

SUBMITTAL DATA

MUL30HPJ132OA
30000 BTU/H Multi Zone+ Heat Pump System

Job Name

Purchaser

Submitted to

Unit Designation

Location

Date

Engineer

For

Schedule No.



GENERAL FEATURES

- AHRI Certificate: [215424770 \(Non-Ducted\)](#)
- [215424775 \(Ducted\)](#)
- [215424780 \(Mixed\)](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto Restart on Power Outages
- Multi-point Diagnostics
- Wi-Fi Included (Factory Installed)
- Low Ambient Cooling down to -22°F (Range -22°F to 118°F)
- Low Ambient Heating down to -22°F (Range -22°F to 75°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- 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			MUL30HPJ132OA	Refrigerant Charge - R32	oz	77.62
Number of Zones			2 - 4	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	7,198 - 32,915	Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8
	Capacity @95°F	Btu/h	28,400		Port B (in)	1/4 - 3/8
Heating Capacity	Min - Max	Btu/h	11,305 - 33,000		Port C (in)	1/4 - 3/8
	Capacity @47°F	Btu/h	30,000		Port D (in)	1/4 - 3/8
	Capacity @17°F	Btu/h	28,000		Port E (in)	
Capacity Max @5°F	Btu/h	27,000	Pre-Charge Length	ft	131	
SEER2			21	Pipe Length (Min - Max)	ft	10 - 263
EER2			13.6	Pipe Length to furthest Indoor Unit	ft	82
HSPF2			10.0	Max. Pipe Elevation	ft	82
COP @5°F			2.07	ELECTRICAL		
SYSTEM PERFORMANCE (Ducted Indoor Units)				Power Supply		208-230V / 1Ph / 60Hz
Cooling Capacity	Min - Max	Btu/h	7,198 - 32,915	Voltage Range (Min - Max)	VAC	187 - 253
	Capacity @95°F	Btu/h	28,400	Rated Current - Cooling	A	20
Heating Capacity	Min - Max	Btu/h	11,305 - 33,000	Rated Current - Heating	A	21.7
	Capacity @47°F	Btu/h	30,000	MCA	A	23
	Capacity @17°F	Btu/h	27,200	MOCP	A	35
	Capacity Max @5°F	Btu/h	26,000	Suggested Breaker Size	A	25
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			1.88	Inverter Type	G20	
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)				Ultra Low Frequency Torque Control	Yes	
Cooling Capacity	Min - Max	Btu/h	7,198 - 32,915	Compressor Type - Inverter	Yes	
	Capacity @95°F	Btu/h	28,400	Basepan With Electric Heater	High Efficiency Rotary	
Heating Capacity	Min - Max	Btu/h	11,305 - 33,000	Indoor & Outdoor Fin Coat-ing (Blue Fin)	Yes	
	Capacity @47°F	Btu/h	30,000	Intelligent Defrosting	Yes	
	Capacity @17°F	Btu/h	27,600	Intelligent Preheating	Yes	
	Capacity Max @5°F	Btu/h	26,400	Low Voltage Startup	Yes	
SEER2			19.0	Memory/Power Failure Recovery	Yes	
EER2			12.2	Self Diagnosis	Yes	
HSPF2			9.0			
COP @5°F			1.81			
OUTDOOR UNIT			MUL30HPJ132OA			
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)	62			
External Dimensions (W x H x D)		in	40-10/64 × 32-33/64 × 16-52/64			
Package Dimension (W x H x D)		in	43-1/32 × 34-27/32 × 19-9/16			
Net Weight		lbs	145.5			
Gross Weight		lbs	161.0			

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
MUL30HPJ132OA	5K+5K+5K	5,000	5,000	5,000			6,000	6,000	6,000		
MUL30HPJ132OA	7K+7K+7K	7,000	7,000	7,000			8,000	8,000	8,000		
MUL30HPJ132OA	5K+5K+7K	5,000	5,000	6,000			6,000	6,000	8,000		
MUL30HPJ132OA	5K+7K+7K	5,000	7,000	7,000			6,000	8,000	8,000		
MUL30HPJ132OA	5K+5K+5K+5K	5,000	5,000	5,000	5,000		6,000	6,000	6,000	6,000	
MUL30HPJ132OA	7K+7K+7K+7K	7,000	7,000	7,000	7,000		8,000	8,000	8,000	8,000	
MUL30HPJ132OA	5K+5K+5K+7K	5,000	5,000	5,000	7,000		6,000	6,000	6,000	8,000	
MUL30HPJ132OA	5K+5K+7K+7K	5,000	5,000	7,000	7,000		6,000	6,000	8,000	8,000	
MUL30HPJ132OA	5K+7K+7K+7K	5,000	7,000	7,000	7,000		6,000	8,000	8,000	8,000	
MUL30HPJ132OA	9K+9K	9,000	9,000				9,000	9,000			
MUL30HPJ132OA	9K+12K	9,000	12,000				9,000	12,000			
MUL30HPJ132OA	9K+18K	9,000	18,000				9,000	18,000			
MUL30HPJ132OA	9K+24K	7,745	20,655				8,182	21,818			
MUL30HPJ132OA	12K+12K	12,000	12,000				12,000	12,000			
MUL30HPJ132OA	12K+18K	11,360	17,040				12,000	18,000			
MUL30HPJ132OA	12K+24K	9,467	18,933				10,000	20,000			
MUL30HPJ132OA	18K+18K	14,200	14,200				15,000	15,000			
MUL30HPJ132OA	18K+24K	12,171	16,229				12,857	17,143			
MUL30HPJ132OA	9K+9K+9K	9,000	9,000	9,000			9,000	9,000	9,000		
MUL30HPJ132OA	9K+9K+12K	8,520	8,520	11,360			9,000	9,000	12,000		
MUL30HPJ132OA	9K+9K+18K	7,100	7,100	14,200			7,500	7,500	15,000		
MUL30HPJ132OA	9K+9K+24K	6,086	6,086	16,229			6,429	6,429	17,143		
MUL30HPJ132OA	9K+12K+12K	7,745	10,327	10,327			8,182	10,909	10,909		
MUL30HPJ132OA	9K+12K+18K	6,554	8,738	13,108			6,923	9,231	13,846		
MUL30HPJ132OA	9K+12K+24K	5,680	7,573	15,147			6,000	8,000	16,000		
MUL30HPJ132OA	9K+18K+18K	5,680	11,360	11,360			6,000	12,000	12,000		
MUL30HPJ132OA	12K+12K+12K	9,467	9,467	9,467			10,000	10,000	10,000		
MUL30HPJ132OA	12K+12K+18K	8,114	8,114	12,171			8,571	8,571	12,857		
MUL30HPJ132OA	9K+9K+9K+9K	7,100	7,100	7,100	7,100		7,500	7,500	7,500	7,500	
MUL30HPJ132OA	9K+9K+9K+12K	6,554	6,554	6,554	8,738		6,923	6,923	6,923	9,231	
MUL30HPJ132OA	9K+9K+9K+18K	5,680	5,680	5,680	11,360		6,000	6,000	6,000	12,000	
MUL30HPJ132OA	9K+9K+12K+12K	6,086	6,086	8,114	8,114		6,429	6,429	8,571	8,571	
MUL30HPJ132OA	9K+12K+12K+12K	5,680	7,573	7,573	7,573		6,000	8,000	8,000	8,000	

Outdoor Unit & Possible Indoor Unit Combinations with AHRI Certified Performance

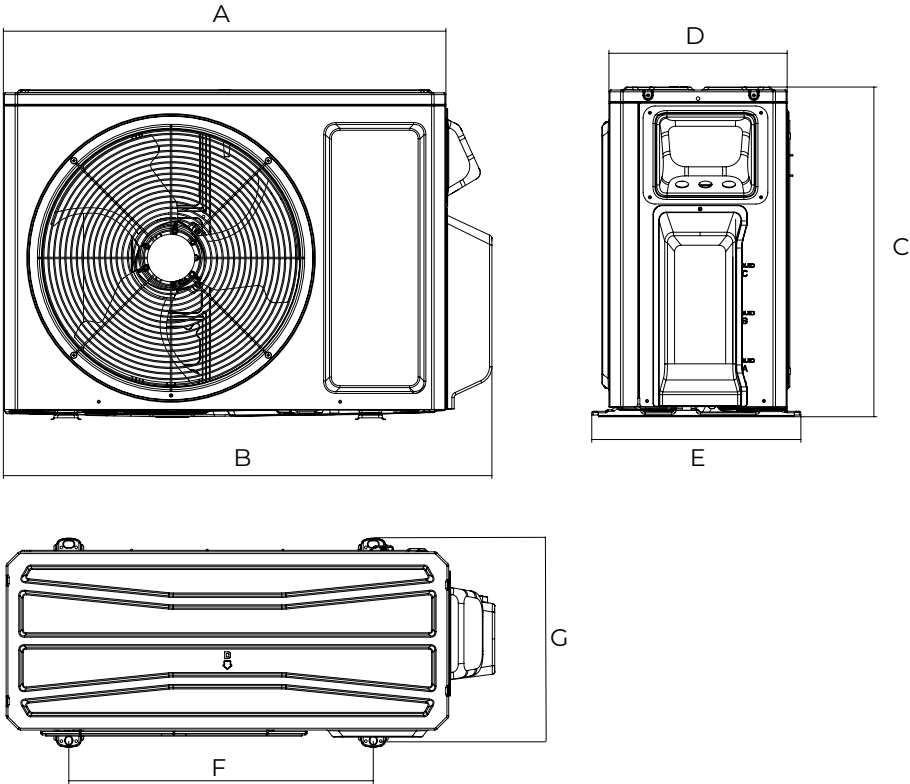
*You may substitute the 9K unit with a 5K or 7K High Wall unit, find complete capacity information in the extended ratings chart.

DIMENSIONS

OUTDOOR UNIT

Unit: inch

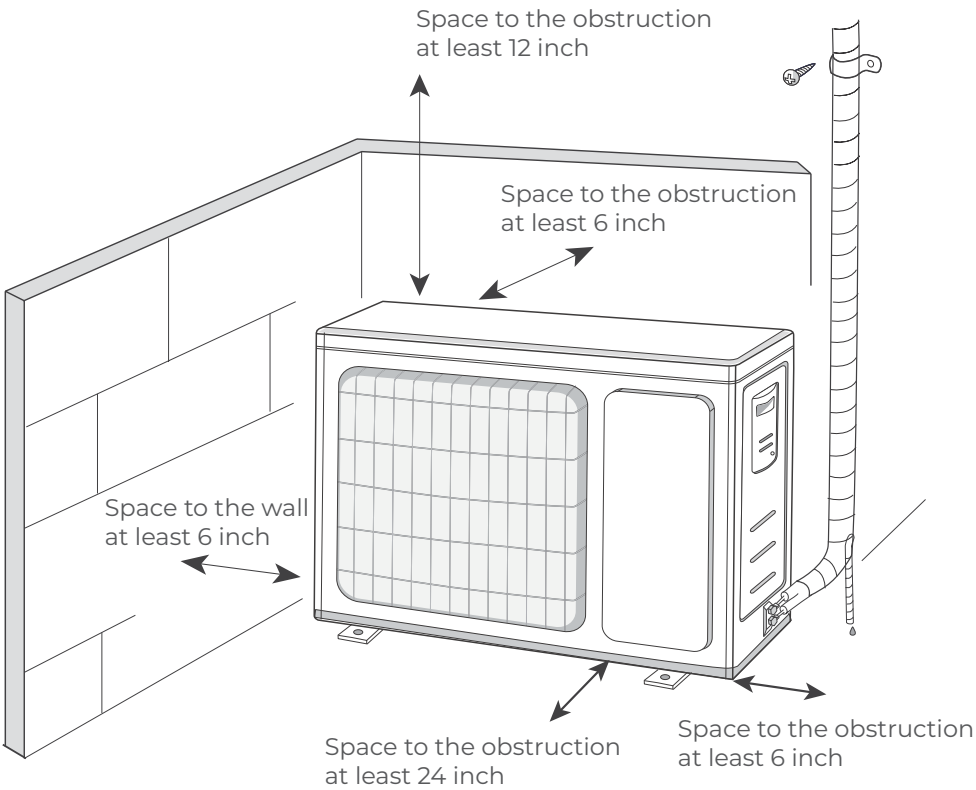
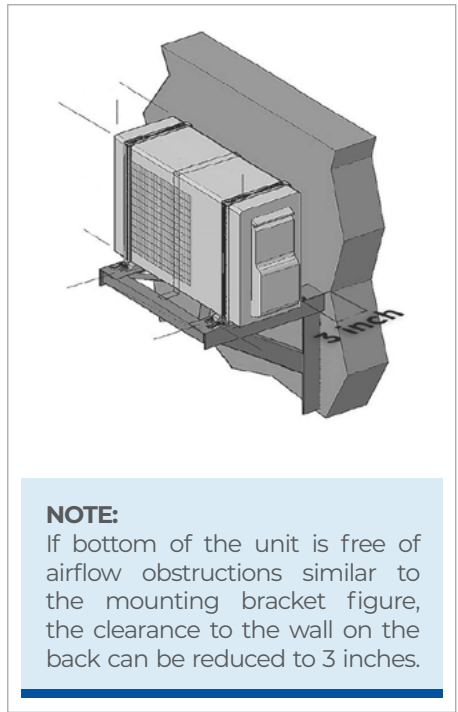
MUL30HPJ1320A	
DIMENSIONS	
A	37-1/8
B	40-3/16
C	32-9/16
D	14-17/32
E	16-13/16
F	25
G	15-19/32



CLEARANCES

OUTDOOR UNIT

Minimum clearance



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