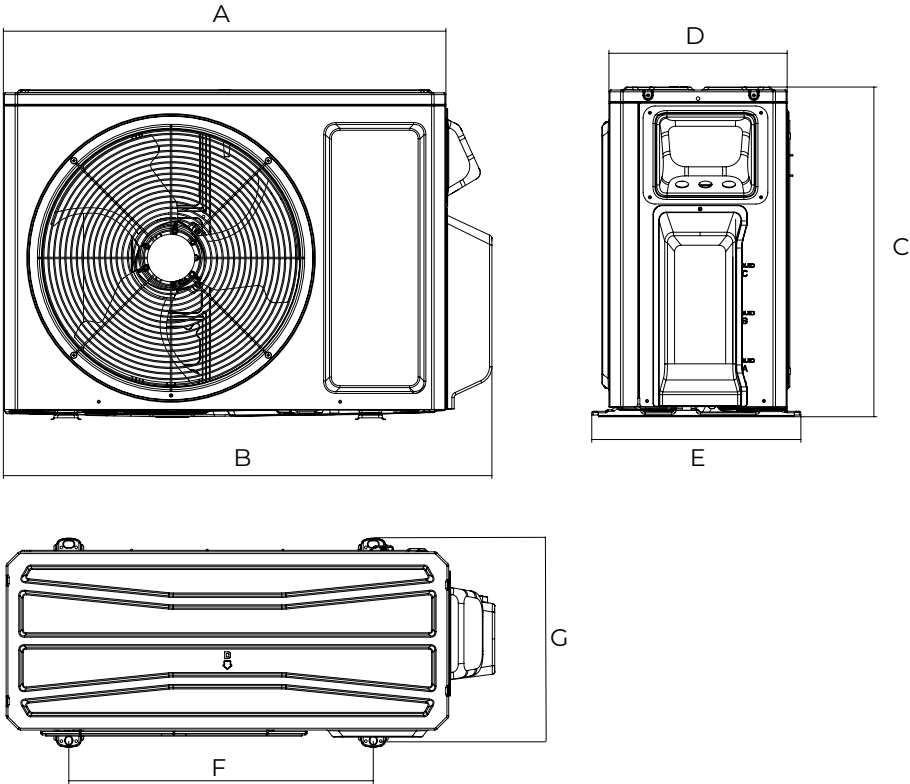
*You may substitute the 9K unit with a 5K or 7K High Wall unit, find complete capacity information in the extended ratings chart.

DIMENSIONS

OUTDOOR UNIT

Unit: inch

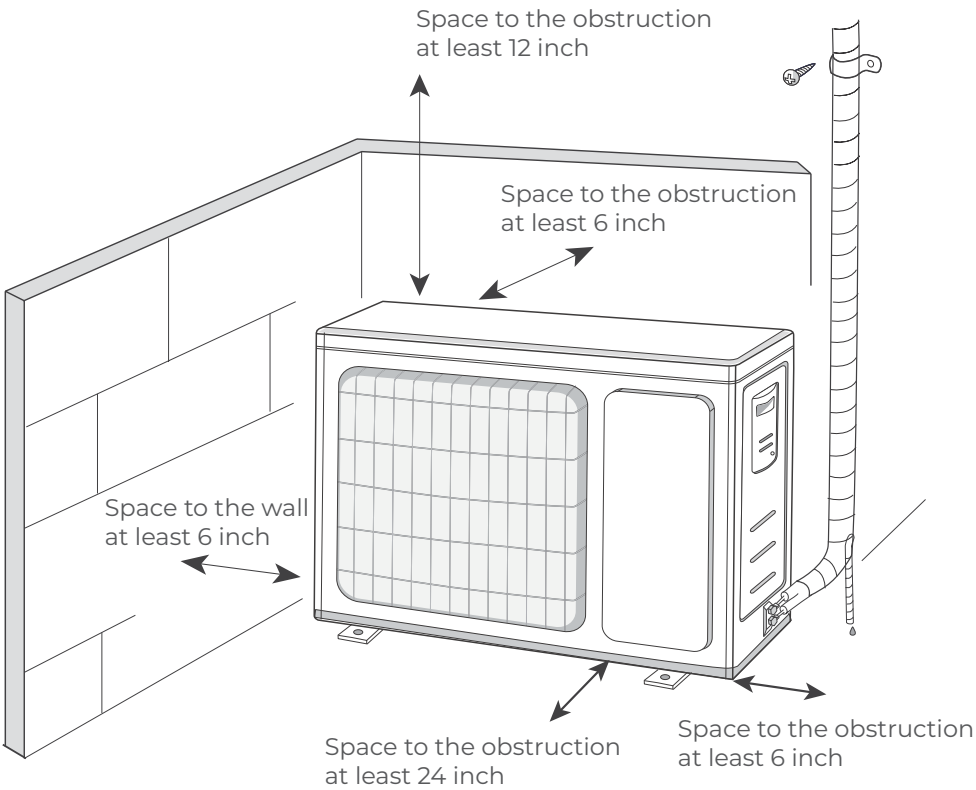
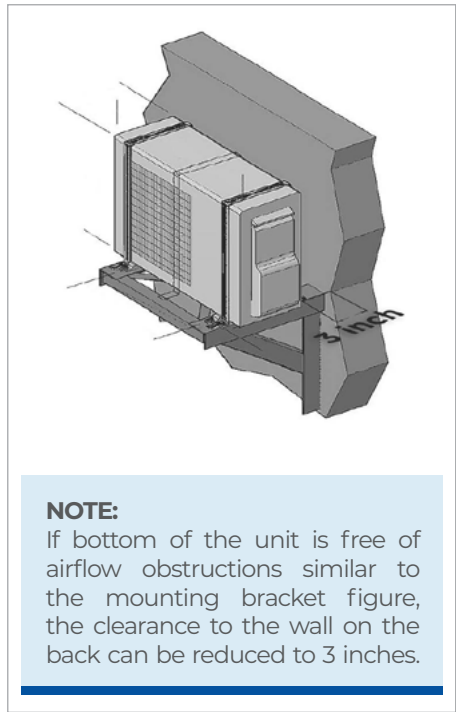
MUL24HPJ1320A	
DIMENSIONS	
A	35
B	38
C	26
D	13-25/64
E	15-7/8
F	22-7/16
G	14-39/64



CLEARANCES

OUTDOOR UNIT

Minimum clearance



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