



# HEATING AND COOLING YOU CAN COUNT ON



**HIGH EFFICIENCY, UP TO  
20 SEER2 / 8.8 HSPF2**



**COOLING RANGE:  
-4°F - 122°F  
HEATING RANGE:  
-13°F - 75°F**



**BUILT-IN  
WIFI**



- G10 inverter technology
- I-Feel function
- Multiple fan speeds
- Sleep function
- Acrylic resin coil coating
- Dehumidification
- Intelligent preheating
- Automatic voltage adaption
- Low voltage start-up
- Self-diagnosis
- Swing louver control
- LED display settings
- Privacy lock mode
- Cooling range: -4°F - 122°F
- Heating range: -13°F - 75°F
- Auto-Clean

BRISA GEN3		3BRS09HPL1IA*	3BRS12HPL1IA*	3BRS09HPJ1IA*	3BRS12HPJ1IA*	3BRS18HPJ1IA*	3BRS24HPJ1IA*	3BRS30HPJ1IA*	3BRS36HPJ1IA*
System Type		HEAT PUMP							
<b>SYSTEM PERFORMANCE</b>									
Cooling Capacity (Min-Max)	Btu/h	9100 (3000 - 11000)	12000 (2388 - 13307)	9100 (2800 - 10300)	12000 (2388 - 13307)	17600 (3753 - 19960)	22000 (6824 - 25249)	30000 (7780 - 35500)	33600 (7500 - 37200)
Heating Capacity (Min-Max)	Btu/h	10000 (2200 - 13000)	12000 (2388 - 15013)	10000 (2200 - 12200)	12000 (2388 - 15013)	19100 (2730 - 22519)	24000 (5971 - 27296)	30000 (9100 - 36850)	34600 (10200 - 38500)
SEER2 / EER2		19.5 / 11.3	17.5 / 8.7	19.5 / 11.3	17.5 / 8.7	17.5 / 10.1	18 / 11.6	20 / 11.3	20 / 10.5
HSPF2 / COP		8.6 / 3.6	8.5 / 3.5	8.8 / 3.8	8.5 / 3.5	8.5 / 3.2	8.5 / 3.4	8.5 / 3.4	8.5 / 3.2
Energy Star®		NO	NO	NO	NO	NO	NO	NO	NO
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 122	-4 - 115	-4 - 115
Heating Temperature Range	°F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type		R410A			R410A				
<b>INDOOR UNIT DATA</b>		<b>3BRS09HPL1IA</b>	<b>3BRS12HPL1IA</b>	<b>3BRS09HPJ1IA</b>	<b>3BRS12HPJ1IA</b>	<b>3BRS18HPJ1IA</b>	<b>3BRS24HPJ1IA</b>	<b>3BRS30HPJ1IA</b>	<b>3BRS36HPJ1IA</b>
Air Flow (Min-Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	283 - 618	412 - 677	471 - 912	471 - 912
Sound Pressure Level (Min-Max)	dB(A)	26 - 41	27 - 47	26 - 41	27 - 47	32 - 50	36 - 51	37 - 56	37 - 56
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 10-7/8 x 7-7/8	32-7/8 x 10-7/8 x 7-7/8	32-7/8 x 10-7/8 x 7-7/8	32-7/8 x 10-7/8 x 7-7/8	37-1/8 x 13-1/8 x 9-11/16	42-7/16 x 13-1/8 x 9-11/16	53-3/16 x 12-13/16 x 9-15/16	53-3/16 x 12-13/16 x 9-15/16
Package Dimension (W x H x D)	in	35-1/4 x 13-5/8 x 10-11/16	35-1/4 x 13-5/8 x 10-11/16	35-1/4 x 13-5/8 x 10-11/16	35-1/4 x 13-5/8 x 10-11/16	39-7/16 x 15-15/16 x 12-11/16	44-5/8 x 16-5/16 x 13-1/8	56-3/4 x 16-5/8 x 14-1/2	56-3/4 x 16-5/8 x 14-1/2
Weight (Net / Gross)	lbs	19.8 / 24.3	19.8 / 24.3	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	33.1 / 39.7	44.1 / 54.0	44.1 / 54.0
<b>OUTDOOR UNIT DATA</b>		<b>3BRS09HPL1IOA</b>	<b>3BRS12HPL1IOA</b>	<b>3BRS09HPJ1IOA</b>	<b>3BRS12HPJ1IOA</b>	<b>3BRS18HPJ1IOA</b>	<b>3BRS24HPJ1IOA</b>	<b>3BRS30HPJ1IOA</b>	<b>3BRS36HPJ1IOA</b>
Compressor Type		G-10 / 2 - STAGE INVERTER			G-10 / 2 - STAGE INVERTER				
Sound Pressure Level	dB(A)	51	52	51	52	57	57	62	62
External Dimensions (W x H x D)	in	28-13/16 x 21-7/8 x 13	28-13/16 x 21-7/8 x 13	28-13/16 x 21-7/8 x 13	28-13/16 x 21-7/8 x 13	31-5/8 x 21-7/8 x 13-13/16	37-3/4 x 26 x 15-7/8	39-3/8 x 29-3/8 x 16-13/16	39-3/8 x 29-3/8 x 16-13/16
Package Dimension (W x H x D)	in	31-5/16 x 24-3/4 x 14-13/16	31-5/16 x 24-3/4 x 14-13/16	31-5/16 x 24-3/4 x 14-13/16	31-5/16 x 24-3/4 x 14-13/16	34-6/16 x 24-7/16 x 15-11/16	40-5/8 x 29-1/16 x 17-15/16	42-9/16 x 31-15/16 x 19-1/16	42-9/16 x 31-15/16 x 19-1/16
Weight (Net / Gross)	lbs	59.5 / 65.0	59.5 / 65.0	56.2 / 61.7	57.3 / 62.8	71.7 / 77.2	97.0 / 106.9	113.6 / 124.6	127.9 / 138.9
<b>REFRIGERANT PIPING</b>									
Refrigerant Charge - R410A	oz	24.3	24.7	24.7	27.5	44.1	52.9	74.1	84.7
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5
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 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	25			25				
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 82	10 - 82	10 - 82
Max. Pipe Elevation	ft	39	33	39	33	33	33	33	33
<b>ELECTRICAL</b>									
Power Supply		115V / 1PH / 60 HZ			208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)	VAC	103-127			187-253				
Rated Current - Cooling	A	17.5	18	6.5	6.7	9.5	12	19	20
Rated Current - Heating	A	18	18	7	7.4	9.5	12	18	18
MCA	A	16	20	9	11	14	15	20	23
MOCP	A	20	30	15	15	20	20	30	35
Main Power Wire Size	AWG	Per Local Code			Per Local Code				
Interconnecting Wire Size	AWG	14 / 4			14 / 4				
<b>LIMITED WARRANTY</b>		5 Years Parts, 7 Years Compressor – Residential & Commercial							



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