

jaga CLIMATE DESIGNERS

Briza-22 03 HP (208-240V) - BPBC.05507522, BPBW.05507522										
Fan Speed	Sound Power Level, dB Ref. 1 pW								Sound Power dBA	Sound Pressure dBA
	Octave Band Frequency									
%	63	125	250	500	1000	2000	4000	8000		
Inlet										
100	70	60	54	49	44	41	33	31	52	42
75	68	59	52	46	40	36	29	30	49	39
50	67	50	46	39	32	27	25	30	43	33
Discharge										
100	71	57	54	51	45	40	33	31	52	42
75	70	54	50	48	41	35	29	30	49	39
50	69	49	45	42	33	26	25	30	44	34
Casing Radiated										
100	57	51	44	39	35	31	28	30	42	32
75	56	50	42	36	30	25	26	30	40	30
50	56	42	38	30	24	21	25	30	36	26

Briza-22 04 HP (208-240V) - BPBC.05509522, BPBW.05509522										
Fan Speed	Sound Power Level, dB Ref. 1 pW								Sound Power dBA	Sound Pressure dBA
	Octave Band Frequency									
%	63	125	250	500	1000	2000	4000	8000		
Inlet										
100	69	60	55	50	43	39	33	31	52	42
75	64	57	51	46	39	35	29	30	48	38
50	66	52	46	41	32	27	26	30	44	34
Discharge										
100	67	58	54	49	46	40	33	30	52	42
75	67	54	50	45	41	34	28	30	48	38
50	67	49	44	39	33	26	26	30	43	33
Casing Radiated										
100	60	51	44	39	35	33	30	30	43	33
75	59	48	42	36	31	28	27	30	40	30
50	59	44	38	30	24	21	25	30	38	28

Briza-22/26 06 HP (208-240V) - BPBC.05512522, BPBW.05512522, BQBC.05612526, BQBW.05612526										
Fan Speed	Sound Power Level, dB Ref. 1 pW								Sound Power dBA	Sound Pressure dBA
	Octave Band Frequency									
%	63	125	250	500	1000	2000	4000	8000		
Inlet										
100	67	63	60	56	50	45	39	33	57	47
75	67	61	57	53	46	41	35	31	54	44
50	67	55	52	47	40	33	28	31	49	39
Discharge										
100	68	63	59	56	52	47	40	33	57	47
75	67	59	55	52	48	42	35	31	54	44
50	67	54	50	47	41	35	28	30	48	38
Casing Radiated										
100	60	55	50	44	40	39	33	30	48	38
75	59	52	47	41	36	33	28	30	44	34
50	57	47	41	36	30	24	25	30	39	29

Briza-22/26 08 HP (208-240V) - BPBC.05515522, BPBW.05515522, BQBC.05615526, BQBW.05615526										
Fan Speed	Sound Power Level, dB Ref. 1 pW								Sound Power dBA	Sound Pressure dBA
	Octave Band Frequency									
%	63	125	250	500	1000	2000	4000	8000		
Inlet										
100	67	61	57	52	46	42	35	31	54	44
75	66	60	55	51	43	38	31	30	52	42
50	68	53	49	44	35	30	25	29	47	37

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Discharge										
100	67	59	55	51	47	41	34	30	53	43
75	66	57	53	50	45	38	30	30	51	41
50	67	51	46	43	36	28	25	30	45	35
Casing Radiated										
100	61	52	47	43	38	34	30	31	45	35
75	59	52	46	41	35	31	27	31	43	33
50	60	47	40	34	27	23	26	31	39	29

Briza-22/26 10 HP (208-240V) - BPBC.05519022, BPBW.05519022, BQBC.05619026, BQBW.05619026										
Fan Speed	Sound Power Level, dB Ref. 1 pW								Sound Power dBA	Sound Pressure dBA
	Octave Band Frequency									
	%	63	125	250	500	1000	2000	4000		
Inlet										
100	66	62	59	56	51	48	40	34	57	47
75	65	59	56	52	46	42	34	31	53	43
50	64	54	51	47	40	36	28	30	48	38
Discharge										
100	66	59	57	55	53	48	40	32	57	47
75	65	56	53	52	49	43	35	30	53	43
50	65	51	48	47	43	37	29	29	48	38
Casing Radiated										
100	59	55	52	47	44	37	29	31	49	39
75	56	51	49	44	40	33	27	31	46	36
50	62	49	45	39	35	27	26	31	43	33

Ref: AHRI 260-2017, AHRI220-2014

Generated Sound Correction Rules

$\Delta L = LP(GN) - LP(BN)$

If: $\Delta L \geq 15$, $K_1 = 0$

for 315Hz and below, and 6300Hz and Above, Use Eq. 14

*** $6 \leq \Delta L < 15$, $K_1 = \text{use Eq. 14}$

*** $\Delta L < 6$, $K_1 = 1.26$ and clearly stated in the upper bounds to the PWL

for 400 - 5000 Hz

*** $10 \leq \Delta L < 15$, $K_1 = \text{use Eq. 14}$

*** $\Delta L < 10$, $K_1 = 0.46$ and clearly stated in the upper bounds to the PWL