

Briza-22 02/03 (120V) - BABC.05505522, BABW.05505522, BABC.05507522, BABW.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		
Inlet										
100	64	50	50	46	39	35	26	25	49	39
75	61	48	47	40	32	27	20	23	47	38
50	61	44	40	32	23	18	18	23	42	32
Discharge										
100	68	46	51	47	40	33	25	25	50	40
75	66	42	44	42	33	25	19	23	47	37
50	65	37	39	35	23	16	19	23	43	33
Casing Radiated										
100	49	43	41	34	29	25	22	26	41	31
75	48	41	36	29	22	16	19	26	38	28
50	46	32	33	23	15	13	19	25	34	24

Briza-22 04 (120V) - BABC.05509522, BABW.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		
Inlet										
100	63	40	52	46	37	31	24	24	50	40
75	55	45	45	40	30	25	19	23	48	38
50	54	40	40	34	23	17	18	22	41	31
Discharge										
100	64	47	52	45	40	32	24	19	50	40
75	64	41	44	38	32	23	17	19	47	37
50	63	36	37	31	23	16	17	18	41	31
Casing Radiated										
100	55	42	39	34	29	29	27	27	39	29
75	53	37	36	30	23	21	22	27	38	28
50	52	33	33	23	15	14	23	26	34	24

Briza-22/26 06 (120V) - BABC.05512522, BABW.05512522, BBBC.05612526, BBBW.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		
Inlet										
100	59	53	61	57	50	43	36	24	55	45
75	59	50	55	52	43	36	23	21	52	42
50	58	43	50	44	36	26	21	21	47	37
Discharge										
100	64	55	60	57	52	46	36	24	55	45
75	63	48	53	50	44	36	28	24	53	43
50	63	44	47	44	35	28	20	23	46	36
Casing Radiated										
100	50	47	50	42	38	38	30	25	46	36
75	50	42	44	37	31	28	21	25	42	32
50	46	37	37	32	24	17	21	24	36	26

Briza-22/26 08 (120V) - BABC.05515522, BABW.05515522, BBBC.05615526, BBBW.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		
Inlet										
100	59	50	55	49	42	36	28	24	52	42
75	58	49	51	47	37	30	22	20	50	40

50	58	41	44	38	27	21	16	19	46	36
Discharge										
100	63	49	52	49	42	34	25	19	52	42
75	62	45	49	45	38	29	20	19	49	39
50	61	40	40	36	27	18	16	18	45	35
Casing Radiated										
100	52	41	43	39	33	28	24	26	43	33
75	50	41	41	36	28	23	19	25	41	31
50	49	37	34	27	18	15	18	25	36	26

Briza-22/26 10 (120V) - BABC.05519022, BABW.05519022, BBBC.05619026, BBBW.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	58	53	59	56	51	47	36	24	55	45
75	56	48	53	48	41	36	26	20	50	40
50	55	43	46	43	34	29	20	20	46	36
Discharge										
100	61	49	55	53	52	45	34	26	55	45
75	60	44	49	47	44	36	26	23	51	41
50	59	40	43	43	38	30	21	23	46	36
Casing Radiated										
100	50	45	50	46	42	32	22	25	47	37
75	45	39	45	40	35	25	18	23	44	34
50	43	39	41	34	29	19	17	21	41	31

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