



**HARTZELL FAN, INC.
SOUND INFORMATION
SERIES 03
SD-147**

06 September, 2011



Hartzell Fan, Inc. certifies that the Backward Curved Centrifugal Fans, Series 03 shown herein are licensed to bear the AMCA seal for air and sound. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

SOUND INFORMATION

SD-147

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
12-BC	12	0.00	1400	86	81	81	78	77	71	66	61	
12-BC	12	0.35	1400	84	80	80	77	75	68	64	60	
12-BC	12	0.66	1400	83	79	77	75	73	66	63	60	
12-BC	12	0.98	1400	89	82	77	74	72	66	64	62	
12-BC	12	1.14	1400	90	81	78	74	72	67	67	67	
12-BC	12	0.00	1500	88	83	82	80	79	73	68	63	
12-BC	12	0.40	1500	86	82	81	78	77	70	66	62	
12-BC	12	0.75	1500	85	81	78	76	75	68	65	62	
12-BC	12	1.13	1500	91	84	78	76	74	68	66	63	
12-BC	12	1.31	1500	93	83	79	76	74	69	68	68	
12-BC	12	0.00	1750	92	87	84	83	84	77	72	68	
12-BC	12	0.55	1750	90	86	84	81	82	75	70	66	
12-BC	12	1.03	1750	89	86	81	80	80	72	69	66	
12-BC	12	1.54	1750	95	90	81	79	79	72	70	67	
12-BC	12	1.78	1750	98	88	82	79	79	72	72	72	
12-BC	12	0.00	2000	96	91	88	87	86	81	76	71	
12-BC	12	0.72	2000	95	90	87	86	85	79	74	70	
12-BC	12	1.34	2000	93	89	85	84	83	77	73	69	
12-BC	12	2.01	2000	98	94	85	83	82	76	73	71	
12-BC	12	2.33	2000	101	93	86	83	82	76	75	75	
12-BC	12	0.00	2500	103	97	94	94	91	88	83	78	
12-BC	12	1.12	2500	103	96	92	93	89	86	80	76	
12-BC	12	2.10	2500	101	95	91	90	88	84	78	75	
12-BC	12	3.13	2500	103	100	93	90	87	83	79	76	
12-BC	12	3.63	2500	104	101	93	91	87	84	80	79	
12-BC	12	0.00	3000	109	103	98	97	95	94	88	83	
12-BC	12	1.61	3000	109	101	97	96	93	92	85	81	
12-BC	12	3.02	3000	107	100	96	93	91	90	83	80	
12-BC	12	4.51	3000	106	106	99	93	90	89	83	81	
12-BC	12	5.23	3000	107	108	98	94	91	89	84	83	
12-BC	12	0.00	3500	114	107	102	100	98	99	92	88	
12-BC	12	2.20	3500	114	106	101	99	96	97	90	86	
12-BC	12	4.11	3500	112	104	100	96	94	96	87	84	
12-BC	12	6.14	3500	110	111	105	96	94	94	87	85	
12-BC	12	7.12	3500	110	114	103	97	94	94	87	87	
12-BC	12	0.00	4000	116	111	106	103	102	101	97	91	
12-BC	12	2.87	4000	117	110	105	102	100	100	94	89	
12-BC	12	5.36	4000	114	109	104	100	98	98	92	88	
12-BC	12	8.02	4000	112	113	109	101	98	97	91	88	
12-BC	12	9.30	4000	112	116	108	101	98	97	91	90	
12-BC	12	0.00	4500	118	115	109	106	105	104	100	95	
12-BC	12	3.63	4500	119	114	108	105	104	102	98	93	
12-BC	12	6.79	4500	116	112	107	103	102	101	96	91	
12-BC	12	10.15	4500	114	116	112	105	102	99	95	91	
12-BC	12	11.77	4500	114	118	112	105	102	100	95	92	
12-BC	12	0.00	5000	120	118	112	109	109	106	103	98	
12-BC	12	4.48	5000	121	118	111	108	108	104	101	95	
12-BC	12	8.38	5000	118	116	110	106	105	103	99	94	
12-BC	12	12.54	5000	116	118	115	108	105	102	98	94	
12-BC	12	14.53	5000	116	119	116	108	106	102	99	95	
12-BC	12	0.00	5500	121	121	115	111	110	108	106	101	
12-BC	12	5.42	5500	122	121	114	110	109	106	104	98	
12-BC	12	10.14	5500	120	119	113	109	107	105	103	96	
12-BC	12	15.17	5500	117	120	118	111	107	104	101	96	
12-BC	12	17.58	5500	118	121	120	111	108	104	102	97	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
15-BC	12	0.00	1000	81	76	75	73	70	65	59	52	
15-BC	12	0.27	1000	80	74	73	71	68	62	56	49	
15-BC	12	0.54	1000	77	71	71	69	64	57	49	42	
15-BC	12	0.80	1000	73	68	67	65	61	54	48	42	
15-BC	12	0.00	1200	88	80	80	78	75	71	64	58	
15-BC	12	0.39	1200	86	78	77	76	74	68	61	55	
15-BC	12	0.77	1200	84	75	75	73	70	62	55	48	
15-BC	12	1.15	1200	80	72	72	69	67	59	53	47	
15-BC	12	0.00	1400	94	83	83	81	80	76	69	63	
15-BC	12	0.53	1400	92	82	80	79	78	73	66	60	
15-BC	12	1.05	1400	90	79	78	77	75	67	60	53	
15-BC	12	1.57	1400	86	75	75	73	72	64	58	52	
15-BC	12	0.00	1600	97	88	86	85	83	79	73	67	
15-BC	12	0.69	1600	96	87	83	83	81	77	70	64	
15-BC	12	1.37	1600	90	92	89	86	85	84	74	70	
15-BC	12	2.05	1600	89	80	78	77	75	68	62	56	
15-BC	12	0.00	1800	101	93	88	88	86	83	77	70	
15-BC	12	0.87	1800	99	91	86	85	84	80	74	68	
15-BC	12	1.73	1800	95	88	84	83	81	76	68	61	
15-BC	12	2.59	1800	93	85	80	80	78	72	66	59	
15-BC	12	0.00	2000	103	97	91	90	88	86	80	74	
15-BC	12	1.07	2000	102	95	88	88	86	83	77	71	
15-BC	12	2.14	2000	98	92	86	86	84	79	72	64	
15-BC	12	3.20	2000	96	88	83	82	80	76	69	63	
15-BC	12	0.00	2400	109	103	95	95	93	91	86	79	
15-BC	12	1.55	2400	107	102	93	92	91	89	83	76	
15-BC	12	3.08	2400	102	99	90	90	88	85	77	70	
15-BC	12	4.61	2400	101	95	86	87	84	82	74	69	
15-BC	12	0.00	2800	113	109	98	98	96	95	91	84	
15-BC	12	2.11	2800	111	107	97	95	94	93	88	81	
15-BC	12	4.20	2800	106	105	94	94	92	90	82	75	
15-BC	12	6.28	2800	105	101	90	90	88	87	79	73	
15-BC	12	0.00	3000	114	111	101	99	98	96	93	86	
15-BC	12	2.42	3000	112	109	99	97	96	95	90	83	
15-BC	12	4.82	3000	107	106	96	95	94	92	85	77	
15-BC	12	7.20	3000	107	103	93	91	90	88	81	75	
15-BC	12	0.00	3200	115	112	103	101	100	98	95	88	
15-BC	12	2.75	3200	113	111	101	98	98	96	92	85	
15-BC	12	5.48	3200	108	108	99	96	95	93	87	79	
15-BC	12	8.20	3200	108	105	95	93	91	90	84	77	
15-BC	12	0.00	3600	117	116	108	103	102	101	98	92	
15-BC	12	3.48	3600	115	114	106	101	100	99	95	89	
15-BC	12	6.93	3600	110	111	103	99	98	96	91	83	
15-BC	12	10.38	3600	110	108	99	95	94	93	87	81	
15-BC	12	0.00	3800	118	117	110	105	104	102	99	94	
15-BC	12	3.88	3800	116	116	108	102	102	100	97	91	
15-BC	12	7.73	3800	111	112	105	100	99	98	93	85	
15-BC	12	11.56	3800	111	110	101	97	96	94	89	82	
15-BC	12	0.00	4000	119	119	111	106	105	103	101	95	
15-BC	12	4.30	4000	117	117	110	104	103	102	98	92	
15-BC	12	8.56	4000	112	113	107	101	101	99	94	87	
15-BC	12	12.81	4000	112	111	103	98	97	95	91	84	
15-BC	12	0.00	4275	120	120	114	107	107	105	102	98	
15-BC	12	4.91	4275	118	119	112	105	104	103	100	94	
15-BC	12	9.78	4275	113	115	110	103	102	100	97	89	
15-BC	12	14.63	4275	113	113	106	99	99	97	93	86	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

SOUND INFORMATION

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MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
18-BC	12	0.00	800	80	79	76	74	71	63	58	53	
18-BC	12	0.21	800	79	77	74	73	69	62	58	54	
18-BC	12	0.42	800	77	77	72	71	68	59	57	54	
18-BC	12	0.64	800	75	75	70	70	67	59	56	53	
18-BC	12	0.84	800	79	79	71	70	66	58	53	47	
18-BC	12	0.00	1000	86	84	82	80	78	71	65	59	
18-BC	12	0.33	1000	85	82	80	78	76	68	64	60	
18-BC	12	0.65	1000	83	81	79	77	75	66	62	60	
18-BC	12	1.00	1000	80	79	77	75	73	66	62	59	
18-BC	12	1.32	1000	85	83	79	75	72	65	59	54	
18-BC	12	0.00	1400	95	92	92	88	86	82	75	69	
18-BC	12	0.65	1400	95	91	90	86	85	80	73	69	
18-BC	12	1.28	1400	92	89	89	84	83	78	71	68	
18-BC	12	1.96	1400	89	87	88	83	82	77	71	68	
18-BC	12	2.58	1400	95	91	92	83	81	76	69	64	
18-BC	12	0.00	1600	99	95	94	91	89	86	78	73	
18-BC	12	0.85	1600	99	94	92	89	88	85	77	73	
18-BC	12	1.67	1600	95	92	92	87	86	83	74	72	
18-BC	12	2.56	1600	92	90	90	85	85	82	74	71	
18-BC	12	3.37	1600	99	94	94	86	84	81	73	68	
18-BC	12	0.00	1800	102	98	97	94	92	90	82	77	
18-BC	12	1.08	1800	102	97	94	92	91	88	80	76	
18-BC	12	2.11	1800	98	95	94	90	89	87	78	75	
18-BC	12	3.23	1800	95	93	92	88	88	86	77	74	
18-BC	12	4.26	1800	103	97	96	89	87	85	77	71	
18-BC	12	0.00	2000	104	101	99	97	95	93	86	80	
18-BC	12	1.33	2000	104	100	97	95	93	91	84	79	
18-BC	12	2.61	2000	100	98	96	94	92	90	81	77	
18-BC	12	3.99	2000	97	95	94	92	90	88	81	77	
18-BC	12	5.26	2000	104	100	98	94	90	87	80	74	
18-BC	12	0.00	2400	107	106	103	104	99	97	92	85	
18-BC	12	1.91	2400	107	106	102	102	97	96	90	84	
18-BC	12	3.76	2400	103	103	100	101	96	94	88	82	
18-BC	12	5.75	2400	100	100	98	99	94	93	87	82	
18-BC	12	7.58	2400	108	106	102	103	94	92	86	80	
18-BC	12	0.00	2600	108	108	105	106	101	99	94	87	
18-BC	12	2.25	2600	108	108	104	104	99	98	92	86	
18-BC	12	4.41	2600	105	105	102	103	98	96	91	84	
18-BC	12	6.75	2600	101	102	100	101	96	95	90	84	
18-BC	12	8.89	2600	109	108	104	105	96	94	89	82	
18-BC	12	0.00	3000	111	112	109	108	104	103	99	92	
18-BC	12	2.99	3000	111	112	107	106	102	102	97	90	
18-BC	12	5.87	3000	107	109	105	106	101	100	96	88	
18-BC	12	8.98	3000	104	106	103	104	99	99	95	87	
18-BC	12	11.84	3000	111	112	107	108	100	98	94	86	
18-BC	12	0.00	3200	112	114	110	110	106	105	101	93	
18-BC	12	3.40	3200	112	114	109	107	104	103	100	92	
18-BC	12	6.68	3200	108	110	107	107	102	101	98	89	
18-BC	12	10.22	3200	105	107	105	105	100	100	97	89	
18-BC	12	13.47	3200	113	114	109	109	101	100	96	88	
18-BC	12	0.00	3495	113	116	112	111	108	107	104	96	
18-BC	12	4.06	3495	113	116	111	109	106	105	103	94	
18-BC	12	7.97	3495	110	113	109	108	104	104	101	92	
18-BC	12	12.19	3495	107	110	107	106	102	103	100	91	
18-BC	12	16.07	3495	114	117	111	110	103	102	99	91	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
22-BC	12	0.00	600	80	80	75	73	68	61	56	50	
22-BC	12	0.17	600	78	78	74	72	66	60	56	52	
22-BC	12	0.33	600	77	77	72	70	64	58	55	53	
22-BC	12	0.51	600	75	75	71	69	63	58	55	52	
22-BC	12	0.67	600	78	78	70	68	62	56	51	47	
22-BC	12	0.00	800	86	86	82	81	77	70	64	59	
22-BC	12	0.30	800	85	84	80	79	76	68	64	60	
22-BC	12	0.59	800	83	83	79	78	74	66	63	60	
22-BC	12	0.90	800	81	81	77	77	73	65	62	60	
22-BC	12	1.19	800	84	84	77	76	72	64	60	55	
22-BC	12	0.00	1000	92	90	88	86	84	77	71	65	
22-BC	12	0.47	1000	91	88	86	85	82	75	70	66	
22-BC	12	0.92	1000	89	87	85	83	81	73	69	66	
22-BC	12	1.41	1000	87	86	84	82	80	72	68	65	
22-BC	12	1.86	1000	90	89	85	81	79	71	66	61	
22-BC	12	0.00	1200	97	95	95	90	88	83	76	71	
22-BC	12	0.68	1200	97	93	93	89	87	81	75	71	
22-BC	12	1.33	1200	94	92	92	87	85	79	73	70	
22-BC	12	2.03	1200	91	90	90	86	84	78	73	70	
22-BC	12	2.68	1200	95	93	93	85	83	77	71	66	
22-BC	12	0.00	1400	101	98	98	94	92	88	81	75	
22-BC	12	0.92	1400	101	97	96	92	91	86	79	75	
22-BC	12	1.81	1400	98	95	95	91	89	85	77	74	
22-BC	12	2.77	1400	95	93	94	89	88	83	77	74	
22-BC	12	3.65	1400	100	96	97	89	87	83	76	71	
22-BC	12	0.00	1600	105	102	101	97	96	93	85	79	
22-BC	12	1.20	1600	105	100	98	95	94	91	83	79	
22-BC	12	2.36	1600	102	98	98	94	93	89	81	78	
22-BC	12	3.61	1600	99	96	96	92	91	88	80	77	
22-BC	12	4.76	1600	104	99	99	92	91	87	79	75	
22-BC	12	0.00	1800	108	104	103	100	98	96	88	83	
22-BC	12	1.52	1800	108	103	101	98	97	95	86	82	
22-BC	12	2.99	1800	105	101	100	97	95	93	84	81	
22-BC	12	4.57	1800	102	99	98	95	94	92	83	80	
22-BC	12	6.03	1800	107	102	101	95	94	91	83	78	
22-BC	12	0.00	2000	110	107	105	103	101	99	92	86	
22-BC	12	1.88	2000	110	106	103	102	100	97	90	85	
22-BC	12	3.69	2000	107	104	102	100	98	96	88	84	
22-BC	12	5.65	2000	103	102	101	99	97	95	87	83	
22-BC	12	7.44	2000	109	105	104	100	96	94	86	81	
22-BC	12	0.00	2400	113	112	110	110	105	104	98	91	
22-BC	12	2.71	2400	113	112	108	108	104	102	96	90	
22-BC	12	5.32	2400	110	109	107	107	102	100	94	88	
22-BC	12	8.13	2400	107	106	105	105	101	99	93	88	
22-BC	12	10.72	2400	112	110	108	108	100	98	93	86	
22-BC	12	0.00	2600	114	114	111	112	107	105	101	93	
22-BC	12	3.18	2600	114	114	110	110	105	104	99	92	
22-BC	12	6.24	2600	111	111	108	109	104	102	97	90	
22-BC	12	9.54	2600	108	108	107	108	102	101	96	90	
22-BC	12	12.58	2600	113	113	109	111	102	101	95	88	
22-BC	12	0.00	2860	116	117	114	114	109	108	104	96	
22-BC	12	3.84	2860	116	117	112	112	107	106	102	95	
22-BC	12	7.55	2860	113	114	111	111	106	105	100	93	
22-BC	12	11.55	2860	110	111	109	109	104	104	99	92	
22-BC	12	15.22	2860	115	116	112	112	105	103	98	91	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

HARTZELL FAN, INC.

SERIES 03
SOUND INFORMATION SD-147

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
24-BC	12	0.01	500	77	77	78	76	71	67	62	58	
24-BC	12	0.15	500	77	78	76	74	69	64	60	56	
24-BC	12	0.31	500	75	77	76	73	67	64	62	60	
24-BC	12	0.47	500	74	75	74	71	64	61	58	55	
24-BC	12	0.59	500	77	76	74	71	64	60	56	52	
24-BC	12	0.01	700	86	84	85	84	81	76	72	67	
24-BC	12	0.30	700	85	85	84	83	79	73	69	66	
24-BC	12	0.60	700	83	83	84	82	78	72	70	68	
24-BC	12	0.92	700	83	82	82	80	75	70	67	64	
24-BC	12	1.16	700	86	84	83	80	75	69	65	61	
24-BC	12	0.02	900	93	90	90	91	88	83	79	74	
24-BC	12	0.49	900	91	89	90	89	87	80	76	72	
24-BC	12	0.99	900	89	88	90	88	86	79	76	74	
24-BC	12	1.52	900	89	87	88	87	83	76	73	70	
24-BC	12	1.92	900	92	90	89	87	83	76	72	68	
24-BC	12	0.03	1100	98	95	94	95	93	89	84	80	
24-BC	12	0.73	1100	95	94	95	94	92	87	82	78	
24-BC	12	1.48	1100	94	93	94	93	91	85	81	79	
24-BC	12	2.27	1100	94	92	92	92	88	83	78	75	
24-BC	12	2.86	1100	96	95	93	92	89	82	77	73	
24-BC	12	0.05	1300	102	99	97	99	97	94	89	85	
24-BC	12	1.02	1300	99	98	99	98	96	92	86	82	
24-BC	12	2.07	1300	98	96	97	97	95	90	85	83	
24-BC	12	3.17	1300	98	96	96	95	93	88	83	80	
24-BC	12	4.00	1300	99	99	97	96	93	88	82	78	
24-BC	12	0.07	1600	107	105	102	103	103	100	95	90	
24-BC	12	1.55	1600	104	103	102	103	101	98	92	88	
24-BC	12	3.14	1600	102	101	101	102	100	97	91	88	
24-BC	12	4.81	1600	103	101	100	100	99	94	88	85	
24-BC	12	6.06	1600	104	104	102	101	98	95	88	84	
24-BC	12	0.09	1800	109	108	105	105	106	103	98	94	
24-BC	12	1.96	1800	107	106	104	106	104	102	95	91	
24-BC	12	3.97	1800	105	104	103	105	103	101	94	91	
24-BC	12	6.09	1800	105	104	102	103	102	98	91	88	
24-BC	12	7.67	1800	106	107	105	104	102	98	91	87	
24-BC	12	0.11	2000	111	111	108	107	108	106	101	97	
24-BC	12	2.42	2000	109	108	107	108	107	104	99	94	
24-BC	12	4.90	2000	107	107	105	107	106	103	97	94	
24-BC	12	7.51	2000	107	106	104	105	104	101	95	91	
24-BC	12	9.47	2000	108	109	108	106	104	101	94	90	
24-BC	12	0.13	2200	113	113	110	109	110	108	104	99	
24-BC	12	2.93	2200	111	110	109	110	109	107	102	97	
24-BC	12	5.93	2200	109	109	107	109	108	106	100	96	
24-BC	12	9.09	2200	109	109	107	108	107	104	98	93	
24-BC	12	11.46	2200	109	111	110	108	107	104	98	92	
24-BC	12	0.16	2400	114	115	112	110	112	110	106	102	
24-BC	12	3.48	2400	112	113	111	112	111	109	104	99	
24-BC	12	7.06	2400	110	111	110	111	110	108	103	98	
24-BC	12	10.82	2400	110	111	109	110	109	106	100	96	
24-BC	12	13.64	2400	111	113	112	110	109	106	100	95	
24-BC	12	0.18	2570	116	117	114	112	113	112	108	104	
24-BC	12	3.99	2570	113	114	113	113	112	111	106	101	
24-BC	12	8.09	2570	111	112	111	112	112	110	105	100	
24-BC	12	12.41	2570	111	112	111	111	110	108	103	98	
24-BC	12	15.64	2570	112	114	114	111	111	108	103	97	

The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA Standard 301. Values shown are for outlet L_w sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

SOUND INFORMATION

SD-147

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
27-BC	12	0.01	500	81	81	81	79	74	70	66	62	
27-BC	12	0.19	500	80	81	80	78	72	68	64	60	
27-BC	12	0.39	500	79	81	79	77	70	67	65	63	
27-BC	12	0.59	500	78	79	78	74	68	64	61	58	
27-BC	12	0.75	500	81	80	78	75	68	63	59	55	
27-BC	12	0.02	700	90	87	88	88	84	79	75	71	
27-BC	12	0.37	700	88	88	88	86	83	77	73	69	
27-BC	12	0.76	700	87	87	87	85	81	76	74	71	
27-BC	12	1.17	700	86	86	85	84	78	73	70	67	
27-BC	12	1.47	700	90	87	86	84	79	72	68	64	
27-BC	12	0.03	900	96	93	94	94	91	86	82	78	
27-BC	12	0.62	900	94	93	94	93	90	84	80	76	
27-BC	12	1.26	900	92	91	93	92	89	82	80	78	
27-BC	12	1.93	900	92	90	91	90	86	80	77	74	
27-BC	12	2.43	900	96	94	93	90	87	79	75	71	
27-BC	12	0.04	1100	101	99	97	99	97	92	88	84	
27-BC	12	0.93	1100	99	98	98	97	95	90	85	81	
27-BC	12	1.88	1100	97	96	97	97	94	88	85	83	
27-BC	12	2.88	1100	97	95	96	95	92	86	82	79	
27-BC	12	3.63	1100	100	99	97	95	92	86	81	77	
27-BC	12	0.06	1300	105	103	100	102	101	97	92	88	
27-BC	12	1.29	1300	103	102	102	101	99	95	90	86	
27-BC	12	2.62	1300	101	100	100	101	98	94	89	87	
27-BC	12	4.02	1300	101	99	100	99	96	91	86	83	
27-BC	12	5.06	1300	103	103	100	100	97	91	85	81	
27-BC	12	0.07	1450	108	106	103	104	104	100	96	91	
27-BC	12	1.61	1450	105	104	104	104	102	99	93	89	
27-BC	12	3.26	1450	104	103	102	103	101	97	92	89	
27-BC	12	5.00	1450	104	102	102	101	99	95	89	86	
27-BC	12	6.30	1450	105	106	103	102	99	95	88	84	
27-BC	12	0.09	1600	110	108	105	106	106	103	98	94	
27-BC	12	1.96	1600	108	106	106	106	105	102	96	92	
27-BC	12	3.97	1600	106	105	104	106	104	101	94	92	
27-BC	12	6.09	1600	106	105	103	104	102	98	92	89	
27-BC	12	7.67	1600	107	108	105	105	102	98	91	87	
27-BC	12	0.11	1750	112	111	108	108	109	106	101	96	
27-BC	12	2.34	1750	110	108	107	108	107	105	98	94	
27-BC	12	4.75	1750	108	107	106	108	106	103	96	94	
27-BC	12	7.28	1750	108	107	105	106	105	101	94	91	
27-BC	12	9.18	1750	109	110	108	107	104	101	94	90	
27-BC	12	0.11	1800	113	111	108	109	109	106	102	97	
27-BC	12	2.48	1800	111	109	108	109	107	105	99	95	
27-BC	12	5.02	1800	109	108	106	109	107	104	97	95	
27-BC	12	7.70	1800	109	107	105	106	105	101	95	92	
27-BC	12	9.71	1800	109	111	109	108	105	102	95	90	
27-BC	12	0.14	2000	115	114	111	111	111	109	105	100	
27-BC	12	3.06	2000	112	112	110	111	110	108	102	98	
27-BC	12	6.20	2000	110	110	109	111	109	107	100	97	
27-BC	12	9.51	2000	111	110	108	109	108	104	98	94	
27-BC	12	11.98	2000	111	113	111	110	108	105	98	93	
27-BC	12	0.18	2290	117	117	115	113	114	113	108	104	
27-BC	12	4.01	2290	115	115	113	114	113	111	106	101	
27-BC	12	8.13	2290	113	113	112	113	113	110	105	101	
27-BC	12	12.47	2290	113	113	111	112	111	108	102	98	
27-BC	12	15.71	2290	114	116	115	112	111	108	102	97	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
30-BC	12	0.01	400	78	79	79	75	71	66	62	58	
30-BC	12	0.15	400	78	79	77	74	68	64	60	56	
30-BC	12	0.31	400	76	78	76	73	66	64	62	60	
30-BC	12	0.47	400	76	76	74	70	64	61	57	54	
30-BC	12	0.59	400	79	78	74	71	63	59	55	51	
30-BC	12	0.02	700	92	90	91	90	87	82	78	73	
30-BC	12	0.46	700	91	91	90	89	85	79	75	71	
30-BC	12	0.94	700	89	89	90	88	83	78	76	74	
30-BC	12	1.44	700	89	88	88	86	81	75	72	69	
30-BC	12	1.81	700	93	90	89	86	81	75	71	66	
30-BC	12	0.03	900	99	96	96	97	94	89	85	80	
30-BC	12	0.76	900	96	95	96	95	93	86	82	78	
30-BC	12	1.55	900	95	94	96	94	92	84	82	80	
30-BC	12	2.38	900	95	93	93	93	88	82	79	75	
30-BC	12	3.00	900	99	97	96	93	90	82	78	73	
30-BC	12	0.05	1100	104	101	100	101	99	95	90	86	
30-BC	12	1.14	1100	101	100	101	100	98	92	88	84	
30-BC	12	2.32	1100	100	98	100	99	97	91	87	85	
30-BC	12	3.55	1100	100	98	98	97	94	88	84	81	
30-BC	12	4.48	1100	103	102	99	98	95	89	83	79	
30-BC	12	0.07	1300	108	105	103	105	103	100	95	91	
30-BC	12	1.60	1300	105	104	105	104	102	98	92	88	
30-BC	12	3.24	1300	103	102	103	103	101	96	91	89	
30-BC	12	4.96	1300	104	102	102	101	99	93	88	85	
30-BC	12	6.25	1300	106	106	103	102	99	94	88	84	
30-BC	12	0.09	1450	110	108	105	107	106	103	98	94	
30-BC	12	1.99	1450	108	106	107	106	105	101	95	91	
30-BC	12	4.02	1450	106	105	105	106	104	100	94	92	
30-BC	12	6.17	1450	106	105	104	104	102	97	91	88	
30-BC	12	7.78	1450	108	109	106	105	102	98	91	87	
30-BC	12	0.11	1600	113	111	108	109	109	106	101	96	
30-BC	12	2.42	1600	110	109	108	109	107	104	98	94	
30-BC	12	4.90	1600	108	107	106	108	106	103	96	94	
30-BC	12	7.51	1600	109	107	106	106	105	100	94	91	
30-BC	12	9.47	1600	110	111	109	108	104	101	94	89	
30-BC	12	0.13	1750	115	113	110	111	111	108	103	99	
30-BC	12	2.89	1750	112	111	110	111	109	107	100	96	
30-BC	12	5.86	1750	110	109	108	110	108	106	99	97	
30-BC	12	8.99	1750	111	109	107	108	107	103	96	93	
30-BC	12	11.33	1750	112	114	111	110	107	104	96	92	
30-BC	12	0.14	1800	115	114	111	111	112	109	104	100	
30-BC	12	3.06	1800	113	111	110	112	110	108	101	97	
30-BC	12	6.20	1800	111	110	109	111	109	107	99	97	
30-BC	12	9.51	1800	111	110	108	109	108	104	97	94	
30-BC	12	11.98	1800	112	114	112	111	108	105	97	93	
30-BC	12	0.17	2000	117	117	114	113	114	112	107	103	
30-BC	12	3.78	2000	115	114	113	114	112	110	105	100	
30-BC	12	7.66	2000	113	112	111	113	112	109	103	100	
30-BC	12	11.74	2000	113	113	110	111	110	107	100	97	
30-BC	12	14.80	2000	114	116	115	113	110	107	100	96	
30-BC	12	0.19	2110	118	118	115	114	115	113	109	104	
30-BC	12	4.20	2110	116	115	114	115	114	112	106	102	
30-BC	12	8.52	2110	114	114	112	114	113	111	105	101	
30-BC	12	13.07	2110	114	114	112	112	111	108	102	98	
30-BC	12	16.47	2110	115	117	116	114	112	109	102	97	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w_o} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
33-BC	12	0.03	400	80	79	76	73	69	64	59	54	
33-BC	12	0.18	400	81	79	75	72	67	63	59	55	
33-BC	12	0.39	400	77	75	72	69	64	60	56	53	
33-BC	12	0.50	400	73	72	70	67	62	58	55	52	
33-BC	12	0.69	400	73	72	69	66	64	60	53	46	
33-BC	12	0.06	600	89	89	86	84	81	76	71	66	
33-BC	12	0.41	600	89	91	85	83	79	74	70	66	
33-BC	12	0.88	600	85	87	82	80	76	71	67	64	
33-BC	12	1.11	600	83	82	79	78	74	68	65	63	
33-BC	12	1.55	600	82	82	80	76	74	73	66	59	
33-BC	12	0.11	800	95	95	94	91	88	84	79	74	
33-BC	12	0.73	800	95	96	94	90	87	82	78	74	
33-BC	12	1.56	800	91	93	90	87	84	79	75	71	
33-BC	12	1.98	800	90	88	87	85	82	77	73	70	
33-BC	12	2.75	800	89	88	87	84	81	79	75	68	
33-BC	12	0.17	1000	100	100	100	97	94	91	86	81	
33-BC	12	1.14	1000	99	101	100	95	93	89	84	80	
33-BC	12	2.44	1000	96	97	97	92	90	86	81	77	
33-BC	12	3.10	1000	95	93	92	90	88	83	78	76	
33-BC	12	4.30	1000	94	93	92	90	87	85	82	75	
33-BC	12	0.24	1200	104	104	104	102	99	96	91	86	
33-BC	12	1.65	1200	103	104	106	100	98	94	89	85	
33-BC	12	3.51	1200	100	101	102	97	95	91	86	82	
33-BC	12	4.46	1200	99	98	97	95	93	89	83	80	
33-BC	12	6.20	1200	98	97	97	95	91	89	88	81	
33-BC	12	0.26	1250	105	105	105	103	100	97	92	87	
33-BC	12	1.79	1250	103	105	106	101	99	95	90	86	
33-BC	12	3.81	1250	100	101	103	98	96	92	87	83	
33-BC	12	4.84	1250	100	99	97	96	94	90	84	81	
33-BC	12	6.72	1250	99	98	97	96	92	90	89	82	
33-BC	12	0.28	1300	105	105	106	104	101	98	93	88	
33-BC	12	1.93	1300	104	106	107	102	100	96	91	87	
33-BC	12	4.12	1300	101	102	103	99	97	93	88	84	
33-BC	12	5.23	1300	101	100	98	97	95	91	86	82	
33-BC	12	7.27	1300	100	99	98	97	93	91	90	84	
33-BC	12	0.30	1350	106	106	107	105	102	99	94	89	
33-BC	12	2.09	1350	105	106	108	103	100	97	92	88	
33-BC	12	4.44	1350	102	103	104	101	98	94	89	85	
33-BC	12	5.64	1350	101	101	99	98	96	92	87	83	
33-BC	12	7.84	1350	100	100	99	98	94	92	91	85	
33-BC	12	0.33	1410	107	107	108	106	103	100	96	91	
33-BC	12	2.28	1410	105	107	109	105	101	99	94	89	
33-BC	12	4.84	1410	103	104	105	102	99	95	91	87	
33-BC	12	6.15	1410	102	102	100	99	97	93	88	85	
33-BC	12	8.55	1410	101	101	100	99	96	93	92	86	
33-BC	12	0.40	1550	108	109	110	108	105	103	98	93	
33-BC	12	2.75	1550	107	109	111	108	104	101	97	92	
33-BC	12	5.85	1550	104	106	107	105	101	98	93	89	
33-BC	12	7.44	1550	104	104	102	101	99	96	91	87	
33-BC	12	10.34	1550	103	103	102	101	98	95	94	89	
33-BC	12	0.48	1700	110	111	111	111	108	105	101	96	
33-BC	12	3.31	1700	109	111	112	110	106	104	99	95	
33-BC	12	7.04	1700	106	108	109	107	103	100	96	92	
33-BC	12	8.95	1700	105	106	104	103	101	98	94	89	
33-BC	12	12.43	1700	104	105	104	103	101	98	96	92	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
36-BC	12	0.03	400	83	82	79	76	72	67	62	56	
36-BC	12	0.22	400	84	81	77	75	70	65	62	58	
36-BC	12	0.46	400	80	78	74	71	67	62	59	56	
36-BC	12	0.59	400	76	74	72	69	64	60	58	55	
36-BC	12	0.82	400	75	75	72	69	67	63	56	49	
36-BC	12	0.07	600	91	92	89	86	84	79	73	68	
36-BC	12	0.49	600	92	93	87	85	82	77	73	69	
36-BC	12	1.04	600	88	90	85	82	79	73	70	66	
36-BC	12	1.33	600	85	84	82	81	76	71	68	65	
36-BC	12	1.84	600	84	84	82	79	76	75	69	62	
36-BC	12	0.13	800	98	98	97	94	91	87	82	77	
36-BC	12	0.87	800	97	99	96	92	89	85	80	77	
36-BC	12	1.86	800	94	95	93	89	86	82	77	74	
36-BC	12	2.36	800	92	91	89	87	84	79	75	73	
36-BC	12	3.28	800	91	90	89	87	84	82	78	71	
36-BC	12	0.20	1000	103	103	102	100	97	94	88	83	
36-BC	12	1.36	1000	102	103	103	98	95	92	87	83	
36-BC	12	2.90	1000	99	100	99	95	92	88	83	80	
36-BC	12	3.68	1000	98	96	95	93	91	86	81	78	
36-BC	12	5.12	1000	97	95	95	93	89	87	85	78	
36-BC	12	0.29	1200	106	106	107	104	101	99	94	88	
36-BC	12	1.96	1200	105	107	108	102	100	97	92	88	
36-BC	12	4.18	1200	102	103	104	100	97	94	88	85	
36-BC	12	5.30	1200	102	100	99	97	95	91	86	83	
36-BC	12	7.37	1200	101	99	99	98	94	91	90	84	
36-BC	12	0.31	1250	107	107	108	105	102	100	95	90	
36-BC	12	2.13	1250	106	108	109	104	101	98	93	89	
36-BC	12	4.53	1250	103	104	105	101	98	95	90	86	
36-BC	12	5.76	1250	103	101	100	98	96	93	87	84	
36-BC	12	8.00	1250	102	100	100	99	95	92	91	85	
36-BC	12	0.34	1300	108	108	109	106	103	101	96	91	
36-BC	12	2.30	1300	107	108	110	105	102	99	94	90	
36-BC	12	4.90	1300	104	105	106	102	99	96	91	87	
36-BC	12	6.23	1300	103	102	101	99	97	94	88	85	
36-BC	12	8.65	1300	102	101	101	100	96	93	92	86	
36-BC	12	0.36	1350	109	109	109	107	104	102	97	92	
36-BC	12	2.48	1350	107	109	111	106	103	100	95	91	
36-BC	12	5.29	1350	104	106	107	103	100	97	92	88	
36-BC	12	6.71	1350	104	103	102	100	98	95	89	86	
36-BC	12	9.33	1350	103	102	102	100	97	94	93	87	
36-BC	12	0.39	1410	109	110	110	108	106	103	98	93	
36-BC	12	2.71	1410	108	110	111	107	104	101	96	92	
36-BC	12	5.77	1410	105	107	108	104	101	98	93	89	
36-BC	12	7.32	1410	105	104	103	101	99	96	91	87	
36-BC	12	10.18	1410	104	103	103	102	98	96	94	89	
36-BC	12	0.48	1550	111	112	112	111	108	105	101	96	
36-BC	12	3.27	1550	110	112	113	110	106	104	99	95	
36-BC	12	6.97	1550	107	109	109	107	104	101	96	92	
36-BC	12	8.85	1550	106	107	105	104	102	99	93	90	
36-BC	12	12.30	1550	106	106	105	104	101	98	96	92	
36-BC	12	0.57	1700	113	114	114	113	110	108	104	99	
36-BC	12	3.94	1700	111	114	115	113	109	106	102	97	
36-BC	12	8.38	1700	108	110	111	110	106	103	99	94	
36-BC	12	10.65	1700	108	109	107	106	104	101	96	92	
36-BC	12	14.80	1700	107	108	107	106	103	100	99	95	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
40-BC	12	0.02	300	80	78	75	72	67	62	57	51	
40-BC	12	0.15	300	82	76	74	70	65	61	57	53	
40-BC	12	0.33	300	78	73	70	67	62	58	55	51	
40-BC	12	0.41	300	73	71	69	65	59	56	54	51	
40-BC	12	0.58	300	73	71	67	65	64	57	50	43	
40-BC	12	0.09	600	95	96	93	90	87	82	77	72	
40-BC	12	0.61	600	95	97	91	89	85	80	76	72	
40-BC	12	1.31	600	91	93	88	86	82	77	73	70	
40-BC	12	1.66	600	89	88	86	84	80	74	71	69	
40-BC	12	2.30	600	88	88	86	82	80	79	72	65	
40-BC	12	0.14	750	100	100	98	96	93	89	83	78	
40-BC	12	0.96	750	99	101	98	94	91	87	82	78	
40-BC	12	2.04	750	96	97	94	91	88	83	79	76	
40-BC	12	2.59	750	94	93	91	89	86	81	77	74	
40-BC	12	3.60	750	93	92	91	88	85	84	79	72	
40-BC	12	0.16	800	101	101	100	97	94	90	85	80	
40-BC	12	1.09	800	101	102	100	96	93	88	84	80	
40-BC	12	2.32	800	97	99	96	93	90	85	81	77	
40-BC	12	2.95	800	96	94	93	91	88	83	79	76	
40-BC	12	4.10	800	95	94	93	90	87	85	81	74	
40-BC	12	0.25	1000	106	106	106	103	100	97	92	87	
40-BC	12	1.70	1000	105	107	106	101	99	95	90	86	
40-BC	12	3.63	1000	102	103	103	98	96	92	87	83	
40-BC	12	4.60	1000	101	99	98	96	94	89	84	82	
40-BC	12	6.40	1000	100	99	98	96	93	91	88	81	
40-BC	12	0.36	1200	110	110	110	108	105	102	97	92	
40-BC	12	2.45	1200	109	110	112	106	104	100	95	91	
40-BC	12	5.22	1200	106	107	108	103	101	97	92	88	
40-BC	12	6.63	1200	105	104	103	101	99	95	89	86	
40-BC	12	9.22	1200	104	103	103	101	97	95	94	87	
40-BC	12	0.39	1250	111	111	111	109	106	103	98	93	
40-BC	12	2.66	1250	109	111	112	107	105	101	96	92	
40-BC	12	5.66	1250	106	107	109	104	102	98	93	89	
40-BC	12	7.20	1250	106	105	103	102	100	96	90	87	
40-BC	12	10.00	1250	105	104	103	102	98	96	95	88	
40-BC	12	0.42	1300	111	111	112	110	107	104	99	94	
40-BC	12	2.88	1300	110	112	113	108	106	102	97	93	
40-BC	12	6.13	1300	107	108	109	105	103	99	94	90	
40-BC	12	7.78	1300	107	106	104	103	101	97	92	88	
40-BC	12	10.82	1300	106	105	104	103	99	97	96	90	
40-BC	12	0.45	1350	112	112	113	111	108	105	100	95	
40-BC	12	3.10	1350	111	112	114	109	106	103	98	94	
40-BC	12	6.61	1350	108	109	110	107	104	100	95	91	
40-BC	12	8.39	1350	107	107	105	104	102	98	93	89	
40-BC	12	11.67	1350	107	106	105	104	100	98	97	91	
40-BC	12	0.49	1410	113	113	114	112	109	106	102	97	
40-BC	12	3.39	1410	111	113	115	111	108	105	100	95	
40-BC	12	7.21	1410	109	110	111	108	105	101	97	93	
40-BC	12	9.15	1410	108	108	106	105	103	99	94	91	
40-BC	12	12.73	1410	107	107	106	105	102	99	98	92	
40-BC	12	0.60	1560	114	115	116	114	112	109	105	100	
40-BC	12	4.15	1560	113	115	117	114	110	107	103	98	
40-BC	12	8.82	1560	110	112	113	111	107	104	100	95	
40-BC	12	11.21	1560	110	110	108	107	105	102	97	93	
40-BC	12	15.58	1560	109	109	108	107	104	101	100	95	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

SOUND INFORMATION

SD-147

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
44-BC	12	0.03	300	84	81	78	75	70	65	60	54	
44-BC	12	0.19	300	85	79	77	73	68	64	60	56	
44-BC	12	0.40	300	81	76	74	70	65	61	58	54	
44-BC	12	0.51	300	76	74	72	68	62	59	57	54	
44-BC	12	0.70	300	76	74	70	68	67	60	53	46	
44-BC	12	0.06	450	92	91	88	86	82	77	71	66	
44-BC	12	0.42	450	93	91	87	84	80	75	71	67	
44-BC	12	0.90	450	89	88	84	81	77	72	69	65	
44-BC	12	1.14	450	85	84	82	79	74	70	67	64	
44-BC	12	1.58	450	84	84	81	78	76	73	66	59	
44-BC	12	0.11	600	98	99	96	93	90	85	80	75	
44-BC	12	0.75	600	98	100	94	92	88	83	79	75	
44-BC	12	1.60	600	95	96	91	89	85	80	76	73	
44-BC	12	2.03	600	92	91	89	87	83	77	74	72	
44-BC	12	2.82	600	91	91	89	85	83	82	75	68	
44-BC	12	0.17	750	103	103	101	99	96	92	86	81	
44-BC	12	1.17	750	103	104	101	97	94	90	85	81	
44-BC	12	2.49	750	99	100	98	94	91	86	82	79	
44-BC	12	3.17	750	97	96	94	92	89	84	80	77	
44-BC	12	4.40	750	96	95	94	91	88	87	82	75	
44-BC	12	0.19	800	104	104	103	100	97	93	88	83	
44-BC	12	1.33	800	104	105	103	99	96	91	87	83	
44-BC	12	2.84	800	101	102	99	96	93	88	84	80	
44-BC	12	3.60	800	99	97	96	94	91	86	82	79	
44-BC	12	5.01	800	98	97	96	93	90	89	84	77	
44-BC	12	0.30	1000	109	109	109	106	103	100	95	90	
44-BC	12	2.08	1000	108	110	110	104	102	98	93	89	
44-BC	12	4.43	1000	105	106	106	101	99	95	90	86	
44-BC	12	5.63	1000	104	102	101	99	97	92	88	85	
44-BC	12	7.82	1000	103	102	101	99	96	94	91	84	
44-BC	12	0.44	1200	113	113	114	111	108	105	100	95	
44-BC	12	3.00	1200	112	113	115	109	107	103	98	94	
44-BC	12	6.38	1200	109	110	111	106	104	100	95	91	
44-BC	12	8.11	1200	108	107	106	104	102	98	92	89	
44-BC	12	11.27	1200	108	106	106	104	100	98	97	90	
44-BC	12	0.47	1250	114	114	114	112	109	106	101	96	
44-BC	12	3.25	1250	112	114	116	110	108	104	99	95	
44-BC	12	6.92	1250	110	111	112	107	105	101	96	92	
44-BC	12	8.79	1250	109	108	106	105	103	99	94	91	
44-BC	12	12.22	1250	108	107	106	105	101	99	98	91	
44-BC	12	0.51	1300	114	115	115	113	110	107	102	97	
44-BC	12	3.52	1300	113	115	116	111	109	105	100	96	
44-BC	12	7.49	1300	110	111	112	108	106	102	97	93	
44-BC	12	9.51	1300	110	109	107	106	104	100	95	92	
44-BC	12	13.22	1300	109	108	107	106	102	100	99	93	
44-BC	12	0.55	1350	115	115	116	114	111	108	104	98	
44-BC	12	3.79	1350	114	116	117	112	110	107	102	97	
44-BC	12	8.08	1350	111	112	113	110	107	103	98	94	
44-BC	12	10.26	1350	110	110	108	107	105	101	96	93	
44-BC	12	14.26	1350	110	109	108	107	103	101	100	94	
44-BC	12	0.60	1410	116	116	117	115	112	109	105	100	
44-BC	12	4.14	1410	115	116	118	114	111	108	103	99	
44-BC	12	8.81	1410	112	113	114	111	108	104	100	96	
44-BC	12	11.19	1410	111	111	109	108	106	102	97	94	
44-BC	12	15.55	1410	110	110	109	108	105	102	101	95	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#	BL	SP	RPM	SOUND POWER LEVEL BY OCTAVE BAND							
					1	2	3	4	5	6	7	8
49-BC	12	0.03	300	86	84	81	78	73	68	63	57	
49-BC	12	0.23	300	88	82	80	76	71	67	63	59	
49-BC	12	0.48	300	84	79	77	73	68	64	61	57	
49-BC	12	0.61	300	79	77	75	71	65	62	60	57	
49-BC	12	0.85	300	79	77	73	71	70	63	56	49	
49-BC	12	0.06	400	92	91	88	85	81	76	71	66	
49-BC	12	0.40	400	93	91	87	84	79	75	71	67	
49-BC	12	0.86	400	89	87	84	81	76	72	68	65	
49-BC	12	1.09	400	85	84	82	79	74	70	67	64	
49-BC	12	1.52	400	85	84	81	78	76	72	65	58	
49-BC	12	0.09	500	97	97	94	91	88	83	77	72	
49-BC	12	0.63	500	98	98	92	90	86	81	77	73	
49-BC	12	1.34	500	94	94	89	87	83	78	74	71	
49-BC	12	1.71	500	90	89	87	85	80	75	73	70	
49-BC	12	2.37	500	90	89	87	84	81	79	72	65	
49-BC	12	0.13	600	101	102	98	96	93	88	83	78	
49-BC	12	0.91	600	101	103	97	95	91	86	82	78	
49-BC	12	1.93	600	98	99	94	92	88	83	79	76	
49-BC	12	2.46	600	95	94	91	90	86	80	77	75	
49-BC	12	3.42	600	94	94	92	88	86	85	78	71	
49-BC	12	0.21	750	106	106	104	102	99	94	89	84	
49-BC	12	1.42	750	105	107	104	100	97	93	88	84	
49-BC	12	3.02	750	102	103	100	97	94	89	85	82	
49-BC	12	3.84	750	100	99	97	95	92	87	83	80	
49-BC	12	5.34	750	99	98	97	94	91	90	85	78	
49-BC	12	0.24	800	107	107	106	103	100	96	91	86	
49-BC	12	1.62	800	107	108	106	102	99	94	90	86	
49-BC	12	3.44	800	103	105	102	99	96	91	87	83	
49-BC	12	4.37	800	102	100	99	97	94	89	85	82	
49-BC	12	6.07	800	101	100	99	96	93	91	87	80	
49-BC	12	0.37	1000	112	112	112	109	106	103	98	93	
49-BC	12	2.52	1000	111	113	112	107	105	101	96	92	
49-BC	12	5.37	1000	108	109	109	104	102	98	93	89	
49-BC	12	6.82	1000	107	105	104	102	100	95	90	88	
49-BC	12	9.49	1000	106	105	104	102	99	97	94	87	
49-BC	12	0.45	1100	114	114	114	111	109	106	100	95	
49-BC	12	3.05	1100	113	114	115	109	107	104	99	95	
49-BC	12	6.50	1100	110	111	112	107	104	101	95	92	
49-BC	12	8.26	1100	109	108	107	104	103	98	93	90	
49-BC	12	11.48	1100	108	107	107	105	101	99	97	90	
49-BC	12	0.53	1200	116	116	116	114	111	108	103	98	
49-BC	12	3.64	1200	115	116	118	112	110	106	101	97	
49-BC	12	7.74	1200	112	113	114	109	107	103	98	94	
49-BC	12	9.83	1200	111	110	109	107	105	101	95	92	
49-BC	12	13.66	1200	110	109	109	107	103	101	100	93	
49-BC	12	0.57	1250	117	117	117	115	112	109	104	99	
49-BC	12	3.94	1250	115	117	118	113	111	107	102	98	
49-BC	12	8.39	1250	112	113	115	110	108	104	99	95	
49-BC	12	10.66	1250	112	111	109	108	106	102	96	93	
49-BC	12	14.82	1250	111	110	109	108	104	102	101	94	
49-BC	12	0.60	1280	117	117	118	115	112	110	105	100	
49-BC	12	4.14	1280	116	117	119	114	111	108	103	99	
49-BC	12	8.80	1280	113	114	115	111	108	105	100	96	
49-BC	12	11.18	1280	112	111	110	108	106	103	97	94	
49-BC	12	15.54	1280	112	110	110	109	105	102	101	95	

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w0} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

MODEL	#			SOUND POWER LEVEL BY OCTAVE BAND							
	BL	SP	RPM	1	2	3	4	5	6	7	8
54-BC	12	0.00	250	85	84	79	75	68	60	53	46
54-BC	12	0.28	250	84	84	77	72	66	60	59	57
54-BC	12	0.56	250	83	83	77	71	65	61	61	61
54-BC	12	0.70	250	81	82	75	69	63	59	59	59
54-BC	12	0.00	400	94	96	92	88	83	76	68	61
54-BC	12	0.71	400	93	95	91	86	80	74	70	68
54-BC	12	1.43	400	91	94	92	86	79	73	71	72
54-BC	12	1.79	400	91	93	89	83	77	71	70	69
54-BC	12	0.00	600	102	103	105	99	95	90	81	74
54-BC	12	1.60	600	102	102	104	98	93	86	80	78
54-BC	12	3.21	600	101	100	104	98	92	86	80	80
54-BC	12	4.02	600	102	99	103	95	89	84	79	78
54-BC	12	0.00	750	107	107	109	105	101	96	88	81
54-BC	12	2.51	750	106	106	109	104	99	93	87	84
54-BC	12	5.01	750	105	105	108	105	99	93	86	85
54-BC	12	6.28	750	107	104	107	102	96	90	85	83
54-BC	12	0.00	800	108	109	111	107	103	98	91	83
54-BC	12	2.85	800	107	108	110	106	101	95	89	85
54-BC	12	5.70	800	106	106	109	107	101	95	88	87
54-BC	12	7.15	800	108	106	108	105	98	92	86	85
54-BC	12	0.00	900	110	111	113	111	106	102	95	87
54-BC	12	3.61	900	109	110	112	110	105	99	92	88
54-BC	12	7.22	900	108	109	111	110	104	98	92	89
54-BC	12	9.05	900	110	109	110	108	102	96	90	87
54-BC	12	0.00	1000	112	114	114	114	109	105	98	90
54-BC	12	4.46	1000	111	113	114	114	107	102	96	91
54-BC	12	8.91	1000	110	112	113	114	107	102	95	91
54-BC	12	11.17	1000	112	112	111	112	105	99	93	90
60-BC	12	0.00	250	88	87	82	78	71	63	56	49
60-BC	12	0.34	250	87	87	80	75	69	64	62	60
60-BC	12	0.69	250	86	86	80	74	68	64	64	64
60-BC	12	0.86	250	84	85	78	72	66	62	62	62
60-BC	12	0.00	400	97	99	95	91	86	79	71	64
60-BC	12	0.88	400	96	98	94	89	83	77	73	71
60-BC	12	1.76	400	94	97	95	89	82	76	74	75
60-BC	12	2.21	400	94	96	92	86	80	74	73	72
60-BC	12	0.00	600	106	106	108	102	98	93	84	77
60-BC	12	1.98	600	105	105	107	101	96	89	83	81
60-BC	12	3.96	600	104	103	107	101	95	89	83	83
60-BC	12	4.96	600	105	102	106	98	92	87	81	81
60-BC	12	0.00	750	110	110	112	109	104	99	91	84
60-BC	12	3.09	750	109	110	112	107	102	96	90	87
60-BC	12	6.19	750	108	108	111	108	102	96	89	88
60-BC	12	7.76	750	110	107	110	105	99	93	87	86
60-BC	12	0.00	800	111	112	114	110	106	101	94	86
60-BC	12	3.52	800	110	111	113	110	104	98	92	88
60-BC	12	7.04	800	110	109	112	110	104	98	91	90
60-BC	12	8.82	800	111	109	111	107	101	95	89	88
60-BC	12	0.00	900	113	114	116	114	109	105	98	90
60-BC	12	4.46	900	112	113	115	113	108	102	95	91
60-BC	12	8.91	900	112	112	114	113	107	101	95	92
60-BC	12	11.17	900	113	112	113	111	105	99	93	90
60-BC	12	0.00	1000	115	117	118	117	112	108	101	93
60-BC	12	5.50	1000	114	116	117	117	111	105	99	94
60-BC	12	11.00	1000	113	115	116	117	110	104	98	94
60-BC	12	13.79	1000	115	115	114	115	108	102	96	93

The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA Standard 301. Values shown are for outlet L_{w} sound power levels for: installation type d: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.