



**ELEVATE THE ATMOSPHERE
IN ANY ROOM**



**UP TO 26.0 SEER2 /
15.0 EER2 / 10.4 HSPF2
EFFICIENCY**



**COOLING RANGE:
-20°F - 122°F
HEATING RANGE:
-22°F - 86°F**



**BUILT-IN WIFI
SMART HOME**



- Auto Clean
- Dehumidification
- I-Feel functionality
- Self-diagnosis

- Multiple fan speeds
- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control

BOREALHEATPUMPS.COM

SYSTEM TYPE			HEAT PUMP					
Outdoor Model			KUL09HPL132OA	KUL12HPL132OA	KUL09HPJ132OA	KUL12HPJ132OA	KUL18HPJ132OA	KUL24HPJ132OA
Indoor Model			KUL09HPL132IA	KUL12HPL132IA	KUL09HPJ132IA	KUL12HPJ132IA	KUL18HPJ132IA	KUL24HPJ132IA
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	7,261 - 14,522	8,528 - 17,056	7,261 - 14,522	8,528 - 17,056	15,073 - 30,146	17,180 - 29,659
	Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	22,000
Heating Capacity	Min - Max	Btu/h	6,356 - 15,013	7,691 - 15,695	6,356 - 15,013	7,691 - 15,695	12,970 - 26,470	12,810 - 31,586
	Capacity @47°F	Btu/h	10,000	12,000	10,500	12,000	18,000	24,000
	Capacity @17°F	Btu/h	8,400	10,000	8,800	10,000	14,700	20,000
	Capacity @5°F	Btu/h	9,500	9,500	9,500	11,000	14,600	16,000
SEER2			27.0	24.5	26.0	24.5	24.5	26.0
EER2			15.0	13.0	15.0	13.0	13.65	13.65
HSPF2			10.5	9.5	10.4	9.5	9.0	10.0
COP @5°F			1.83	1.95	1.88	1.95	1.9	1.8
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	NO
Cooling Temperature Range		°F	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range		°F	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R32					
INDOOR UNIT			KUL09HPL132IA	KUL12HPL132IA	KUL09HPJ132IA	KUL12HPJ132IA	KUL18HPJ132IA	KUL24HPJ132IA
Air flow (Min - Max)		CFM	194 - 353	230 - 400	194 - 353	230 - 400	324 - 589	383 - 736
Sound Pressure Level (Min - Max)		dB(A)	20 - 41	20 - 43	20 - 41	20 - 43	27 - 48	34 - 52
Dehumidification		pt/hr	1.69	2.96	1.69	2.96	3.80	4.23
External Dimensions (W x H x D)		in	32-31/64 x 11-17/32 x 7-23/32	32-31/64 x 11-17/32 x 7-23/32	32-31/64 x 11-17/32 x 7-23/32	32-31/64 x 11-17/32 x 7-23/32	38-21/32 x 12-1/4 x 8-45/64	42-21/64 x 13-7/64 x 9-11/16
Package Dimension (W x H x D)		in	34-29/64 x 14-3/8 x 10-35/64	34-29/64 x 14-3/8 x 10-35/64	34-29/64 x 14-3/8 x 10-35/64	34-29/64 x 14-3/8 x 10-35/64	41-7/64 x 15-5/32 x 11-11/16	44-39/64 x 16-19/64 x 13-7/64
Net Weight		lbs	20.9	20.9	20.9	20.9	28.7	35.3
Gross Weight			25.4	25.4	25.4	25.4	34.2	41.9
OUTDOOR UNIT			KUL09HPL132OA	KUL12HPL132OA	KUL09HPJ132OA	KUL12HPJ132OA	KUL18HPJ132OA	KUL24HPJ132OA
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER					
Sound Pressure Level		dB(A)	52	52	52	52	59	58
External Dimensions (W x H x D)		in	31-37/64 x 21-27/32 x 13-25/32	31-37/64 x 21-27/32 x 13-25/32	31-37/64 x 21-27/32 x 13-25/32	31-37/64 x 21-27/32 x 13-25/32	37-23/32 x 25-63/64 x 15-53/64	37-23/32 x 25-63/64 x 15-53/64
Package Dimension (W x H x D)		in	34-21/64 x 24-13/32 x 15-43/64	34-21/64 x 24-13/32 x 15-43/64	34-21/64 x 24-13/32 x 15-43/64	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	40-5/8 x 29-1/64 x 17-61/64
Net Weight		lbs	71.7	69.5	70.6	67.3	94.8	92.6
Gross Weight		lbs	77.2	75.0	76.1	72.8	104.7	102.5
REFRIGERANT PIPING								
Refrigerant Charge - R32		oz	30	28.2	30	28.2	40.6	42.3
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2	0.4
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8	1/4 - 1/2	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8
Pre-Charge Length		ft			25			
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 131	10 - 131
Max. Pipe Elevation		ft	40	40	40	40	82	82
ELECTRICAL								
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)					
Voltage Range (Min - Max)		VAC	103 - 126		187 - 253			
Rated Current - Cooling		A	12.3	15.38	4.73	6.64	11.5	13
Rated Current - Heating		A	16.59	15.41	6	6.41	11.5	15.5
MCA		A	19	19	10	10	16	22
MOCP		A	20	20	15	15	20	30
Suggested Breaker Size		A	20	20	10	10	20	25
Main Power Wire Size		AWG	Per Local Code					
Interconnecting Wire Size		AWG	14 / 4					
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial					