

# brisa



HEATING AND COOLING  
**YOU CAN COUNT ON**

MODEL		BRS09HPL1	BRS12HPL1	BRS09HPJ1	BRS12HPJ1	BRS18HPJ1	BRS24HPJ1	BRS30HPJ1	BRS36HPJ1
System Type		HEAT PUMP							
<b>SYSTEM PERFORMANCE</b>									
Cooling Capacity (Min-Max)	Btu/h	9000 (2764 - 9724)	12000 (3753 - 12500)	9100 (2457 - 9600)	12000 (1024 - 12624)	17400 (4094 - 20000)	22000 (5900 - 25200)	30000 (4100 - 33100)	33600 (5951 - 36000)
Heating Capacity (Min-Max)	Btu/h	9500 ( 2081 - 12283)	13000 (3412 - 15013)	9500 (2457 - 11500)	13000 (2388 - 13648)	18000 (4100 - 21000)	24000 (4500 - 25900)	30000 (7848 - 36000)	34600 (8530 - 37020)
SEER / EER		18 / 10	18 / 10.05	17 / 10.25	17 / 9.25	16 / 8.5	19 / 11.25	18 / 10.55	18 / 9.21
HSPF / COP		9 / 3.2	9 / 3.05	9 / 3.6	9 / 3.25	9 / 3	10 / 3.4	9 / 3.3	9 / 2.8
Energy Star®		NO				NO			
Cooling Temperature Range	*F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	-4 - 115	-4 - 115
Heating Temperature Range	*F	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-13 - 75	-13 - 75
<b>INDOOR UNIT</b>									
Air flow (Min-Max)	CFM	171 - 318	194 - 400	182 - 294	182 - 371	335 - 471	412 - 677	441 - 824	441 - 824
Sound Pressure Level (Cooling / Heating)	dB(A)	28 - 43 / 28 - 43	29 - 43 / 29 - 43	26 - 39 / 29 - 41	28 - 42 / 30 - 43	35 - 47 / 35 - 46	37 - 49 / 36 - 47	37 - 55 / 41 - 55	37 - 55 / 41 - 55
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.8	4.23	6.34	7.4
Condensate Drain Size (OD)	in	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
Unit Dimension (WxHxD)	in	31 1/8 x 10 5/6 x 7 7/8	33 1/4 x 11 3/8 x 8 1/4	31 1/8 x 10 3/4 x 7 7/8	33 1/4 x 11 1/4 x 8 3/8	38 1/8 x 11 3/4 x 8 3/4	42 1/4 x 12 3/4 x 9 5/8	53 1/8 x 12 3/4 x 10	53 1/8 x 12 3/4 x 10
Package Dimension (WxHxD)	in	33 1/2 x 13 5/16 x 10 5/16	36 1/8 x 14 1/3 x 11	33 1/2 x 13 5/16 x 10 5/16	36 1/8 x 14 5/16 x 10 7/8	40 7/8 x 15 x 12	44 1/4 x 15 3/4 x 13	56 5/8 x 16 7/16 x 13 3/4	56 5/8 x 16 7/16 x 13 3/4
Weight (Net / Gross)	lbs	19.8 / 24.3	23.2 / 27.6	19.8 / 24.3	22 / 26.5	29.8 / 36.4	37.5 / 45.2	43 / 52.9	44.1 / 54
<b>OUTDOOR UNIT</b>									
Compressor Type		2 STAGE ROTARY							
Sound Pressure Level (Cooling / Heating)	dB(A)	52 / 52	53 / 53	50 / 50	52 / 52	56 / 56	59 - 69 / 59 - 69	60 - 70 / 60 - 70	59 - 69 / 59 - 69
Unit Dimension (WxHxD)	in	33 3/8 x 17 1/4 x 12 5/8	33 3/8 x 17 1/4 x 12 5/8	30 5/8 x 21 1/4 x 10 1/8	30 5/8 x 21 1/4 x 10 1/8	35 3/4 x 25 5/8 x 12 1/4	35 3/4 x 25 5/8 x 12 1/4	39 3/8 x 31 1/8 x 14 9/16	39 3/8 x 31 1/8 x 14 9/16
Package Dimension (WxHxD)	in	34 9/16 x 22 7/8 x 14 3/16	34 9/16 x 22 7/8 x 14 3/16	32 5/16 x 22 7/8 x 13 13/16	32 5/16 x 22 7/8 x 13 13/16	37 13/16 x 26 3/4 x 16 1/8	37 13/16 x 26 3/4 x 16 1/8	42 1/2 x 33 1/8 x 19 1/8	42 1/2 x 33 1/8 x 19 1/8
Weight (Net / Gross)	lbs	62.8 / 68.4	67.3 / 72.8	58.4 / 63.9	62.8 / 68.4	87.7 / 93.7	97 / 103.6	138.9 / 149.9	140 / 151
Refrigerant Charge - R410A	oz	24.7	31.8	24	28.2	42.3	52.9	77.6	88.2
Coil Type		Aluminum Fin-Copper Tube / Acrylic Resin Protection							
<b>REFRIGERANT PIPING</b>									
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	25							
Pipe Length (Min / Max)	ft	10 / 66	10 / 98	10 / 49	10 / 66	10 / 82	10 / 82	10 / 82	10 / 82
Max. Pipe Elevation	ft	33	49	33	33	33	33	33	33
<b>ELECTRICAL</b>									
Power Supply		115V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz			
Rated Current Cooling	amps	12.66	13.5	6.3	6.5	10	11	15	18
Rated Current Heating	amps	10.65	13.8	6.2	6.3	10.5	10	16.5	19
MCA	amps	17	20	10	9	15	19	24	24
MOCP	amps	25	30	15	15	20	30	35	35
Main Power Wire Size	AWG	Per Local Code							
Interconnecting Wire Size	AWG	14 / 4							
<b>LIMITED WARRANTY</b>									
3 YEAR PARTS & 5 COMPRESSOR									



boreal  
INTERNATIONAL



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