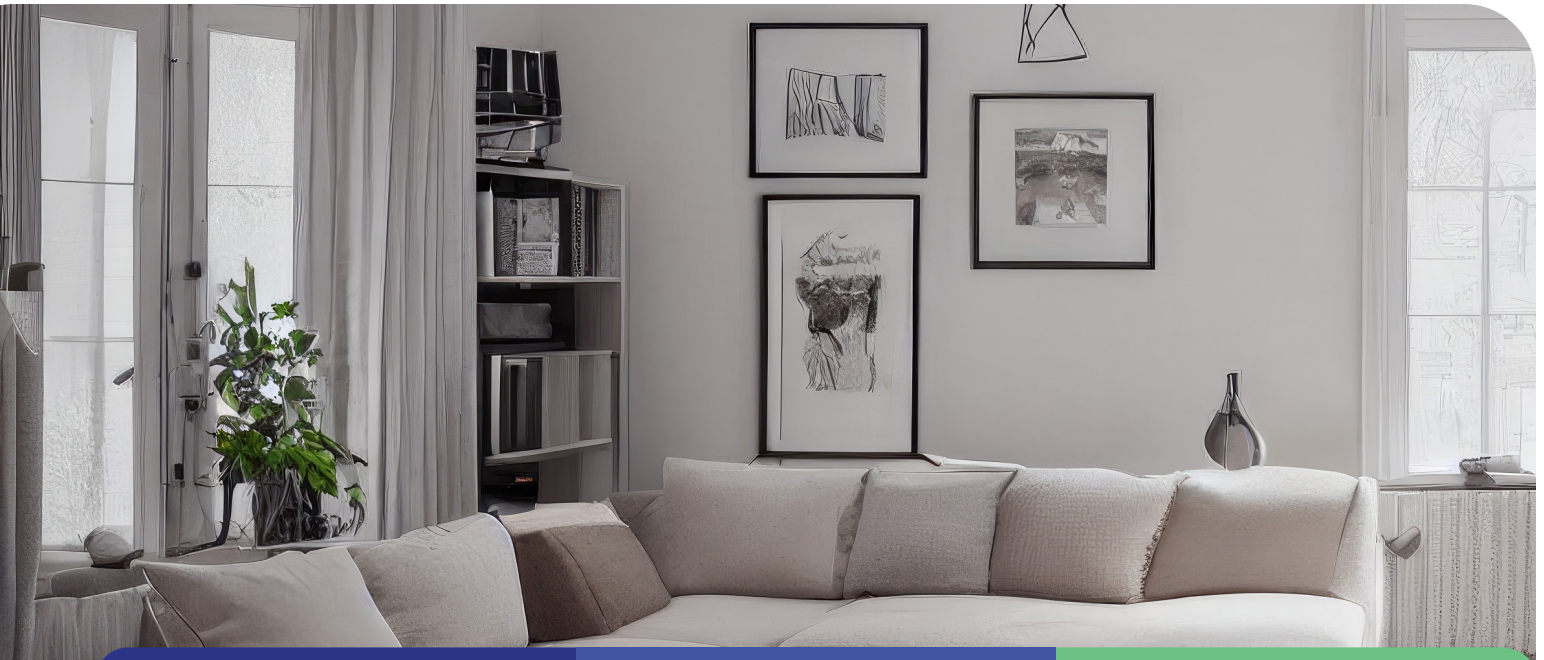


# MULTI ZONE<sup>R32</sup>

IT ALL FITS TOGETHER  
FOR COMFORT



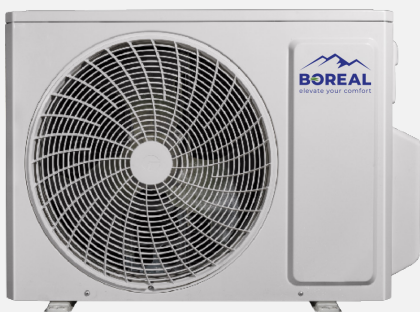
**HIGH EFFICIENCY, UP TO  
21.0 SEER2 /  
13.6 EER2 / 10.0 HSPF2**



**COOLING RANGE:  
-22°F - 118°F  
HEATING RANGE:  
-22°F - 75°F**



**SMALL  
“FOOT PRINT” DESIGN**



- Self-Diagnosis
- Indoor units powered by outdoor unit
- Intelligent defrost
- Automatic voltage adaptation
- Advanced G20 inverter technology
- Quiet operation
- Up to 7 unique indoor options
- Maximum line length: 328 ft.

[BOREALHEATPUMPS.COM](http://BOREALHEATPUMPS.COM)

SYSTEM TYPE			HEAT PUMP				
Outdoor Model			MUL18HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA	MUL36HPJ132OA	MUL42HPJ132OA
Number of Zones			2	2 - 3	2 - 4	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)							
Cooling Capacity	Min - Max	Btu/h	5,434 - 23,495	6,292 - 28,772	7,198 - 32,915	10,275 - 46,989	11,765 - 53,799
	Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000
Heating Capacity	Min - Max	Btu/h	5,397 - 19,800	8,704 - 26,400	11,305 - 33,000	13,506 - 39,600	14,007 - 46,200
	Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000
	Capacity @17°F	Btu/h	16,000	23,600	28,000	36,000	40,000
	Capacity Max @5°F	Btu/h	13,800	21,600	27,000	36,000	37,800
SEER2			21	21	21	21	21
EER2			12.0	13.3	13.6	12.0	13.0
HSPF2			10.0	10.0	10.0	10.0	10.0
COP @5°F			2.0	2.0	2.07	2.10	2.10
Energy Star® South			YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)							
Cooling Capacity	Min - Max	Btu/h	5,434 - 23,495	6,292 - 28,772	7,198 - 32,915	10,275 - 46,989	11,765 - 53,799
	Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000
Heating Capacity	Min - Max	Btu/h	5,397 - 19,800	8,704 - 26,400	11,305 - 33,000	13,506 - 39,600	14,007 - 46,200
	Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000
	Capacity @17°F	Btu/h	15,000	22,000	27,200	36,000	40,000
	Capacity Max @5°F	Btu/h	13,600	21,600	26,000	33,000	36,000
SEER2			18.0	18.0	18.0	18.0	18.0
EER2			11.7	12.0	12.0	11.7	12.0
HSPF2			8.1	8.1	8.1	8.1	8.1
COP @5°F			1.86	1.86	1.88	1.90	1.90
Energy Star® South			YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)							
Cooling Capacity	Min - Max	Btu/h	5,434 - 23,495	6,292 - 28,772	7,198 - 32,915	10,275 - 46,989	11,765 - 53,799
	Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000
Heating Capacity	Min - Max	Btu/h	5,397 - 19,800	8,704 - 26,400	11,305 - 33,000	13,506 - 39,600	14,007 - 46,200
	Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000
	Capacity @17°F	Btu/h	15,400	23,000	27,600	36,000	40,000
	Capacity Max @5°F	Btu/h	13,700	21,600	26,400	34,000	37,000
SEER2			19.0	19.0	19.0	19.0	19.0
EER2			11.8	12.2	12.2	11.8	12.2
HSPF2			9.0	9.0	9.0	9.0	9.0
COP @5°F			1.80	1.80	1.81	1.84	1.84
Energy Star® South			YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES
OUTDOOR UNIT			MUL18HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA	MUL36HPJ132OA	MUL42HPJ132OA
Cooling Temperature Range		°F	-22 - 118				
Heating Temperature Range		°F	-22 - 75				
Refrigerant Type			R32				
Compressor Type			G20 / Double Cylinder / 1 - Stage Inverter				
Sound Pressure Level		dB(A)	54	58	62	63	63
External Dimensions (W x H x D)		in	32-23/64 x 21-42/64 x 13-55/64	37-61/64 x 25-63/64 x 15-53/64	40-10/64 x 32-33/64 x 16-52/64	40-10/64 x 32-33/64 x 16-52/64	40-10/64 x 32-33/64 x 16-52/64
Package Dimension (W x H x D)		in	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	43-1/32 x 34-27/32 x 19-9/16	43-1/32 x 34-27/32 x 19-9/16	43-1/32 x 34-27/32 x 19-9/16
Net Weight		lbs	75.0	112.5	145.5	176.4	178.6
Gross Weight		lbs	81.6	122.4	161.0	189.6	191.8
REFRIGERANT PIPING							
Refrigerant Charge - R32		oz	31.8	59.98	77.62	95.24	95.24
Compressor Type			G20 / Double Cylinder / 1 - Stage Inverter				
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)				1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port E (in)						1/4 - 3/8
Pre-Charge Length		ft	33	98	131	131	164
Pipe Length (Min - Max)		ft	10 - 131	10 - 197	10 - 263	10 - 263	10 - 328
Pipe Length to furthest Indoor Unit		ft	66	66	82	82	82
Max. Pipe Elevation		ft	49	49	82	82	82
ELECTRICAL							
Power Supply			208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)		VAC	187 - 253				
Rated Current - Cooling		A	11	14	20	21.7	21.7
Rated Current - Heating		A	11	14.8	21.7	22.6	22.6
MCA		A	18.5	19.5	23	29	29
MOCP		A	20	25	35	35	35
Suggested Breaker Size		A	20	20	25	30	30
Main Power Wire Size		AWG	Per Local Code				
Interconnecting Wire Size		AWG	14 / 4				
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial				



Version: 20 March 2025

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations. ©2025 All rights reserved.