



HEATING AND COOLING YOU CAN COUNT ON



**UP TO 20.5 SEER2 /
12.5 EER2 / 8.8 HSPF2
EFFICIENCY**



**COOLING RANGE:
0°F - 118°F
HEATING RANGE:
-13°F - 75°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
- Maximum line length: 131 FT
- 115 Volt option in 9K & 12K system

SYSTEM TYPE		HEAT PUMP								
Outdoor Model		BRS09HPLI32OA	BRS12HPLI32OA	BRS09HPJ132OA	BRS12HPJ132OA	BRS18HPJ132OA	BRS24HPJ132OA	BRS30HPJ132OA	BRS36HPJ132OA	
Indoor Model		BRS09HPLI32IA	BRS12HPLI32IA	BRS09HPJ132IA	BRS12HPJ132IA	BRS18HPJ132IA	BRS24HPJ132IA	BRS30HPJ132IA	BRS36HPJ132IA	
SYSTEM PERFORMANCE										
Cooling Capacity	Min - Max	Btu/h	8,428 - 14,522	8,650 - 14,904	6,695 - 11,536	8,650 - 14,904	9,770 - 22,155	16,416 - 28,286	17,954 - 37,210	19,001 - 39,380
	Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	24,000	30,000	33,600
Heating Capacity	Min - Max	Btu/h	6,916 - 13,300	7,154 - 14,600	6,831 - 13,136	7,154 - 14,600	9,081 - 22,838	13,113 - 25,218	16,491 - 38,303	16,540 - 38,419
	Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	19,100	24,000	30,000	34,000
	Capacity @17°F	Btu/h	8,100	9,700	8,100	9,700	15,300	19,200	24,000	27,400
	Capacity @5°F	Btu/h	7,600	8,500	7,600	9,100	12,100	15,700	23,000	24,600
SEER2			20.5	19.0	20.5	19.0	20.0	19.0	22.0	21.0
EER2			11.9	9.3	12.5	9.75	12.35	11.9	10.9	10.6
HSPF2			8.8	8.5	8.8	8.5	8.5	8.5	9.0	8.5
COP @5°F			1.86	1.75	1.94	1.75	1.75	1.75	1.8	1.8
Energy Star® South			NO	NO	NO	NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO	NO	NO	NO	YES
Cooling Temperature Range	°F		0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118
Heating Temperature Range	°F		-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type		R32								
INDOOR UNIT		BRS09HPLI32IA	BRS12HPLI32IA	BRS09HPJ132IA	BRS12HPJ132IA	BRS18HPJ132IA	BRS24HPJ132IA	BRS30HPJ132IA	BRS36HPJ132IA	
Air flow (Min - Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	282 - 618	412 - 677	441 - 794	441 - 794	
Sound Pressure Level (Min - Max)	dB(A)	24 - 43	27 - 47	24 - 41	27 - 47	34 - 53	36 - 51	36 - 52	36 - 52	
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.80	5.28	7.40	7.40	
External Dimensions (W x H x D)	in	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	37-1/8 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	
Package Dimension (W x H x D)	in	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	39-13/32 x 15-15/16 x 12-43/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64	
Net Weight	lbs	19.8	19.8	19.8	19.8	28.7	33.1	34.2	34.2	
Gross Weight	lbs	24.3	24.3	24.3	24.3	34.2	39.7	40.8	40.8	
OUTDOOR UNIT		BRS09HPLI32OA	BRS12HPLI32OA	BRS09HPJ132OA	BRS12HPJ132OA	BRS18HPJ132OA	BRS24HPJ132OA	BRS30HPJ132OA	BRS36HPJ132OA	
Compressor Type		G20 / SINGLE CYLINDER / 1 - STAGE INVERTER								
Sound Pressure Level	dB(A)	51	52	51	52	57	58	62	62	
External Dimensions (W x H x D)	in	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	31-37/64 x 21-27/32 x 13-25/32	37-23/32 x 25-63/64 x 15-53/64	39-3/8 x 29-3/8 x 15-13/16	39-3/8 x 29-3/8 x 15-13/16	
Package Dimension (W x H x D)	in	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	42-33/64 x 31-57/64 x 19-1/64	42-33/64 x 31-57/64 x 19-1/64	
Net Weight	lbs	55.1	58.4	52.9	56.2	70.6	93.7	116.8	122.4	
Gross Weight	lbs	60.6	63.9	58.4	61.7	76.1	103.6	127.9	133.4	
REFRIGERANT PIPING										
Refrigerant Charge - R32	oz	18.7	17.6	18.7	17.6	32.5	42.3	56.4	56.4	
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2	0.1	0.4	0.4	
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	
Pre-Charge Length	ft	25								
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 131	10 - 131	10 - 131	
Max. Pipe Elevation	ft	40	40	40	40	33	82	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	12.5	14.34	6.5	7.02	9.5	11	20	20	
Rated Current - Heating	A	15.4	14.64	7	7.47	9.5	12	20	20	
MCA	A	19	19	10	12	13	15	25.6	23	
MOCP	A	20	20	15	15	15	20	35	35	
Suggested Breaker Size	A	20	20	10	15	15	15	30	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								



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