

UVS2

Utility Vent Set

TECHNICAL SPECIFICATIONS



PENNBARRY™

BULLETIN UVS2 23

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INTRODUCTION

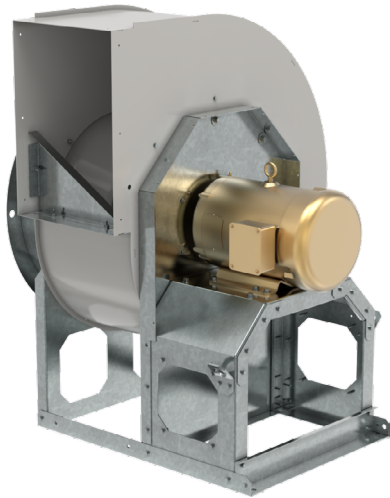
PennBarry products are backed by extensive research and testing in AMCA Accredited facilities. These tests assure the customer that PennBarry products are of the highest quality in design, construction and performance. Before leaving the plant, each fan is carefully subjected to a test at the field operating rpm. Dynamic balancing is performed by experienced personnel using electronic equipment to ensure smooth and trouble-free operation.

Commercial/Light Industrial

The wide range of volume capacities of the UVS Series 2 fans make them excellent for use in hotels, office buildings, manufacturing plants, and hospitals. ECM, Permanent Magnet, and Premium Efficient Induction motors used with Speed Control Devices make it easy to adjust the airflow for the greatest comfort and efficiency.

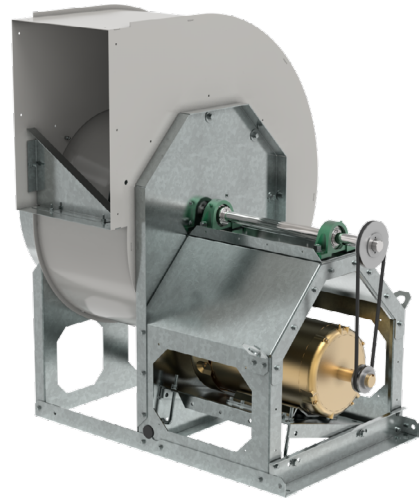
Direct Drive

Model: UVS2 - Static pressure up to 12.5" w.g. Direct Drive - Flow capacity up to 30,000 CFM



Belt Drive

Model: UVS2 - Static pressure up to 12.5" w.g. Belt Drive - Flow capacity up to 63,000 CFM



CERTIFICATIONS & LISTINGS



UVS2 AMCA Certifications

PennBarry certifies the UVS2 model shown herein is licensed to bear the AMCA Seal. 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 Rating Program.



cUL_{us} and UL Certification

UVS2 carries the UL label, 705 Power Ventilators (ZACT, ZACT7): File #E28413

UVS2 with UL762 Application option carries the UL762 Power Ventilators for Restaurant Exhaust label, UL762 (YZHW/YZHW7), file #MH10684



UVS2 with Heat and Smoke application option carries the UL Power Ventilators for Smoke Control System label, UL793 (ZAXH/ZAXH7), file #MH19473

060 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 4400				Max BHP: (RPM/3577) ^{^3}				Outlet Area: 0.66 Sq.Ft.				Wheel Diameter: 10.5"				Tip Speed: 2.75 X RPM				Max Motor Frame Size: 145T			
RPM	Tip Speed	0.06"SP		0.13"SP		0.25"SP		0.5"SP		0.75"SP		1.38"SP		2"SP		2.75"SP		3.75"SP		5"SP		6"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
550	1513	61																					
		0.01	0.39																				
1050	2888	162		145		112																	
		0.05	1.00	0.05	1.02	0.05	1.08																
1400	3850	225		214		190		136															
		0.07	0.83	0.08	0.86	0.08	0.94	0.08	1.03														
1750	4813	286		278		261		222		176													
		0.12	0.65	0.12	0.69	0.12	0.75	0.12	0.89	0.13	0.95												
2190	6023	362		355		343		316		283		188											
		0.20	0.48	0.20	0.50	0.21	0.55	0.22	0.65	0.21	0.76	0.23	0.84										
2500	6875	414		408		397		376		350		272		161									
		0.29	0.37	0.30	0.39	0.31	0.43	0.32	0.51	0.32	0.59	0.32	0.75	0.33	0.76								
3000	8250	499		494		485		467		449		391		324		225							
		0.50	0.26	0.51	0.28	0.52	0.31	0.54	0.37	0.56	0.42	0.55	0.56	0.55	0.65	0.60	0.65						
3450	9488	575		571		563		547		532		488		433		363		236					
		0.76	0.20	0.77	0.21	0.78	0.24	0.81	0.28	0.83	0.33	0.85	0.43	0.82	0.53	0.84	0.60	0.88	0.59				
3950	10863	659		656		649		635		621		586		544		485		404		253			
		1.13	0.15	1.14	0.16	1.16	0.18	1.20	0.22	1.23	0.25	1.27	0.33	1.26	0.41	1.23	0.50	1.28	0.55	1.30	0.54		
4400	12100	735		732		725		713		701		670		636		588		515		424		317	
		1.56	0.12	1.57	0.13	1.60	0.15	1.64	0.18	1.68	0.21	1.74	0.27	1.76	0.34	1.73	0.41	1.69	0.49	1.81	0.52	1.86	0.50

Performance certified for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

070 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 4400				Max BHP: (RPM/3378) ^{^3}				Outlet Area: 0.66 Sq.Ft.				Wheel Diameter: 10.5"				Tip Speed: 2.75 X RPM				Max Motor Frame Size: 145T			
RPM	Tip Speed	0.06"SP CFM		0.13"SP CFM		0.25"SP CFM		0.5"SP CFM		0.75"SP CFM		1.38"SP CFM		2"SP CFM		2.75"SP CFM		3.75"SP CFM		5"SP CFM		6"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
550	1513	115																					
		0.01	0.41																				
1050	2888	302		271		212																	
		0.03	1.35	0.04	1.27	0.04	1.37																
1400	3850	418		399		358		265															
		0.07	1.06	0.07	1.12	0.07	1.23	0.07	1.32														
1750	4813	531		515		487		426		348													
		0.13	0.79	0.13	0.84	0.13	0.97	0.12	1.19	0.13	1.21												
2190	6023	675		660		634		594		547		376											
		0.24	0.58	0.25	0.59	0.25	0.67	0.22	0.89	0.21	1.07	0.21	1.22										
2500	6875	771		758		736		700		662		540		370									
		0.38	0.44	0.40	0.44	0.40	0.50	0.35	0.68	0.31	0.88	0.35	0.98	0.34	1.05								
3000	8250	930		918		899		866		836		754		644		478							
		0.63	0.33	0.68	0.33	0.70	0.36	0.66	0.47	0.60	0.60	0.53	0.87	0.61	0.88	0.55	1.01						
3450	9488	1073		1062		1044		1014		987		920		842		722		525					
		0.93	0.27	1.00	0.27	1.06	0.29	1.05	0.35	0.98	0.44	0.82	0.68	0.82	0.82	0.93	0.82	0.86	0.91				
3950	10863	1232		1222		1205		1176		1151		1094		1034		948		804		583			
		1.36	0.22	1.46	0.22	1.56	0.24	1.60	0.28	1.55	0.33	1.34	0.51	1.21	0.68	1.26	0.77	1.40	0.78	1.33	0.83		
4400	12100	1374		1365		1349		1322		1298		1246		1194		1126		1017		845		687	
		1.84	0.19	1.97	0.19	2.11	0.20	2.21	0.23	2.19	0.27	1.97	0.40	1.76	0.54	1.65	0.69	1.82	0.74	1.87	0.79	1.75	0.84

Performance certified for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

080 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 4400				Max BHP: (RPM/3488) ^{^3}				Outlet Area: 0.66 Sq.Ft.				Wheel Diameter: 10.5"				Tip Speed: 2.75 X RPM				Max Motor Frame Size: 145T			
RPM	Tip Speed	0.06"SP		0.13"SP		0.25"SP		0.5"SP		0.75"SP		1.38"SP		2"SP		2.75"SP		3.75"SP		5"SP		6"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
550	1513	155																					
		0.01	0.43																				
1050	2888	386		355		279																	
		0.04	1.39	0.05	1.36	0.05	1.41																
1400	3850	534		511		464		348															
		0.07	1.27	0.07	1.30	0.08	1.29	0.07	1.48														
1750	4813	682		661		624		548		453													
		0.11	1.05	0.11	1.11	0.12	1.14	0.14	1.24	0.12	1.47												
2190	6023	867		848		816		757		697		497											
		0.21	0.79	0.20	0.87	0.20	0.94	0.24	1.00	0.24	1.11	0.23	1.31										
2500	6875	995		977		948		896		843		698		496									
		0.29	0.68	0.27	0.78	0.27	0.85	0.33	0.87	0.37	0.91	0.32	1.26	0.35	1.20								
3000	8250	1201		1184		1158		1113		1070		960		833		632							
		0.52	0.51	0.48	0.58	0.45	0.67	0.50	0.74	0.58	0.75	0.63	0.89	0.55	1.15	0.61	1.09						
3450	9488	1386		1371		1346		1304		1267		1172		1075		935		699					
		0.82	0.41	0.75	0.47	0.69	0.55	0.72	0.63	0.80	0.67	0.96	0.73	0.94	0.88	0.83	1.11	0.93	1.03				
3950	10863	1591		1577		1553		1515		1481		1399		1315		1213		1043		782			
		1.27	0.33	1.17	0.38	1.07	0.45	1.04	0.54	1.11	0.58	1.34	0.64	1.45	0.71	1.38	0.86	1.24	1.07	1.38	0.98		
4400	12100	1775		1762		1740		1703		1671		1597		1523		1433		1305		1100		911	
		1.79	0.29	1.66	0.32	1.51	0.38	1.43	0.47	1.47	0.52	1.72	0.58	1.94	0.62	2.01	0.71	1.84	0.90	1.75	1.03	1.93	0.94

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

105 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 4400				Max BHP: (RPM/3378) ^{^3}				Outlet Area: 0.66 Sq.Ft.				Wheel Diameter: 10.5"				Tip Speed: 2.75 X RPM				Max Motor Frame Size: 145T			
RPM	Tip Speed	0"SP CFM		0.25"SP CFM		0.5"SP CFM		0.75"SP CFM		1.1"SP CFM		1.75"SP CFM		2.25"SP CFM		3.25"SP CFM		4.25"SP CFM		5.5"SP CFM		6.75"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	1375	189																					
		0.01	0.42																				
1050	2888	526		400																			
		0.05	1.28	0.05	1.52																		
1400	3850	788		659		508		285															
		0.08	1.37	0.09	1.49	0.10	1.53	0.21	0.78														
1750	4813	995		894		785		662		395													
		0.13	1.19	0.15	1.28	0.16	1.40	0.17	1.43	0.21	1.08												
2190	6023	1255		1176		1093		1005		870		480											
		0.23	0.99	0.27	1.07	0.28	1.18	0.29	1.26	0.31	1.31	0.43	0.90										
2500	6875	1436		1366		1293		1217		1108		863		542									
		0.33	0.87	0.40	0.90	0.41	1.02	0.42	1.12	0.45	1.19	0.43	1.33	0.43	1.16								
3000	8250	1724		1664		1606		1544		1455		1285		1132		642							
		0.57	0.72	0.68	0.74	0.71	0.82	0.71	0.91	0.72	1.02	0.79	1.10	0.79	1.16	0.74	1.06						
3450	9488	1982		1930		1880		1828		1752		1608		1493		1218		773					
		0.87	0.63	1.01	0.65	1.06	0.70	1.08	0.77	1.08	0.87	1.13	0.99	1.19	1.04	1.15	1.16	1.13	1.03				
3950	10863	2269		2223		2179		2135		2071		1946		1849		1645		1397		927			
		1.30	0.56	1.48	0.58	1.56	0.62	1.60	0.67	1.62	0.74	1.63	0.88	1.68	0.94	1.82	1.00	1.73	1.11	1.66	1.02		
4400	12100	2528		2486		2447		2407		2351		2241		2154		1979		1789		1498		1069	
		1.80	0.52	2.01	0.53	2.12	0.56	2.19	0.60	2.23	0.66	2.24	0.78	2.26	0.85	2.40	0.94	2.53	0.98	2.31	1.12	2.24	1.02

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

122 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 3550				Max BHP: (RPM/2552) ^{^3}				Outlet Area: 0.9 Sq.Ft.				Wheel Diameter: 12.25"				Tip Speed: 3.21 X RPM				Max Motor Frame Size: 182T			
RPM	Tip Speed	0.06"SP		0.25"SP		0.5"SP		1"SP		1.75"SP		2.25"SP		2.75"SP		3.5"SP		4.5"SP		6"SP		7.5"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	1605	348																					
		0.01	0.54																				
1050	3371	908		787		594																	
		0.06	1.75	0.07	1.86	0.07	1.94																
1400	4494	1257		1170		1051		729															
		0.14	1.34	0.16	1.48	0.17	1.63	0.17	1.74														
1750	5618	1602		1533		1441		1245		751													
		0.28	1.04	0.29	1.17	0.31	1.31	0.33	1.52	0.30	1.59												
2000	6420	1843		1780		1702		1536		1226		907											
		0.42	0.88	0.43	1.00	0.45	1.14	0.48	1.34	0.49	1.54	0.46	1.53										
2200	7062	2036		1976		1906		1757		1513		1293		974									
		0.56	0.78	0.57	0.90	0.59	1.02	0.63	1.22	0.64	1.45	0.63	1.53	0.60	1.49								
2500	8025	2322		2265		2206		2076		1878		1728		1538		1153							
		0.83	0.68	0.82	0.79	0.84	0.90	0.90	1.06	0.94	1.27	0.93	1.41	0.92	1.48	0.89	1.45						
2800	8988	2606		2552		2497		2387		2206		2090		1957		1704		1200					
		1.17	0.61	1.16	0.70	1.17	0.79	1.23	0.95	1.31	1.12	1.32	1.24	1.31	1.35	1.30	1.44	1.18	1.42				
3200	10272	2983		2933		2882		2790		2634		2529		2428		2260		1970		1260			
		1.75	0.54	1.72	0.61	1.73	0.69	1.79	0.83	1.90	0.97	1.95	1.06	1.97	1.16	1.96	1.29	1.93	1.39	1.63	1.40		
3550	11396	3314		3266		3217		3134		2999		2903		2809		2672		2463		2049		1283	
		2.39	0.49	2.36	0.55	2.36	0.62	2.40	0.74	2.53	0.88	2.61	0.95	2.66	1.03	2.69	1.14	2.67	1.28	2.65	1.37	2.06	1.39

80% Width

Maximum RPM: 3550				Max BHP: (RPM/2726) ^{^3}				Outlet Area: 0.84 Sq.Ft.				Wheel Diameter: 12.25"				Tip Speed: 3.21 X RPM				Max Motor Frame Size: 182T			
RPM	Tip Speed	0.06"SP CFM		0.25"SP CFM		0.5"SP CFM		1"SP CFM		1.75"SP CFM		2.25"SP CFM		2.75"SP CFM		3.5"SP CFM		4.5"SP CFM		5.75"SP CFM		7.2"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
550	1766	360																					
		0.01	0.55																				
1050	3371	793		684		482																	
		0.05	1.80	0.06	1.90	0.06	1.89																
1400	4494	1095		1009		902		581															
		0.11	1.47	0.12	1.60	0.14	1.69	0.15	1.69														
1750	5618	1386		1323		1236		1052		542													
		0.20	1.16	0.21	1.33	0.24	1.42	0.27	1.60	0.16	2.10												
2000	6420	1591		1532		1460		1305		1012		684											
		0.30	1.00	0.30	1.17	0.34	1.27	0.39	1.39	0.39	1.60	0.38	1.47										
2200	7062	1754		1699		1634		1495		1262		1055		722									
		0.40	0.89	0.40	1.05	0.43	1.16	0.51	1.27	0.52	1.50	0.53	1.53	0.49	1.42								
2500	8025	1999		1947		1891		1771		1583		1437		1260		869							
		0.59	0.77	0.58	0.91	0.60	1.03	0.70	1.14	0.77	1.30	0.76	1.43	0.76	1.49	0.75	1.35						
2800	8988	2243		2195		2143		2040		1874		1760		1630		1393		876					
		0.84	0.68	0.81	0.80	0.83	0.91	0.93	1.04	1.06	1.16	1.09	1.26	1.08	1.37	1.07	1.44	0.98	1.32				
3200	10272	2568		2524		2476		2388		2245		2148		2050		1886		1614		1101			
		1.25	0.60	1.21	0.69	1.22	0.79	1.30	0.93	1.49	1.03	1.58	1.10	1.62	1.18	1.61	1.31	1.60	1.39	1.57	1.26		
3550	11396	2852		2811		2766		2686		2561		2474		2387		2253		2049		1733		1136	
		1.72	0.54	1.66	0.62	1.65	0.71	1.73	0.84	1.93	0.95	2.06	1.01	2.15	1.07	2.21	1.16	2.19	1.30	2.20	1.35	2.04	1.23

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

122 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 4650	Max BHP: (RPM/2550) ^3	Outlet Area: 0.9 Sq.Ft.	Wheel Diameter: 12.25"	Tip Speed: 3.21 X RPM	Max Motor Frame Size: 215T
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RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
3600	11556	3246		3179		3099		3006		2815		2629		2403		1793							
		2.57	0.58	2.60	0.71	2.63	0.82	2.66	0.91	2.73	1.07	2.78	1.20	2.81	1.29	2.67	1.37						
3700	11877	3340		3275		3199		3110		2923		2745		2537		2008							
		2.79	0.57	2.81	0.68	2.85	0.79	2.88	0.88	2.96	1.04	3.01	1.17	3.05	1.27	2.98	1.37						
3800	12198	3434		3370		3299		3214		3032		2858		2666		2176							
		3.02	0.55	3.05	0.66	3.08	0.77	3.11	0.86	3.19	1.01	3.25	1.14	3.30	1.24	3.27	1.35						
3900	12519	3527		3466		3398		3317		3139		2969		2790		2329							
		3.26	0.54	3.29	0.65	3.32	0.75	3.36	0.83	3.44	0.98	3.50	1.11	3.55	1.21	3.56	1.33						
4000	12840	3621		3561		3496		3419		3247		3079		2910		2476		1780					
		3.52	0.52	3.55	0.63	3.58	0.72	3.61	0.81	3.70	0.95	3.77	1.08	3.82	1.18	3.85	1.31	3.51	1.31				
4100	13161	3715		3656		3594		3521		3354		3188		3026		2620		2078					
		3.79	0.51	3.82	0.61	3.85	0.71	3.88	0.79	3.97	0.93	4.04	1.05	4.10	1.16	4.16	1.29	3.97	1.34				
4200	13482	3809		3750		3691		3622		3460		3297		3140		2761		2285					
		4.07	0.50	4.10	0.60	4.13	0.69	4.17	0.77	4.25	0.90	4.33	1.02	4.40	1.13	4.47	1.27	4.36	1.34				
4300	13803	3903		3845		3788		3722		3566		3406		3252		2898		2454		1842			
		4.37	0.49	4.40	0.58	4.43	0.67	4.46	0.75	4.55	0.88	4.64	1.00	4.70	1.10	4.79	1.25	4.73	1.33	4.28	1.29		
4450	14285	4044		3986		3932		3871		3724		3568		3418		3095		2682		2294			
		4.84	0.48	4.87	0.56	4.90	0.64	4.94	0.72	5.02	0.85	5.12	0.96	5.19	1.06	5.30	1.22	5.29	1.30	5.10	1.33		
4650	14927	4231		4175		4124		4067		3932		3782		3637		3344		2973		2659		1820	
		5.52	0.46	5.55	0.54	5.58	0.62	5.62	0.69	5.71	0.81	5.80	0.92	5.89	1.01	6.02	1.17	6.06	1.27	5.98	1.31	5.19	1.24

80% Width

Maximum RPM: 4950	Max BHP: (RPM/2720) ^3	Outlet Area: 0.84 Sq.Ft.	Wheel Diameter: 12.25"	Tip Speed: 3.21 X RPM	Max Motor Frame Size: 215T
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RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
3600	11556	2809		2743		2669		2588		2416		2228		1999		1311							
		1.84	0.66	1.89	0.80	1.96	0.90	2.05	0.99	2.19	1.13	2.28	1.24	2.31	1.31	2.26	1.23						
3700	11877	2891		2826		2756		2678		2512		2334		2122		1534							
		1.99	0.64	2.05	0.77	2.12	0.88	2.20	0.97	2.35	1.10	2.46	1.21	2.51	1.29	2.50	1.27						
3800	12198	2972		2910		2842		2768		2607		2437		2241		1714							
		2.16	0.62	2.21	0.75	2.28	0.86	2.37	0.94	2.53	1.07	2.64	1.18	2.71	1.27	2.73	1.30						
3900	12519	3054		2993		2928		2857		2701		2538		2354		1872							
		2.33	0.61	2.38	0.73	2.45	0.83	2.54	0.92	2.71	1.05	2.84	1.16	2.91	1.24	2.95	1.30						
4000	12840	3135		3076		3013		2945		2795		2637		2464		2018		1246					
		2.51	0.59	2.56	0.71	2.64	0.81	2.72	0.89	2.90	1.02	3.04	1.13	3.13	1.22	3.18	1.30	2.94	1.15				
4100	13161	3217		3159		3098		3032		2888		2735		2571		2157		1532					
		2.70	0.58	2.75	0.69	2.83	0.79	2.91	0.87	3.09	1.00	3.25	1.10	3.35	1.19	3.42	1.29	3.36	1.21				
4200	13482	3298		3241		3183		3120		2980		2831		2675		2289		1748					
		2.90	0.57	2.95	0.68	3.03	0.77	3.11	0.85	3.30	0.98	3.46	1.08	3.58	1.17	3.68	1.28	3.66	1.24				
4300	13803	3379		3324		3267		3206		3071		2927		2777		2416		1928		1274			
		3.11	0.56	3.16	0.66	3.24	0.75	3.32	0.83	3.51	0.96	3.69	1.06	3.82	1.14	3.94	1.26	3.95	1.27	3.58	1.12		
4450	14285	3501		3447		3393		3335		3207		3069		2926		2597		2164		1706			
		3.44	0.54	3.50	0.64	3.57	0.73	3.65	0.80	3.85	0.93	4.04	1.02	4.19	1.11	4.35	1.24	4.38	1.28	4.31	1.20		
4950	15890	3907		3857		3809		3760		3651		3532		3408		3145		2830		2544		2061	
		4.72	0.49	4.78	0.57	4.85	0.65	4.94	0.72	5.14	0.84	5.36	0.93	5.57	1.01	5.87	1.14	6.00	1.23	6.03	1.26	6.00	1.21

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

135 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 3222				Max BHP: (RPM/2171) ^{^3}				Outlet Area: 1.09 Sq.Ft.				Wheel Diameter: 13.5"				Tip Speed: 2.53 X RPM				Max Motor Frame Size: 182T			
RPM	Tip Speed	0.06"SP CFM		0.75"SP CFM		1.25"SP CFM		1.62"SP CFM		2"SP CFM		2.75"SP CFM		3.25"SP CFM		4.25"SP CFM		5.5"SP CFM		6.5"SP CFM		7.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
400	1412	346																					
		0.01	0.54																				
1050	3707	1234		609																			
		0.10	1.61	0.11	1.79																		
1400	4942	1699		1335		949																	
		0.23	1.19	0.28	1.57	0.27	1.63																
1750	6178	2155		1872		1654		1437		1165													
		0.45	0.91	0.51	1.27	0.53	1.45	0.53	1.52	0.52	1.52												
2000	7060	2477		2230		2048		1902		1718		1197											
		0.69	0.77	0.75	1.11	0.78	1.28	0.78	1.39	0.78	1.48	0.74	1.45										
2200	7766	2733		2510		2341		2220		2083		1726		1400									
		0.92	0.69	0.97	1.01	1.03	1.15	1.04	1.26	1.04	1.37	1.02	1.47	1.00	1.43								
2500	8825	3113		2915		2768		2658		2549		2307		2098		1544							
		1.35	0.61	1.39	0.88	1.47	1.01	1.51	1.09	1.53	1.18	1.51	1.35	1.50	1.41	1.44	1.38						
2800	9884	3492		3310		3185		3086		2986		2793		2648		2281		1569					
		1.90	0.55	1.92	0.78	2.00	0.90	2.07	0.97	2.12	1.04	2.15	1.19	2.14	1.28	2.11	1.38	1.88	1.36				
3000	10590	3745		3570		3458		3367		3272		3090		2969		2672		2196		1458			
		2.34	0.52	2.34	0.73	2.43	0.84	2.50	0.91	2.57	0.97	2.63	1.10	2.64	1.18	2.60	1.32	2.60	1.36	2.03	1.38		
3222	11374	4025		3857		3755		3674		3585		3413		3302		3062		2669		2294		1563	
		2.91	0.49	2.89	0.67	2.97	0.78	3.05	0.85	3.13	0.91	3.24	1.02	3.27	1.09	3.26	1.23	3.21	1.34	3.22	1.33	2.51	1.36

80% Width

Maximum RPM: 3222				Max BHP: (RPM/2304)^3				Outlet Area: 1.02 Sq.Ft.				Wheel Diameter: 13.5"				Tip Speed: 3.53 X RPM				Max Motor Frame Size: 182T			
RPM	Tip Speed	0.06"SP CFM		0.75"SP CFM		1.25"SP CFM		1.62"SP CFM		2"SP CFM		2.75"SP CFM		3.25"SP CFM		4.25"SP CFM		5.5"SP CFM		6.25"SP CFM		7.2"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
450	1589	375																					
		0.01	0.56																				
1050	3707	1078		493																			
		0.08	1.70	0.10	1.77																		
1400	4942	1472		1135		759																	
		0.17	1.31	0.22	1.64	0.24	1.57																
1750	6178	1861		1599		1390		1190		914													
		0.33	1.03	0.41	1.33	0.43	1.51	0.42	1.59	0.44	1.46												
2000	7060	2134		1906		1734		1594		1419		892											
		0.49	0.87	0.58	1.19	0.64	1.31	0.64	1.43	0.63	1.51	0.61	1.37										
2200	7766	2352		2145		1990		1873		1739		1403		1068									
		0.65	0.78	0.73	1.10	0.83	1.19	0.85	1.29	0.85	1.39	0.86	1.45	0.86	1.32								
2500	8825	2679		2494		2361		2259		2154		1917		1723		1164							
		0.97	0.68	1.01	0.99	1.14	1.07	1.21	1.13	1.25	1.21	1.24	1.37	1.23	1.41	1.23	1.27						
2800	9884	3006		2837		2721		2631		2538		2351		2210		1865		1133					
		1.36	0.60	1.38	0.89	1.51	0.98	1.62	1.03	1.70	1.08	1.76	1.21	1.75	1.29	1.74	1.37	1.56	1.24				
3000	10590	3223		3062		2957		2874		2787		2616		2496		2211		1759		1280			
		1.68	0.57	1.67	0.83	1.80	0.93	1.92	0.98	2.03	1.02	2.15	1.12	2.17	1.20	2.13	1.34	2.22	1.29	1.99	1.22		
3222	11374	3464		3311		3214		3139		3059		2899		2792		2557		2188		1927		1383	
		2.09	0.53	2.04	0.77	2.17	0.87	2.30	0.93	2.42	0.97	2.61	1.05	2.67	1.11	2.67	1.25	2.65	1.34	2.74	1.29	2.48	1.20

Performance certified for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

135 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 4250	Max BHP: (RPM/2172) ^{^3}	Outlet Area: 1.09 Sq.Ft.	Wheel Diameter: 13.5"	Tip Speed: 3.53 X RPM	Max Motor Frame Size: 215T
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RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
3300	11649	4008		3909		3806		3695		3470		3250		2983		2269							
		3.08	0.60	3.13	0.71	3.23	0.81	3.34	0.89	3.49	1.03	3.51	1.17	3.47	1.29	3.45	1.32						
3400	12002	4136		4039		3941		3834		3614		3403		3161		2513							
		3.36	0.58	3.41	0.69	3.51	0.79	3.62	0.86	3.80	0.99	3.85	1.13	3.81	1.25	3.79	1.33						
3500	12355	4264		4169		4074		3972		3758		3553		3330		2732							
		3.67	0.57	3.72	0.67	3.81	0.76	3.92	0.84	4.12	0.96	4.19	1.09	4.17	1.21	4.12	1.33						
3600	12708	4392		4298		4207		4109		3901		3700		3493		2940		2092					
		3.99	0.55	4.03	0.65	4.13	0.74	4.24	0.82	4.46	0.94	4.55	1.06	4.56	1.18	4.47	1.32	4.13	1.29				
3700	13061	4519		4427		4340		4245		4044		3847		3650		3141		2454					
		4.33	0.54	4.37	0.64	4.46	0.72	4.58	0.79	4.81	0.91	4.93	1.03	4.95	1.14	4.86	1.30	4.82	1.29				
3800	13414	4647		4556		4471		4381		4185		3992		3803		3335		2720					
		4.69	0.53	4.73	0.62	4.81	0.70	4.93	0.77	5.18	0.89	5.33	1.00	5.37	1.11	5.28	1.28	5.28	1.30				
3900	13767	4775		4685		4602		4515		4326		4136		3953		3521		2950		2310			
		5.07	0.51	5.10	0.61	5.19	0.69	5.30	0.75	5.56	0.87	5.73	0.97	5.80	1.07	5.72	1.25	5.71	1.30	5.32	1.27		
4000	14120	4902		4814		4733		4649		4467		4280		4101		3700		3164		2661			
		5.47	0.50	5.50	0.59	5.58	0.67	5.69	0.74	5.96	0.85	6.16	0.94	6.25	1.04	6.20	1.22	6.14	1.30	6.09	1.27		
4100	14473	5030		4942		4864		4783		4606		4423		4247		3871		3371		2928			
		5.90	0.49	5.92	0.58	6.00	0.65	6.11	0.72	6.38	0.83	6.60	0.92	6.72	1.01	6.70	1.19	6.61	1.30	6.64	1.29		
4225	14914	5189		5103		5026		4948		4779		4602		4429		4077		3620		3213		2384	
		6.45	0.48	6.47	0.56	6.54	0.63	6.65	0.70	6.93	0.80	7.18	0.89	7.33	0.98	7.36	1.16	7.24	1.28	7.26	1.29	6.50	1.26

80% Width

Maximum RPM: 4540	Max BHP: (RPM/2302) ^{^3}	Outlet Area: 1.02 Sq.Ft.	Wheel Diameter: 13.5"	Tip Speed: 3.53 X RPM	Max Motor Frame Size: 215T
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RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
3300	11649	3446		3351		3255		3153		2946		2730		2473		1783							
		2.16	0.68	2.24	0.81	2.40	0.89	2.57	0.95	2.82	1.06	2.89	1.18	2.84	1.30	2.97	1.23						
3400	12002	3557		3464		3371		3273		3072		2867		2630		2018							
		2.36	0.66	2.44	0.79	2.59	0.87	2.77	0.93	3.06	1.03	3.16	1.14	3.12	1.26	3.22	1.27						
3500	12355	3667		3576		3487		3393		3197		3000		2781		2220							
		2.57	0.64	2.64	0.76	2.79	0.85	2.98	0.91	3.29	1.00	3.44	1.11	3.43	1.22	3.45	1.30						
3600	12708	3777		3688		3602		3511		3322		3131		2926		2406		1536					
		2.80	0.62	2.86	0.74	3.01	0.83	3.19	0.89	3.54	0.98	3.72	1.08	3.74	1.19	3.71	1.31	3.44	1.17				
3700	13061	3888		3800		3716		3629		3445		3260		3066		2583		1903					
		3.04	0.61	3.09	0.72	3.23	0.81	3.42	0.87	3.79	0.96	4.01	1.05	4.07	1.15	4.00	1.30	4.16	1.18				
3800	13414	3998		3912		3830		3746		3568		3388		3203		2754		2166					
		3.29	0.59	3.34	0.71	3.48	0.79	3.66	0.85	4.05	0.94	4.31	1.02	4.41	1.12	4.32	1.29	4.53	1.22				
4000	14120	4218		4135		4057		3978		3811		3640		3468		3076		2577		2066			
		3.84	0.57	3.87	0.67	4.00	0.75	4.18	0.82	4.60	0.90	4.94	0.98	5.11	1.06	5.08	1.23	5.13	1.28	5.26	1.17		
4100	14473	4328		4246		4170		4094		3932		3765		3598		3229		2760		2329			
		4.14	0.55	4.16	0.66	4.28	0.74	4.46	0.80	4.89	0.89	5.26	0.96	5.47	1.03	5.50	1.20	5.46	1.28	5.69	1.21		
4300	15179	4547		4468		4395		4323		4171		4012		3853		3519		3108		2744		2043	
		4.79	0.53	4.79	0.63	4.90	0.71	5.07	0.77	5.51	0.86	5.93	0.92	6.23	0.99	6.38	1.14	6.27	1.27	6.39	1.26	6.31	1.13
4540	16026	4811		4733		4664		4596		4454		4306		4155		3849		3495		3179		2690	
		5.65	0.51	5.62	0.60	5.71	0.67	5.87	0.73	6.32	0.82	6.79	0.89	7.17	0.95	7.51	1.08	7.43	1.21	7.38	1.27	7.67	1.21

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

150 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2900				Max BHP: (RPM/1821) ^{^3}				Outlet Area: 1.33 Sq.Ft.				Wheel Diameter: 15"				Tip Speed: 3.93 X RPM				Max Motor Frame Size: 184T			
RPM	Tip Speed	0.06"SP		0.5"SP		0.75"SP		1.5"SP		2"SP		2.5"SP		3.5"SP		4.25"SP		5"SP		6"SP		7.5"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
350	1376	407																					
		0.01	0.88																				
1050	4127	1715		1371		1114																	
		0.17	1.44	0.20	1.68	0.20	1.72																
1400	5502	2351		2103		1957		1362															
		0.39	1.04	0.44	1.30	0.46	1.41	0.46	1.53														
1600	6288	2705		2489		2361		1934		1530													
		0.59	0.88	0.64	1.13	0.66	1.23	0.69	1.47	0.68	1.48												
1750	6878	2970		2771		2656		2299		1984		1567											
		0.78	0.79	0.82	1.02	0.85	1.13	0.89	1.37	0.88	1.47	0.87	1.43										
2000	7860	3409		3233		3136		2830		2618		2345		1473									
		1.17	0.68	1.19	0.90	1.23	0.99	1.32	1.19	1.32	1.33	1.30	1.43	1.12	1.42								
2200	8646	3756		3591		3507		3227		3045		2844		2304		1594							
		1.56	0.62	1.56	0.81	1.61	0.89	1.74	1.08	1.76	1.20	1.75	1.31	1.74	1.40	1.46	1.39						
2400	9432	4103		3945		3870		3618		3448		3281		2864		2466		1828					
		2.03	0.57	2.02	0.74	2.06	0.82	2.21	0.99	2.27	1.09	2.29	1.19	2.25	1.36	2.25	1.37	1.99	1.35				
2600	10218	4450		4298		4229		4003		3843		3689		3358		3036		2665		1781			
		2.58	0.53	2.56	0.68	2.59	0.75	2.76	0.91	2.85	1.00	2.90	1.09	2.89	1.26	2.86	1.34	2.87	1.35	2.29	1.35		
2900	11397	4970		4826		4762		4569		4427		4283		4008		3781		3505		3075		1931	
		3.59	0.49	3.54	0.61	3.56	0.67	3.73	0.82	3.86	0.90	3.96	0.97	4.04	1.12	4.02	1.22	3.97	1.30	3.97	1.33	3.10	1.33

80% Width

Maximum RPM: 2900				Max BHP: (RPM/1945) ^{^3}				Outlet Area: 1.25 Sq.Ft.				Wheel Diameter: 15"				Tip Speed: 3.93 X RPM				Max Motor Frame Size: 184T			
RPM	Tip Speed	0.06"SP CFM		0.75"SP CFM		1.5"SP CFM		2"SP CFM		2.5"SP CFM		3.25"SP CFM		4"SP CFM		4.5"SP CFM		5"SP CFM		5.75"SP CFM		7.2"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
350	1376	360																					
		0.01	0.55																				
1050	4127	1499		934																			
		0.13	1.56	0.16	1.79																		
1400	5502	2032		1667		1108																	
		0.29	1.15	0.37	1.46	0.39	1.52																
1600	6288	2335		2016		1612		1220															
		0.42	0.99	0.53	1.29	0.55	1.53	0.57	1.43														
1750	6878	2560		2270		1930		1632		1217													
		0.55	0.89	0.66	1.20	0.73	1.41	0.72	1.49	0.74	1.35												
2000	7860	2934		2680		2396		2187		1930		1407											
		0.83	0.76	0.92	1.08	1.08	1.22	1.08	1.35	1.07	1.43	1.11	1.29										
2200	8646	3233		3000		2744		2569		2372		2005		1479									
		1.11	0.69	1.18	0.99	1.39	1.12	1.45	1.22	1.44	1.33	1.43	1.39	1.45	1.25								
2400	9432	3532		3315		3084		2926		2762		2473		2121		1830		1315					
		1.45	0.63	1.49	0.92	1.74	1.04	1.85	1.12	1.88	1.21	1.85	1.34	1.88	1.35	1.94	1.27	1.65	1.22				
2600	10218	3830		3626		3417		3271		3125		2888		2604		2387		2146		1577			
		1.85	0.58	1.85	0.85	2.12	0.98	2.28	1.04	2.37	1.11	2.39	1.23	2.35	1.33	2.36	1.34	2.43	1.29	2.26	1.19		
2900	11397	4277		4088		3906		3777		3645		3448		3235		3074		2895		2600		1709	
		2.58	0.53	2.52	0.76	2.78	0.90	2.99	0.96	3.16	1.01	3.30	1.10	3.31	1.20	3.28	1.26	3.26	1.30	3.30	1.31	3.06	1.17

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

150 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 3880				Max BHP: (RPM/1819) ^{^3}				Outlet Area: 1.33 Sq.Ft.				Wheel Diameter: 15"				Tip Speed: 3.93 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
3000	11790	4970		4872		4757		4622		4340		4069		3751		2935							
		4.09	0.56	4.13	0.68	4.18	0.78	4.23	0.87	4.34	1.02	4.42	1.15	4.48	1.24	4.35	1.33						
3050	11987	5056		4960		4849		4718		4440		4174		3872		3103							
		4.30	0.55	4.34	0.67	4.38	0.77	4.44	0.86	4.55	1.01	4.64	1.13	4.70	1.23	4.61	1.33						
3100	12183	5142		5047		4940		4813		4539		4278		3989		3254							
		4.51	0.54	4.55	0.65	4.60	0.76	4.65	0.84	4.77	0.99	4.86	1.12	4.93	1.21	4.88	1.32						
3100	12183	5142		5047		4940		4813		4539		4278		3989		3254							
		4.51	0.54	4.55	0.65	4.60	0.76	4.65	0.84	4.77	0.99	4.86	1.12	4.93	1.21	4.88	1.32						
3200	12576	5315		5222		5122		5002		4737		4482		4217		3533		2092					
		4.96	0.53	5.00	0.63	5.05	0.73	5.10	0.81	5.22	0.96	5.32	1.08	5.40	1.18	5.41	1.29	4.44	1.19				
3300	12969	5487		5397		5302		5189		4934		4684		4435		3802		2876					
		5.44	0.51	5.48	0.61	5.53	0.71	5.58	0.79	5.71	0.93	5.82	1.05	5.90	1.15	5.96	1.27	5.56	1.29				
3450	13559	5746		5658		5570		5467		5227		4984		4750		4191		3492					
		6.21	0.49	6.25	0.59	6.30	0.67	6.35	0.75	6.48	0.88	6.61	1.00	6.70	1.10	6.82	1.24	6.67	1.30				
3600	14148	6004		5918		5836		5742		5518		5281		5056		4560		3929		3290		215T	
		7.05	0.48	7.10	0.56	7.14	0.64	7.20	0.72	7.33	0.85	7.46	0.95	7.58	1.05	7.73	1.20	7.69	1.28	7.35	1.29		
3700	14541	6176		6091		6012		5923		5710		5479		5258		4794		4199		3684			
		7.65	0.47	7.70	0.55	7.75	0.62	7.80	0.70	7.93	0.82	8.07	0.93	8.19	1.02	8.37	1.17	8.39	1.26	8.19	1.29		
3880	15248	6486		6403		6328		6247		6052		5833		5617		5194		4671		4220		3337	
		8.82	0.45	8.87	0.52	8.92	0.59	8.97	0.66	9.11	0.78	9.25	0.88	9.39	0.97	9.60	1.13	9.70	1.22	9.62	1.27	9.00	1.26

80% Width

Maximum RPM: 4050				Max BHP: (RPM/1928) ^{^3}				Outlet Area: 1.25 Sq.Ft.				Wheel Diameter: 15"				Tip Speed: 3.93 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
3000	11790	4300		4184		4066		3942		3689		3427		3118		2305							
		2.74	0.67	2.84	0.79	3.04	0.88	3.25	0.93	3.58	1.03	3.67	1.15	3.62	1.27	3.78	1.22						
3050	11987	4376		4261		4146		4025		3775		3520		3226		2462							
		2.88	0.66	2.98	0.78	3.17	0.86	3.39	0.92	3.74	1.02	3.86	1.13	3.82	1.25	3.94	1.24						
3100	12183	4452		4338		4225		4107		3862		3613		3331		2606							
		3.03	0.65	3.12	0.77	3.30	0.85	3.53	0.91	3.90	1.00	4.05	1.11	4.02	1.23	4.10	1.26						
3200	12576	4603		4492		4384		4270		4033		3794		3533		2870							
		3.33	0.63	3.41	0.75	3.59	0.83	3.82	0.89	4.23	0.98	4.44	1.08	4.44	1.19	4.43	1.28						
3300	12969	4754		4646		4541		4432		4203		3972		3728		3117		2218					
		3.65	0.61	3.72	0.72	3.90	0.81	4.13	0.87	4.58	0.96	4.83	1.05	4.89	1.15	4.81	1.29	4.91	1.15				
3400	13362	4905		4799		4698		4593		4372		4148		3917		3354		2608					
		3.99	0.59	4.05	0.70	4.22	0.79	4.45	0.85	4.93	0.93	5.24	1.02	5.35	1.11	5.24	1.27	5.50	1.19				
3500	13755	5056		4952		4853		4752		4539		4322		4101		3581		2912		2050			
		4.36	0.58	4.41	0.68	4.57	0.77	4.80	0.83	5.30	0.91	5.66	0.99	5.82	1.08	5.74	1.25	5.92	1.23	5.36	1.13		
3600	14148	5207		5104		5009		4911		4706		4494		4282		3798		3181		2551			
		4.75	0.56	4.78	0.67	4.94	0.75	5.16	0.81	5.68	0.90	6.10	0.97	6.31	1.05	6.27	1.22	6.33	1.26	6.49	1.14		
3700	14541	5358		5257		5164		5070		4871		4665		4460		4007		3433		2907			
		5.16	0.55	5.18	0.65	5.33	0.73	5.55	0.79	6.08	0.88	6.54	0.95	6.81	1.02	6.85	1.19	6.80	1.27	7.07	1.19		
4050	15917	5885		5789		5702		5618		5441		5256		5068		4685		4238		3838		3212	
		6.79	0.51	6.76	0.60	6.88	0.67	7.08	0.73	7.62	0.82	8.20	0.89	8.66	0.94	9.04	1.08	8.92	1.21	8.88	1.25	9.26	1.18

165 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2636				Max BHP: (RPM/1553) ^{^3}				Outlet Area: 1.62 Sq.Ft.				Wheel Diameter: 16.5"				Tip Speed: 4.32 X RPM				Max Motor Frame Size: 184T			
RPM	Tip Speed	0.06"SP		0.5"SP		0.75"SP		1.5"SP		2"SP		2.5"SP		3.5"SP		4.25"SP		5"SP		6"SP		7.5"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
350	1512	576																					
		0.02	1.83																				
800	3456	1698		1152																			
		0.12	1.69	0.15	1.83																		
1050	4536	2307		1936		1688																	
		0.27	1.28	0.31	1.54	0.32	1.61																
1200	5184	2670		2349		2159		1244															
		0.39	1.09	0.45	1.36	0.47	1.46	0.43	1.50														
1400	6048	3144		2874		2712		2144		1549													
		0.63	0.90	0.69	1.16	0.72	1.26	0.75	1.46	0.70	1.44												
1750	7560	3967		3744		3621		3240		2952		2590											
		1.27	0.69	1.31	0.91	1.35	1.00	1.42	1.23	1.42	1.36	1.40	1.44										
2000	8640	4545		4345		4243		3904		3685		3442		2788		1929							
		1.89	0.61	1.89	0.80	1.94	0.88	2.10	1.06	2.13	1.18	2.12	1.30	2.10	1.38	1.77	1.36						
2200	9504	5007		4817		4727		4425		4221		4021		3528		3057		2366					
		2.51	0.55	2.50	0.72	2.55	0.80	2.74	0.97	2.82	1.06	2.84	1.17	2.79	1.33	2.79	1.35	2.60	1.31				
2400	10368	5468		5286		5204		4936		4745		4561		4174		3803		3370		2511			
		3.27	0.51	3.24	0.66	3.28	0.73	3.48	0.89	3.60	0.97	3.67	1.06	3.67	1.23	3.62	1.32	3.63	1.33	3.30	1.29		
2636	11388	6013		5838		5761		5528		5355		5182		4848		4574		4240		3719		2332	
		4.34	0.48	4.28	0.60	4.31	0.66	4.51	0.81	4.67	0.89	4.79	0.96	4.89	1.11	4.86	1.21	4.81	1.29	4.80	1.31	3.75	1.30

80% Width

Maximum RPM: 2636				Max BHP: (RPM/1656) ^{^3}				Outlet Area: 1.52 Sq.Ft.				Wheel Diameter: 16.25"				Tip Speed: 4.25 X RPM				Max Motor Frame Size: 184T			
RPM	Tip Speed	0.06"SP CFM		0.75"SP CFM		1.38"SP CFM		2"SP CFM		2.25"SP CFM		3"SP CFM		4"SP CFM		4.5"SP CFM		5"SP CFM		6"SP CFM		7.2"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
350	1488	519																					
		0.01	1.53																				
800	3400	1482																					
		0.10	1.77																				
1050	4463	2008		1424																			
		0.20	1.40	0.25	1.70																		
1200	5100	2309		1839		1186																	
		0.29	1.21	0.38	1.52	0.40	1.46																
1400	5950	2716		2315		1886		1170															
		0.45	1.03	0.58	1.31	0.59	1.53	0.58	1.36														
1750	7438	3415		3096		2795		2458		2293		1653											
		0.90	0.78	1.02	1.10	1.16	1.22	1.16	1.38	1.15	1.42	1.20	1.28										
2000	8500	3912		3631		3371		3109		2994		2584		1789									
		1.35	0.67	1.43	0.98	1.65	1.08	1.75	1.20	1.75	1.26	1.72	1.37	1.76	1.22								
2200	9350	4310		4049		3818		3582		3486		3168		2628		2294		1747					
		1.80	0.61	1.84	0.90	2.10	1.01	2.28	1.09	2.32	1.14	2.32	1.27	2.32	1.33	2.40	1.26	2.17	1.19				
2400	10200	4707		4462		4256		4040		3953		3686		3260		3007		2731		1832			
		2.34	0.56	2.34	0.82	2.61	0.94	2.86	1.01	2.94	1.05	3.03	1.16	2.98	1.30	2.98	1.32	3.05	1.29	2.74	1.17		
2636	11203	5175		4945		4762		4569		4489		4251		3913		3718		3502		3016		2064	
		3.12	0.52	3.05	0.75	3.31	0.87	3.62	0.94	3.73	0.97	3.95	1.05	4.01	1.18	3.97	1.24	3.94	1.29	4.03	1.27	3.70	1.14

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

165 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 3790	Max BHP: (RPM/1552) ^{^3}	Outlet Area: 1.62 Sq.Ft.	Wheel Diameter: 16.5"	Tip Speed: 4.32 X RPM	Max Motor Frame Size: 256T
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RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2700	11664	5951		5831		5689		5523		5179		4847		4450		3412							
		4.81	0.55	4.85	0.67	4.91	0.78	4.98	0.87	5.10	1.02	5.20	1.15	5.26	1.24	5.06	1.31						
2750	11880	6066		5948		5812		5650		5312		4988		4613		3656							
		5.08	0.55	5.12	0.66	5.18	0.77	5.25	0.85	5.38	1.00	5.48	1.13	5.55	1.22	5.42	1.31						
2800	12096	6181		6065		5933		5777		5444		5126		4771		3866							
		5.36	0.54	5.40	0.65	5.46	0.75	5.53	0.84	5.67	0.99	5.77	1.11	5.85	1.21	5.77	1.31						
2900	12528	6410		6298		6175		6029		5707		5399		5075		4242							
		5.95	0.52	6.00	0.62	6.05	0.72	6.12	0.81	6.27	0.95	6.39	1.07	6.48	1.17	6.48	1.28						
3000	12960	6639		6530		6415		6279		5970		5667		5366		4600		3480					
		6.58	0.50	6.63	0.60	6.69	0.70	6.75	0.78	6.91	0.92	7.04	1.03	7.14	1.14	7.21	1.26	6.73	1.27				
3100	13392	6869		6762		6653		6526		6230		5934		5647		4948		4063					
		7.26	0.49	7.31	0.58	7.36	0.67	7.43	0.75	7.59	0.89	7.73	1.00	7.84	1.10	7.97	1.23	7.74	1.29				
3200	13824	7098		6993		6890		6771		6489		6199		5921		5283		4481		3417			
		7.98	0.48	8.03	0.56	8.09	0.65	8.15	0.73	8.31	0.86	8.47	0.97	8.59	1.07	8.76	1.21	8.65	1.28	7.89	1.23		
3450	14904	7671		7569		7476		7374		7128		6856		6592		6060		5386		4816		3274	
		9.99	0.45	10.05	0.53	10.10	0.60	10.17	0.67	10.33	0.79	10.51	0.89	10.66	0.99	10.90	1.14	10.98	1.23	10.83	1.27	9.36	1.18
3600	15552	8015		7914		7826		7731		7505		7247		6989		6492		5896		5370		4516	
		11.34	0.44	11.40	0.51	11.46	0.57	11.53	0.64	11.69	0.76	11.87	0.86	12.05	0.94	12.31	1.10	12.47	1.20	12.43	1.24	11.96	1.27
3790	16373	8450		8351		8266		8179		7976		7738		7489		7016		6504		6037		5353	
		13.22	0.42	13.29	0.48	13.36	0.55	13.42	0.61	13.58	0.72	13.77	0.81	13.96	0.89	14.27	1.04	14.50	1.15	14.56	1.21	14.39	1.26

80% Width

Maximum RPM: 3790	Max BHP: (RPM/1655) ^{^3}	Outlet Area: 1.52 Sq.Ft.	Wheel Diameter: 16.25"	Tip Speed: 4.25 X RPM	Max Motor Frame Size: 256T
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RPM	Tip Speed	0.5"SP		1"SP		1.5"SP		2"SP		3"SP		4"SP		5"SP		7"SP		9"SP		10.5"SP		12.5"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2700	11475	5148		5006		4862		4710		4400		4078		3694		2663							
		3.22	0.66	3.35	0.79	3.58	0.87	3.84	0.93	4.22	1.03	4.31	1.15	4.24	1.27	4.44	1.18						
2800	11900	5350		5212		5074		4929		4631		4327		3980		3085							
		3.59	0.64	3.70	0.76	3.93	0.85	4.20	0.90	4.64	1.00	4.81	1.11	4.77	1.22	4.89	1.24						
2900	12325	5551		5417		5285		5147		4859		4569		4251		3441							
		3.99	0.62	4.09	0.74	4.31	0.82	4.59	0.88	5.08	0.97	5.32	1.07	5.33	1.18	5.32	1.27						
3000	12750	5752		5621		5495		5362		5085		4806		4511		3772		2684					
		4.42	0.60	4.50	0.71	4.72	0.80	5.00	0.86	5.54	0.94	5.85	1.04	5.91	1.14	5.82	1.27	5.94	1.13				
3100	13175	5954		5825		5703		5576		5310		5040		4762		4086		3196					
		4.88	0.58	4.95	0.69	5.15	0.78	5.43	0.84	6.01	0.92	6.39	1.00	6.53	1.10	6.40	1.26	6.71	1.18				
3200	13600	6155		6029		5910		5789		5533		5271		5007		4386		3591		2624			
		5.37	0.56	5.42	0.67	5.62	0.75	5.89	0.82	6.50	0.90	6.96	0.98	7.16	1.06	7.07	1.23	7.26	1.22	6.85	1.11		
3300	14025	6355		6232		6117		6000		5754		5500		5246		4672		3942		3228			
		5.89	0.55	5.93	0.65	6.11	0.73	6.39	0.80	7.02	0.88	7.54	0.95	7.81	1.03	7.80	1.20	7.82	1.25	8.10	1.14		
3450	14663	6656		6536		6426		6315		6082		5840		5598		5080		4431		3856		2518	
		6.74	0.53	6.75	0.63	6.92	0.70	7.18	0.77	7.84	0.85	8.44	0.92	8.83	0.99	8.97	1.14	8.83	1.25	9.10	1.21	7.90	1.09
3550	15088	6857		6738		6631		6524		6300		6065		5830		5339		4740		4209		3250	
		7.35	0.52	7.34	0.61	7.50	0.69	7.76	0.75	8.42	0.84	9.07	0.90	9.52	0.96	9.80	1.11	9.62	1.23	9.76	1.23	9.93	1.11
3790	16108	7338		7223		7121		7021		6815		6599		6378		5933		5432		4984		4301	
		8.97	0.49	8.91	0.57	9.04	0.65	9.27	0.71	9.93	0.80	10.66	0.86	11.28	0.91	11.89	1.04	11.84	1.16	11.70	1.23	12.02	1.21

182 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2300				Max BHP: (RPM/1296) ^{^3}				Outlet Area: 1.96 Sq.Ft.				Wheel Diameter: 18.25"				Tip Speed: 4.78 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.5"SP		1"SP		1.38"SP		2.25"SP		3"SP		4"SP		4.5"SP		5"SP		5.25"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	2390	946																					
		0.09	1.79																				
550	2629	1181																					
		0.11	1.77																				
750	3585	2006		1641																			
		0.23	1.55	0.23	1.65																		
950	4541	2717		2450		1793																	
		0.37	1.40	0.40	1.50	0.40	1.63																
1050	5019	3059		2824		2301		1673															
		0.46	1.32	0.50	1.42	0.54	1.58	0.50	1.58														
1300	6214	3899		3703		3315		3000		1812													
		0.82	1.08	0.87	1.19	0.99	1.32	1.01	1.43	0.85	1.49												
1500	7170	4556		4386		4047		3793		3096		2081											
		1.24	0.92	1.29	1.03	1.44	1.17	1.52	1.25	1.53	1.42	1.31	1.43										
1750	8365	5369		5222		4930		4710		4202		3664		2568									
		1.97	0.78	2.00	0.88	2.17	1.02	2.30	1.09	2.46	1.25	2.43	1.36	2.15	1.38								
2000	9560	6176		6046		5791		5597		5159		4768		4128		3724		3221		2899			
		2.95	0.68	2.96	0.77	3.11	0.91	3.27	0.98	3.56	1.11	3.67	1.22	3.62	1.33	3.54	1.35	3.38	1.34	3.19	1.34		
2300	10994	7140		7025		6803		6634		6249		5923		5468		5212		4928		4773		3262	
		4.51	0.60	4.48	0.67	4.59	0.80	4.75	0.87	5.16	0.99	5.42	1.07	5.58	1.19	5.59	1.24	5.55	1.28	5.51	1.30	4.78	1.31

80% Width

Maximum RPM: 2300				Max BHP: (RPM/1386) ^{^3}				Outlet Area: 1.82 Sq.Ft.				Wheel Diameter: 18.25"				Tip Speed: 4.78 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.5"SP		1"SP		2"SP		2.25"SP		2.75"SP		3.25"SP		3.75"SP		5"SP		5.25"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	2390	738																					
		0.06	1.90																				
550	2629	971																					
		0.07	2.02																				
750	3585	1681		1328																			
		0.17	1.67	0.18	1.73																		
950	4541	2316		2056		1414																	
		0.30	1.45	0.33	1.52	0.35	1.53																
1050	5019	2616		2387		1866																	
		0.39	1.32	0.42	1.42	0.46	1.50																
1300	6214	3333		3157		2786		1798															
		0.72	1.02	0.75	1.16	0.81	1.34	0.84	1.38														
1500	7170	3894		3748		3424		2691		2468		1926											
		1.09	0.87	1.15	0.97	1.18	1.19	1.29	1.35	1.27	1.37	1.26	1.30										
1750	8365	4588		4465		4197		3634		3478		3111		2725		2214							
		1.65	0.75	1.80	0.81	1.83	1.00	1.97	1.23	2.01	1.25	2.01	1.30	1.99	1.33	1.97	1.24						
2000	9560	5285		5166		4940		4458		4334		4073		3781		3456		2419		2012			
		2.46	0.65	2.52	0.74	2.65	0.88	2.87	1.08	2.91	1.12	2.95	1.20	2.98	1.25	3.00	1.27	2.85	1.22	2.61	1.17		
2300	10994	6114		6005		5809		5401		5295		5082		4863		4630		3951		3801		2212	
		3.72	0.57	3.79	0.64	3.93	0.76	4.23	0.94	4.29	0.98	4.39	1.05	4.45	1.12	4.50	1.17	4.56	1.24	4.57	1.24	3.89	1.13

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

182 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 2300				Max BHP: (RPM/1561) ^{^3}				Outlet Area: 1.62 Sq.Ft.				Wheel Diameter: 18.25"				Tip Speed: 4.78 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1.25"SP		2"SP		2.5"SP		3"SP		3.5"SP		4.25"SP		5.25"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	2390	499																					
		0.04	1.84																				
750	3585	1116		983		515																	
		0.11	1.67	0.12	1.71	0.09	1.89																
950	4541	1573		1458		1129																	
		0.20	1.43	0.21	1.49	0.23	1.55																
1050	5019	1792		1688		1395		888															
		0.25	1.32	0.27	1.38	0.29	1.51	0.29	1.46														
1300	6214	2300		2223		1990		1658		980													
		0.46	1.02	0.48	1.09	0.51	1.26	0.55	1.35	0.51	1.33												
1500	7170	2696		2630		2433		2155		1703		1328											
		0.69	0.85	0.72	0.92	0.76	1.07	0.81	1.22	0.88	1.27	0.85	1.27										
1750	8365	3185		3128		2964		2730		2367		2108		1828		1459							
		1.08	0.71	1.11	0.76	1.18	0.90	1.24	1.05	1.32	1.18	1.38	1.21	1.41	1.20	1.32	1.20						
1900	9082	3476		3423		3274		3062		2732		2504		2262		2005		1457					
		1.37	0.64	1.40	0.69	1.48	0.81	1.56	0.96	1.64	1.11	1.70	1.16	1.77	1.18	1.80	1.18	1.61	1.17				
2100	10038	3863		3815		3680		3492		3197		2997		2790		2574		2228		1549			
		1.83	0.57	1.87	0.61	1.97	0.72	2.06	0.85	2.16	1.01	2.22	1.08	2.29	1.13	2.37	1.14	2.44	1.15	2.14	1.13		
2300	10994	4249		4204		4080		3911		3646		3465		3282		3094		2798		2372		1609	
		2.38	0.52	2.43	0.55	2.55	0.65	2.66	0.77	2.78	0.91	2.85	0.99	2.92	1.05	3.00	1.09	3.12	1.12	3.20	1.12	2.76	1.09

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

182 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 3150				Max BHP: (RPM/1298) ^{^3}				Outlet Area: 1.96 Sq.Ft.				Wheel Diameter: 18.25"				Tip Speed: 4.78 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2400	11472	7350		7137		6924		6710		6290		5865		5386		4049							
		5.09	0.65	5.18	0.77	5.39	0.86	5.65	0.92	6.08	1.04	6.31	1.14	6.34	1.24	5.94	1.31						
2500	11950	7674		7469		7264		7059		6654		6252		5817		4677							
		5.75	0.62	5.83	0.74	6.03	0.83	6.29	0.89	6.78	1.00	7.08	1.10	7.18	1.19	6.92	1.30						
2600	12428	7998		7800		7603		7406		7015		6629		6227		5227		3621					
		6.47	0.60	6.53	0.71	6.73	0.80	6.99	0.87	7.52	0.97	7.88	1.06	8.06	1.15	7.91	1.29	6.82	1.29				
2700	12906	8320		8129		7940		7751		7372		7001		6623		5728		4441					
		7.26	0.58	7.29	0.69	7.47	0.77	7.74	0.84	8.30	0.94	8.73	1.03	8.98	1.11	8.96	1.26	8.38	1.29				
2800	13384	8643		8458		8276		8093		7727		7368		7008		6195		5097		3830			
		8.10	0.57	8.11	0.67	8.28	0.75	8.54	0.81	9.13	0.91	9.63	1.00	9.94	1.08	10.05	1.22	9.66	1.29	8.41	1.28		
2900	13862	8965		8786		8610		8433		8080		7731		7386		6636		5670		4678			
		9.01	0.55	9.00	0.65	9.15	0.73	9.41	0.79	10.02	0.89	10.56	0.97	10.95	1.05	11.20	1.19	10.92	1.28	10.30	1.28		
2950	14101	9126		8949		8776		8603		8255		7912		7573		6849		5936		5031			
		9.48	0.54	9.47	0.64	9.61	0.71	9.86	0.78	10.48	0.88	11.05	0.96	11.47	1.03	11.79	1.17	11.56	1.27	11.08	1.28		
3000	14340	9286		9113		8942		8772		8430		8092		7758		7057		6192		5356			
		9.98	0.54	9.95	0.63	10.09	0.70	10.33	0.77	10.95	0.87	11.55	0.94	12.00	1.02	12.40	1.15	12.22	1.25	11.82	1.28		
3100	14818	9607		9439		9274		9109		8778		8450		8126		7463		6679		5946		4592	
		11.02	0.52	10.97	0.61	11.09	0.68	11.32	0.75	11.95	0.84	12.59	0.92	13.11	0.99	13.64	1.12	13.59	1.23	13.28	1.27	12.04	1.26
3150	15057	9768		9602		9439		9277		8952		8628		8309		7661		6911		6220		4997	
		11.57	0.52	11.51	0.60	11.62	0.67	11.85	0.74	12.47	0.83	13.13	0.91	13.68	0.97	14.28	1.10	14.30	1.21	14.02	1.26	13.11	1.26

80% Width

Maximum RPM: 3150				Max BHP: (RPM/1384) ^{^3}				Outlet Area: 1.82 Sq.Ft.				Wheel Diameter: 18.25"				Tip Speed: 4.78 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2400	11472	6283		6094		5904		5706		5300		4869		4368		3102							
		4.37	0.60	4.50	0.72	4.63	0.82	4.74	0.91	4.94	1.05	5.10	1.15	5.21	1.21	4.99	1.20						
2500	11950	6562		6378		6197		6009		5621		5218		4765		3667							
		4.92	0.58	5.07	0.69	5.20	0.79	5.32	0.87	5.54	1.01	5.71	1.12	5.85	1.18	5.82	1.22						
2600	12428	6840		6661		6488		6309		5938		5557		5142		4140							
		5.53	0.56	5.68	0.66	5.81	0.75	5.94	0.84	6.18	0.97	6.37	1.08	6.53	1.16	6.62	1.21						
2700	12906	7117		6944		6778		6607		6251		5888		5503		4582		3370					
		6.17	0.54	6.34	0.64	6.48	0.73	6.61	0.80	6.86	0.94	7.08	1.04	7.25	1.13	7.44	1.20	7.03	1.17				
2800	13384	7394		7225		7065		6902		6561		6212		5851		5005		3979					
		6.87	0.53	7.04	0.62	7.19	0.70	7.33	0.78	7.60	0.90	7.83	1.01	8.02	1.09	8.28	1.19	8.13	1.20				
2900	13862	7671		7506		7351		7195		6868		6533		6190		5410		4472		3517			
		7.62	0.51	7.80	0.60	7.96	0.68	8.11	0.75	8.39	0.87	8.63	0.98	8.84	1.06	9.16	1.17	9.16	1.20	8.63	1.16		
2950	14101	7810		7646		7494		7340		7021		6691		6356		5606		4702		3868			
		8.01	0.51	8.20	0.59	8.36	0.66	8.51	0.74	8.80	0.86	9.05	0.96	9.28	1.05	9.61	1.16	9.68	1.19	9.31	1.17		
3000	14340	7948		7786		7636		7486		7173		6849		6521		5798		4926		4165			
		8.42	0.50	8.61	0.58	8.78	0.65	8.93	0.72	9.22	0.84	9.49	0.95	9.72	1.03	10.08	1.15	10.20	1.19	9.95	1.18		
3100	14818	8224		8066		7920		7775		7475		7163		6847		6171		5360		4677		3258	
		9.28	0.49	9.48	0.56	9.65	0.63	9.81	0.70	10.12	0.82	10.40	0.92	10.65	1.00	11.05	1.12	11.26	1.18	11.16	1.19	9.95	1.10
3150	15057	8363		8205		8061		7919		7625		7319		7008		6352		5572		4913		3724	
		9.73	0.48	9.93	0.55	10.11	0.62	10.27	0.69	10.59	0.80	10.88	0.90	11.13	0.98	11.55	1.11	11.80	1.17	11.76	1.18	10.95	1.14

182 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 3150	Max BHP: (RPM/1570) ³	Outlet Area: 1.62 Sq.Ft.	Wheel Diameter: 18.25"	Tip Speed: 4.78 X RPM	Max Motor Frame Size: 256T
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RPM	Tip Speed	0.5"SP		1"SP		1.5"SP		2"SP		3"SP		4"SP		5"SP		7"SP		9"SP		10.5"SP		12.5"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2400	11472	4359		4199		4034		3863		3516		3157		2771		1619							
		2.74	0.57	2.87	0.69	3.00	0.79	3.12	0.87	3.33	1.00	3.49	1.08	3.57	1.12	3.20	1.04						
2500	11950	4553		4400		4243		4080		3748		3408		3048		2178							
		3.08	0.54	3.22	0.66	3.35	0.76	3.48	0.84	3.72	0.96	3.90	1.05	4.01	1.10	3.91	1.11						
2600	12428	4748		4600		4450		4295		3976		3653		3314		2556							
		3.45	0.52	3.60	0.63	3.74	0.73	3.88	0.80	4.13	0.93	4.33	1.01	4.47	1.07	4.50	1.12						
2700	12906	4942		4799		4656		4508		4202		3892		3572		2873							
		3.85	0.50	4.01	0.60	4.15	0.70	4.30	0.77	4.56	0.89	4.79	0.98	4.96	1.05	5.08	1.11						
2800	13384	5135		4998		4860		4718		4425		4127		3823		3166		2308					
		4.29	0.48	4.44	0.58	4.60	0.67	4.75	0.74	5.03	0.86	5.27	0.95	5.47	1.02	5.67	1.09	5.41	1.07				
2900	13862	5329		5195		5063		4927		4645		4358		4067		3447		2730					
		4.75	0.46	4.91	0.56	5.07	0.64	5.23	0.72	5.53	0.83	5.79	0.92	6.01	0.99	6.28	1.08	6.20	1.10				
2950	14101	5425		5294		5164		5031		4755		4473		4188		3584		2905		2059			
		4.99	0.45	5.16	0.55	5.32	0.63	5.48	0.70	5.79	0.82	6.06	0.91	6.29	0.98	6.59	1.07	6.57	1.10	6.01	1.01		
3000	14340	5522		5392		5265		5134		4863		4586		4307		3719		3068		2367			
		5.25	0.45	5.42	0.54	5.58	0.62	5.74	0.69	6.06	0.81	6.34	0.90	6.58	0.97	6.91	1.06	6.94	1.09	6.57	1.05		
3100	14818	5715		5589		5465		5340		5080		4812		4543		3983		3373		2826			
		5.78	0.43	5.95	0.52	6.12	0.60	6.29	0.67	6.62	0.78	6.92	0.87	7.18	0.94	7.56	1.04	7.69	1.08	7.53	1.08		
3150	15057	5811		5687		5565		5442		5187		4924		4659		4113		3519		3012		2175	
		6.05	0.43	6.24	0.51	6.41	0.59	6.58	0.65	6.91	0.77	7.22	0.86	7.49	0.93	7.90	1.03	8.07	1.08	7.97	1.08	7.29	0.99

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

200 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2100				Max BHP: (RPM/1113) ^{^3}				Outlet Area: 2.35 Sq.Ft.				Wheel Diameter: 20"				Tip Speed: 5.24 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1.25"SP		2"SP		2.5"SP		3.75"SP		4.5"SP		5.25"SP		6"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	2620	1408		951																			
		0.13	1.76	0.12	1.63																		
900	4716	3413		3255		2780		1786															
		0.48	1.36	0.50	1.42	0.55	1.54	0.49	1.56														
1150	6026	4525		4399		4041		3545		2404													
		0.90	1.11	0.93	1.17	1.04	1.28	1.10	1.42	1.01	1.49												
1300	6812	5175		5064		4745		4322		3568		2826											
		1.28	0.97	1.31	1.03	1.44	1.15	1.57	1.27	1.58	1.43	1.48	1.44										
1450	7598	5820		5719		5434		5052		4459		3967											
		1.77	0.85	1.79	0.92	1.92	1.05	2.10	1.15	2.21	1.31	2.19	1.39										
1600	8384	6461		6369		6110		5761		5244		4868		3534									
		2.38	0.77	2.39	0.83	2.51	0.96	2.72	1.06	2.94	1.20	2.97	1.28	2.78	1.37								
1750	9170	7099		7014		6777		6457		5985		5666		4686		3846							
		3.12	0.70	3.12	0.76	3.22	0.88	3.45	0.99	3.75	1.11	3.86	1.18	3.82	1.34	3.63	1.34						
1850	9694	7523		7442		7218		6915		6466		6169		5325		4661		3760					
		3.69	0.66	3.68	0.72	3.76	0.83	4.00	0.94	4.35	1.06	4.51	1.13	4.58	1.29	4.46	1.33	4.14	1.33				
1950	10218	7946		7869		7656		7369		6940		6659		5908		5352		4665		3710			
		4.33	0.63	4.31	0.68	4.38	0.79	4.61	0.90	5.00	1.01	5.20	1.08	5.38	1.23	5.32	1.30	5.16	1.33	4.67	1.31		
2100	11004	8580		8508		8308		8042		7643		7380		6716		6267		5740		5108		3933	
		5.42	0.59	5.39	0.63	5.43	0.74	5.64	0.84	6.08	0.95	6.33	1.01	6.69	1.15	6.72	1.23	6.64	1.29	6.47	1.31	5.77	1.30

80% Width

Maximum RPM: 2100				Max BHP: (RPM/1190) ^ ³				Outlet Area: 2.2 Sq.Ft.				Wheel Diameter: 20"				Tip Speed: 5.24 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1.25"SP		2"SP		2.5"SP		3.75"SP		4.5"SP		5.25"SP		6"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	2620	1155		720																			
		0.09	2.01	0.09	1.67																		
900	4716	2914		2758		2302		1378															
		0.39	1.39	0.42	1.42	0.45	1.53	0.43	1.43														
1150	6026	3867		3756		3420		2919		1799													
		0.79	1.04	0.81	1.12	0.86	1.29	0.93	1.38	0.88	1.32												
1300	6812	4423		4328		4032		3623		2852		2160											
		1.13	0.90	1.17	0.96	1.20	1.15	1.28	1.28	1.32	1.37	1.29	1.29										
1450	7598	4973		4888		4633		4261		3663		3160											
		1.54	0.80	1.61	0.84	1.65	1.01	1.70	1.18	1.83	1.29	1.81	1.34										
1600	8384	5521		5442		5221		4881		4379		3982		2693									
		2.01	0.73	2.13	0.76	2.22	0.89	2.22	1.07	2.39	1.21	2.45	1.26	2.40	1.23								
1750	9170	6073		5995		5786		5494		5035		4711		3719		2936							
		2.61	0.67	2.65	0.72	2.75	0.84	2.91	0.96	3.07	1.11	3.12	1.20	3.18	1.27	3.07	1.23						
1850	9694	6438		6362		6164		5891		5460		5164		4290		3666		2753					
		3.08	0.63	3.11	0.68	3.22	0.79	3.39	0.91	3.58	1.06	3.66	1.14	3.74	1.26	3.75	1.25	3.45	1.18				
1950	10218	6802		6729		6539		6283		5877		5601		4825		4267		3641		2568			
		3.60	0.60	3.63	0.64	3.75	0.75	3.92	0.87	4.15	1.00	4.25	1.08	4.36	1.22	4.40	1.25	4.36	1.23	3.81	1.14		
2100	11004	7347		7277		7098		6863		6491		6237		5566		5096		4573		3998		2676	
		4.48	0.56	4.52	0.60	4.64	0.69	4.82	0.80	5.09	0.93	5.22	1.01	5.41	1.16	5.46	1.21	5.49	1.23	5.47	1.22	4.69	1.11

200 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 2100				Max BHP: (RPM/1340) ^ 3				Outlet Area: 1.95 Sq.Ft.				Wheel Diameter: 20"				Tip Speed: 5.24 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.63"SP		1"SP		1.5"SP		2"SP		2.75"SP		3.75"SP		4.5"SP		5"SP		5.5"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
500	2620	763																					
		0.07	1.85																				
900	4716	1985		1607		1175																	
		0.26	1.38	0.29	1.52	0.31	1.46																
1150	6026	2667		2380		2079		1635															
		0.51	1.05	0.55	1.23	0.59	1.34	0.63	1.33														
1300	6812	3059		2811		2549		2183		1777													
		0.72	0.90	0.78	1.07	0.82	1.20	0.87	1.28	0.91	1.27												
1450	7598	3448		3228		2997		2679		2342		1750											
		0.98	0.78	1.06	0.94	1.11	1.08	1.16	1.19	1.23	1.23	1.23	1.22										
1600	8384	3833		3636		3430		3146		2853		2379		1395									
		1.30	0.69	1.40	0.84	1.46	0.96	1.52	1.09	1.59	1.17	1.69	1.19	1.45	1.12								
1750	9170	4216		4036		3851		3594		3332		2921		2307									
		1.69	0.62	1.80	0.75	1.88	0.87	1.95	0.99	2.02	1.09	2.14	1.15	2.22	1.15								
1850	9694	4471		4300		4127		3886		3640		3260		2708		2213		1636					
		1.98	0.58	2.11	0.71	2.19	0.81	2.28	0.93	2.35	1.03	2.47	1.12	2.62	1.14	2.55	1.14	2.25	1.08				
1950	10218	4725		4562		4400		4173		3941		3585		3079		2665		2332		1806			
		2.31	0.55	2.45	0.66	2.55	0.76	2.64	0.88	2.72	0.98	2.84	1.08	3.02	1.13	3.08	1.13	2.99	1.12	2.66	1.09		
2100	11004	5106		4953		4803		4596		4382		4056		3604		3241		2987		2709		1943	
		2.86	0.51	3.02	0.61	3.14	0.70	3.26	0.81	3.35	0.90	3.47	1.01	3.65	1.09	3.80	1.11	3.85	1.11	3.82	1.11	3.32	1.07

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

200 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2945				Max BHP: (RPM/1113) ^{^3}				Outlet Area: 2.35 Sq.Ft.				Wheel Diameter: 20"				Tip Speed: 5.24 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2200	11528	8870		8614		8360		8105		7604		7097		6527		4953							
		6.19	0.64	6.30	0.76	6.56	0.85	6.87	0.92	7.39	1.03	7.68	1.13	7.72	1.22	7.27	1.30						
2300	12052	9296		9051		8808		8564		8082		7604		7090		5759							
		7.08	0.62	7.17	0.73	7.41	0.82	7.73	0.88	8.32	0.99	8.69	1.09	8.83	1.18	8.56	1.29						
2400	12576	9721		9486		9253		9019		8555		8099		7625		6463		4680					
		8.05	0.59	8.11	0.70	8.34	0.79	8.66	0.85	9.31	0.96	9.77	1.05	10.00	1.13	9.88	1.27	8.83	1.28				
2500	13100	10146		9919		9696		9472		9025		8585		8141		7106		5664					
		9.11	0.57	9.14	0.68	9.36	0.76	9.67	0.82	10.36	0.93	10.91	1.01	11.23	1.09	11.27	1.23	10.69	1.28				
2600	13624	10570		10351		10136		9921		9490		9066		8644		7706		6470		5141			
		10.25	0.56	10.26	0.65	10.46	0.73	10.76	0.80	11.48	0.90	12.11	0.98	12.53	1.06	12.75	1.20	12.34	1.28	11.32	1.26		
2700	14148	10994		10782		10574		10367		9953		9542		9137		8272		7184		6116			
		11.49	0.54	11.47	0.63	11.65	0.71	11.94	0.77	12.68	0.87	13.38	0.95	13.89	1.02	14.29	1.16	14.03	1.26	13.47	1.27		
2800	14672	11417		11211		11011		10812		10412		10014		9623		8813		7841		6926		5179	
		12.83	0.53	12.78	0.61	12.94	0.69	13.22	0.75	13.97	0.85	14.72	0.92	15.31	0.99	15.91	1.12	15.80	1.23	15.39	1.27	13.55	1.26
2850	14934	11628		11426		11229		11033		10640		10249		9863		9076		8152		7295		5752	
		13.54	0.52	13.47	0.60	13.62	0.68	13.89	0.74	14.64	0.83	15.42	0.91	16.06	0.98	16.74	1.11	16.72	1.21	16.36	1.26	15.08	1.25
2900	15196	11839		11640		11446		11254		10868		10483		10103		9336		8454		7648		6255	
		14.27	0.51	14.19	0.59	14.32	0.67	14.59	0.73	15.34	0.82	16.14	0.90	16.81	0.96	17.59	1.09	17.66	1.20	17.35	1.25	16.39	1.26
2945	15432	12029		11833		11642		11452		11072		10693		10318		9566		8719		7953		6664	
		14.95	0.51	14.86	0.59	14.98	0.66	15.24	0.72	15.99	0.81	16.81	0.89	17.51	0.95	18.38	1.07	18.52	1.18	18.26	1.24	17.47	1.26

80% Width

Maximum RPM: 2945				Max BHP: (RPM/1190) ^{^3}				Outlet Area: 2.2 Sq.Ft.				Wheel Diameter: 20"				Tip Speed: 5.24 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2200	11528	7583		7357		7131		6894		6409		5895		5300		3812							
		5.22	0.60	5.40	0.72	5.59	0.81	5.78	0.89	6.06	1.03	6.21	1.14	6.28	1.21	6.17	1.19						
2300	12052	7950		7731		7516		7293		6831		6353		5818		4526							
		5.95	0.58	6.13	0.69	6.33	0.78	6.54	0.86	6.86	0.99	7.05	1.10	7.15	1.18	7.21	1.20						
2400	12576	8315		8103		7899		7687		7247		6796		6309		5135		3317					
		6.75	0.56	6.93	0.66	7.14	0.75	7.35	0.82	7.72	0.95	7.96	1.05	8.08	1.14	8.20	1.21	7.27	1.11				
2500	13100	8680		8474		8278		8077		7657		7228		6778		5708		4367					
		7.61	0.54	7.80	0.63	8.01	0.72	8.24	0.79	8.64	0.91	8.93	1.01	9.09	1.10	9.25	1.20	9.07	1.17				
2600	13624	9045		8844		8656		8464		8064		7653		7230		6255		5081		3688			
		8.54	0.52	8.74	0.61	8.96	0.69	9.19	0.76	9.63	0.88	9.96	0.98	10.17	1.06	10.37	1.18	10.40	1.18	9.36	1.11		
2700	14148	9409		9214		9031		8848		8466		8072		7671		6776		5697		4714			
		9.55	0.51	9.75	0.59	9.98	0.66	10.21	0.73	10.68	0.85	11.06	0.94	11.32	1.03	11.57	1.15	11.68	1.19	11.42	1.16		
2800	14672	9773		9582		9405		9230		8865		8486		8102		7273		6276		5434			
		10.64	0.49	10.84	0.57	11.07	0.64	11.32	0.71	11.81	0.82	12.23	0.91	12.53	0.99	12.86	1.13	13.00	1.18	12.98	1.17		
2850	14934	9955		9766		9592		9420		9063		8692		8315		7514		6557		5751		4192	
		11.22	0.49	11.42	0.56	11.65	0.63	11.90	0.70	12.40	0.80	12.84	0.90	13.17	0.98	13.53	1.11	13.70	1.18	13.73	1.18	12.56	1.11
2900	15196	10137		9950		9778		9609		9260		8896		8527		7750		6832		6056		4737	
		11.81	0.48	12.02	0.55	12.25	0.62	12.50	0.68	13.01	0.79	13.47	0.88	13.83	0.96	14.23	1.09	14.41	1.17	14.47	1.18	13.85	1.13
2945	15432	10300		10115		9945		9779		9437		9079		8716		7960		7075		6322		5136	
		12.36	0.47	12.57	0.55	12.80	0.61	13.06	0.67	13.58	0.78	14.06	0.87	14.43	0.95	14.87	1.08	15.07	1.16	15.15	1.18	14.82	1.15

200 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 2945				Max BHP: (RPM/1341) ^{^3}				Outlet Area: 1.95 Sq.Ft.				Wheel Diameter: 20"				Tip Speed: 5.24 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
2200	11528	5260		5070		4874		4671		4257		3827		3367		2039							
		3.40	0.55	3.58	0.66	3.71	0.77	3.81	0.86	3.98	1.00	4.18	1.08	4.37	1.10	3.82	1.06						
2300	12052	5516		5334		5148		4956		4561		4157		3729		2721							
		3.86	0.52	4.06	0.63	4.21	0.73	4.32	0.82	4.50	0.96	4.69	1.05	4.91	1.08	4.88	1.09						
2400	12576	5772		5597		5420		5238		4861		4478		4077		3191							
		4.37	0.50	4.58	0.60	4.74	0.69	4.87	0.78	5.07	0.92	5.25	1.02	5.48	1.07	5.73	1.08						
2500	13100	6027		5858		5690		5516		5157		4791		4413		3594		2360					
		4.91	0.48	5.14	0.57	5.32	0.66	5.46	0.74	5.68	0.88	5.87	0.98	6.09	1.04	6.49	1.07	5.64	1.05				
2600	13624	6282		6119		5958		5792		5448		5098		4740		3972		3042					
		5.50	0.46	5.75	0.55	5.94	0.63	6.10	0.71	6.34	0.84	6.54	0.95	6.75	1.02	7.22	1.07	7.02	1.07				
2700	14148	6536		6379		6224		6065		5737		5400		5059		4336		3526		2546			
		6.14	0.44	6.40	0.53	6.61	0.61	6.78	0.68	7.05	0.81	7.25	0.91	7.47	0.99	7.97	1.06	8.14	1.06	7.11	1.03		
2800	14672	6790		6637		6488		6337		6022		5698		5371		4687		3939		3240			
		6.82	0.43	7.10	0.51	7.33	0.58	7.51	0.65	7.80	0.77	8.03	0.88	8.24	0.96	8.75	1.04	9.13	1.06	8.73	1.06		
2850	14934	6917		6766		6620		6471		6164		5846		5525		4859		4134		3502			
		7.19	0.42	7.47	0.50	7.70	0.57	7.90	0.64	8.20	0.76	8.43	0.86	8.65	0.94	9.16	1.04	9.60	1.05	9.42	1.05		
2900	15196	7044		6895		6751		6606		6304		5993		5678		5028		4324		3736			
		7.56	0.41	7.85	0.49	8.09	0.56	8.30	0.63	8.61	0.74	8.85	0.84	9.07	0.93	9.58	1.03	10.07	1.05	10.06	1.05		
2945	15432	7158		7011		6869		6726		6431		6125		5815		5179		4492		3932		2770	
		7.90	0.41	8.21	0.48	8.46	0.55	8.66	0.62	8.99	0.73	9.25	0.83	9.47	0.91	9.97	1.02	10.50	1.05	10.59	1.05	9.21	1.02

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

222 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1888				Max BHP: (RPM/932) ^{^3}				Outlet Area: 2.91 Sq.Ft.				Wheel Diameter: 22.25"				Tip Speed: 5.83 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.63"SP		1"SP		1.5"SP		2"SP		2.75"SP		3.5"SP		4.5"SP		4.75"SP		6"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
410	2391	1406																					
		0.13	1.77																				
600	3498	2871		1893																			
		0.31	1.55	0.31	1.58																		
750	4373	3855		3215		2320																	
		0.50	1.40	0.56	1.55	0.53	1.57																
900	5247	4785		4283		3732		2629															
		0.76	1.27	0.86	1.40	0.90	1.51	0.84	1.53														
1050	6122	5699		5254		4817		4154		3190													
		1.16	1.08	1.30	1.22	1.40	1.32	1.43	1.45	1.34	1.47												
1200	6996	6592		6203		5817		5301		4691		3316											
		1.72	0.93	1.85	1.08	2.01	1.17	2.13	1.29	2.12	1.39	1.91	1.40										
1350	7871	7478		7132		6786		6333		5864		4994		3684									
		2.44	0.82	2.55	0.97	2.74	1.06	2.94	1.16	3.04	1.26	2.99	1.37	2.71	1.36								
1500	8745	8359		8046		7734		7322		6915		6254		5417		3667							
		3.35	0.73	3.42	0.88	3.62	0.97	3.90	1.06	4.08	1.14	4.18	1.26	4.09	1.34	3.45	1.33						
1750	10203	9819		9547		9281		8924		8571		8048		7494		6599		6335		4546			
		5.34	0.63	5.35	0.75	5.52	0.84	5.85	0.93	6.16	1.00	6.49	1.10	6.63	1.20	6.55	1.29	6.49	1.31	5.72	1.30		
1888	11007	10621		10368		10120		9791		9461		8975		8485		7759		7554		6325		4676	
		6.72	0.59	6.69	0.70	6.83	0.79	7.16	0.88	7.52	0.94	7.97	1.03	8.24	1.12	8.32	1.22	8.30	1.24	8.01	1.30	6.94	1.29

80% Width

Maximum RPM: 1888				Max BHP: (RPM/998) ^{^3}				Outlet Area: 2.72 Sq.Ft.				Wheel Diameter: 22.25"				Tip Speed: 5.83 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.5"SP		1.5"SP		2"SP		2.75"SP		2.75"SP		3.5"SP		4.38"SP		6"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM			
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
410	2391	1096																					
		0.09	1.87																				
600	3498	2405		2156		1850																	
		0.24	1.68	0.24	1.72	0.25	1.70																
750	4373	3279		3078		2876																	
		0.40	1.46	0.44	1.47	0.44	1.53																
900	5247	4091		3935		3778		2034															
		0.65	1.23	0.67	1.30	0.70	1.35	0.74	1.37														
1050	6122	4872		4740		4603		3357		2476													
		1.02	1.02	1.05	1.09	1.07	1.15	1.21	1.38	1.18	1.32												
1200	6996	5638		5527		5411		4410		3769		2311		2311									
		1.47	0.89	1.53	0.93	1.57	0.99	1.75	1.29	1.77	1.33	1.49	1.28	1.49	1.28								
1350	7871	6394		6299		6200		5325		4853		3966		3966		2461							
		2.01	0.80	2.11	0.83	2.18	0.87	2.39	1.18	2.48	1.26	2.49	1.31	2.49	1.31	1.92	1.31						
1500	8745	7149		7053		6961		6197		5793		5106		5106		4286		2766					
		2.81	0.70	2.85	0.75	2.89	0.79	3.23	1.06	3.32	1.16	3.39	1.26	3.39	1.26	3.41	1.27	2.98	1.16				
1750	10203	8404		8317		8235		7596		7258		6739		6739		6164		5374		3119			
		4.43	0.60	4.47	0.64	4.52	0.67	4.93	0.91	5.11	1.00	5.28	1.11	5.28	1.11	5.36	1.20	5.41	1.24	4.66	1.11		
1888	11007	9095		9012		8934		8346		8036		7563		7563		7068		6408		4951		3320	
		5.55	0.56	5.59	0.59	5.64	0.63	6.09	0.84	6.30	0.93	6.53	1.04	6.53	1.04	6.67	1.13	6.75	1.20	6.77	1.20	5.81	1.09

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

222 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1888				Max BHP: (RPM/1125)^³				Outlet Area: 2.4 Sq.Ft.				Wheel Diameter: 22.25"				Tip Speed: 5.83 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1.38"SP		1.88"SP		2.5"SP		2.75"SP		3.25"SP		4"SP		5.5"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
410	2391	741																					
		0.07	1.81																				
600	3498	1598		1402		833																	
		0.16	1.66	0.16	1.68	0.15	1.72																
750	4373	2220		2051		1530																	
		0.27	1.44	0.28	1.49	0.31	1.49																
900	5247	2815		2674		2254		1327															
		0.42	1.23	0.44	1.29	0.48	1.43	0.47	1.36														
1050	6122	3360		3247		2890		2245		1572													
		0.66	1.01	0.68	1.08	0.73	1.24	0.81	1.31	0.76	1.28												
1200	6996	3899		3802		3497		2958		2491		1710											
		0.96	0.86	0.99	0.92	1.06	1.08	1.14	1.23	1.21	1.24	1.11	1.21										
1350	7871	4432		4346		4081		3610		3221		2696		2463		1750							
		1.34	0.74	1.38	0.80	1.47	0.94	1.57	1.12	1.65	1.19	1.74	1.19	1.74	1.18	1.51	1.15						
1500	8745	4962		4884		4649		4231		3890		3447		3258		2862		1969					
		1.82	0.65	1.87	0.70	1.98	0.83	2.10	1.01	2.18	1.10	2.30	1.15	2.34	1.16	2.39	1.15	2.09	1.12				
1750	10203	5839		5770		5570		5222		4935		4574		4425		4118		3631		2200			
		2.84	0.55	2.91	0.58	3.06	0.69	3.23	0.85	3.33	0.95	3.45	1.04	3.50	1.07	3.61	1.10	3.76	1.11	3.27	1.06		
1888	11007	6320		6256		6070		5752		5489		5157		5021		4747		4316		3355		2410	
		3.55	0.50	3.62	0.54	3.79	0.63	4.00	0.78	4.12	0.87	4.24	0.97	4.29	1.00	4.40	1.05	4.59	1.09	4.73	1.09	4.12	1.05

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

222 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2465				Max BHP: (RPM/932) ^{^3}				Outlet Area: 2.91 Sq.Ft.				Wheel Diameter: 22.25"				Tip Speed: 5.83 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1900	11077	10522		10194		9865		9537		8892		8225		7440		5064							
		6.80	0.66	6.96	0.78	7.28	0.87	7.65	0.94	8.22	1.06	8.47	1.16	8.43	1.26	7.44	1.28						
1950	11369	10817		10496		10176		9856		9226		8586		7856		5781							
		7.35	0.64	7.49	0.77	7.81	0.85	8.19	0.92	8.82	1.03	9.13	1.14	9.15	1.23	8.49	1.29						
2000	11660	11110		10798		10486		10174		9558		8940		8256		6395							
		7.93	0.63	8.06	0.75	8.37	0.83	8.76	0.90	9.43	1.01	9.81	1.11	9.89	1.20	9.40	1.29						
2050	11952	11404		11098		10794		10489		9887		9289		8642		6946							
		8.54	0.62	8.65	0.73	8.96	0.82	9.35	0.88	10.07	0.99	10.51	1.09	10.66	1.18	10.28	1.29						
2100	12243	11697		11398		11102		10804		10214		9632		9017		7455							
		9.19	0.60	9.28	0.71	9.58	0.80	9.97	0.87	10.73	0.97	11.24	1.07	11.45	1.15	11.17	1.28						
2150	12535	11990		11698		11408		11117		10540		9972		9383		7932		5672					
		9.86	0.59	9.94	0.70	10.23	0.78	10.62	0.85	11.42	0.95	11.98	1.04	12.26	1.13	12.09	1.26	10.71	1.26				
2200	12826	12282		11996		11713		11429		10864		10308		9741		8386		6407					
		10.57	0.58	10.63	0.69	10.90	0.77	11.30	0.83	12.13	0.94	12.75	1.02	13.09	1.11	13.03	1.25	12.10	1.27				
2250	13118	12574		12294		12018		11740		11186		10642		10093		8819		7042					
		11.31	0.57	11.35	0.67	11.62	0.75	12.01	0.82	12.86	0.92	13.55	1.00	13.95	1.09	14.01	1.23	13.30	1.27				
2350	13701	13158		12889		12624		12359		11827		11304		10784		9639		8141		6551			
		12.90	0.55	12.90	0.65	13.14	0.73	13.52	0.79	14.42	0.89	15.21	0.97	15.74	1.05	16.04	1.18	15.57	1.27	14.44	1.25		
2465	14371	13828		13571		13318		13065		12558		12056		11561		10522		9244		8009		6258	
		14.91	0.53	14.87	0.62	15.07	0.70	15.43	0.76	16.36	0.86	17.25	0.93	17.92	1.00	18.52	1.14	18.27	1.24	17.68	1.26	15.73	1.25

80% Width

Maximum RPM: 2465				Max BHP: (RPM/996) ^{^3}				Outlet Area: 2.72 Sq.Ft.				Wheel Diameter: 22.25"				Tip Speed: 5.83 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		11.75"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1900	11077	8994		8705		8410		8103		7474		6787		5976		3571							
		5.75	0.62	5.96	0.74	6.19	0.84	6.41	0.92	6.71	1.06	6.85	1.17	6.92	1.22	6.11	1.12						
1950	11369	9247		8963		8678		8381		7770		7118		6356		4378							
		6.20	0.61	6.42	0.72	6.66	0.82	6.88	0.90	7.22	1.04	7.38	1.14	7.46	1.21	7.17	1.16						
2000	11660	9499		9222		8945		8657		8063		7440		6723		4963							
		6.68	0.59	6.90	0.70	7.14	0.80	7.38	0.88	7.74	1.01	7.94	1.12	8.03	1.19	7.97	1.18						
2050	11952	9751		9479		9210		8931		8353		7755		7079		5446							
		7.18	0.58	7.41	0.69	7.66	0.78	7.90	0.86	8.30	0.99	8.52	1.10	8.63	1.17	8.68	1.19						
2100	12243	10003		9736		9475		9203		8641		8063		7425		5883							
		7.71	0.57	7.94	0.67	8.19	0.76	8.45	0.84	8.87	0.97	9.12	1.07	9.26	1.16	9.36	1.20						
2150	12535	10255		9992		9737		9474		8927		8367		7760		6296		3961					
		8.26	0.56	8.50	0.66	8.75	0.74	9.01	0.82	9.47	0.94	9.75	1.05	9.91	1.14	10.05	1.20	8.77	1.09				
2200	12826	10506		10248		9999		9744		9211		8666		8087		6696		4811					
		8.84	0.54	9.08	0.64	9.34	0.73	9.61	0.80	10.09	0.92	10.41	1.03	10.59	1.12	10.76	1.19	10.19	1.13				
2250	13118	10757		10503		10260		10012		9493		8962		8407		7086		5436					
		9.45	0.53	9.69	0.63	9.95	0.71	10.23	0.78	10.73	0.90	11.09	1.01	11.29	1.09	11.49	1.19	11.28	1.16				
2350	13701	11259		11012		10780		10544		10052		9546		9028		7836		6402		4791			
		10.75	0.52	10.99	0.60	11.26	0.68	11.55	0.75	12.10	0.87	12.52	0.97	12.78	1.05	13.04	1.17	13.10	1.18	12.03	1.11		
2465	14371	11836		11596		11374		11151		10688		10208		9721		8650		7358		6236		4692	
		12.38	0.50	12.63	0.58	12.91	0.65	13.21	0.72	13.80	0.83	14.29	0.92	14.63	1.01	14.98	1.14	15.14	1.18	14.98	1.16	13.42	1.08

222 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 2465	Max BHP: (RPM/1122) ^{^3}	Outlet Area: 2.4 Sq.Ft.	Wheel Diameter: 22.25"	Tip Speed: 5.83 X RPM	Max Motor Frame Size: 256T
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RPM	Tip Speed	0.5"SP		1"SP		1.5"SP		2"SP		3"SP		4"SP		5"SP		7"SP		9"SP		10.5"SP		11"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1900	11077	6236		5990		5736		5473		4937		4373		3764									
		3.75	0.57	3.95	0.69	4.10	0.80	4.22	0.89	4.42	1.03	4.66	1.09	4.85	1.09								
1950	11369	6413		6174		5927		5672		5151		4609		4026									
		4.04	0.55	4.26	0.67	4.42	0.77	4.54	0.86	4.74	1.00	4.98	1.07	5.21	1.09								
2000	11660	6589		6356		6117		5870		5363		4840		4281		2780							
		4.34	0.54	4.57	0.65	4.74	0.75	4.87	0.84	5.08	0.98	5.32	1.06	5.58	1.08	5.07	1.07						
2050	11952	6766		6538		6306		6066		5573		5067		4529		3235							
		4.66	0.52	4.90	0.63	5.08	0.73	5.22	0.82	5.44	0.96	5.68	1.04	5.95	1.08	5.81	1.07						
2100	12243	6942		6720		6494		6261		5781		5290		4773		3595							
		5.00	0.51	5.25	0.61	5.44	0.71	5.59	0.79	5.82	0.93	6.05	1.03	6.32	1.07	6.45	1.07						
2150	12535	7118		6901		6681		6454		5987		5510		5011		3906							
		5.35	0.50	5.61	0.60	5.81	0.69	5.97	0.77	6.21	0.91	6.44	1.01	6.72	1.06	7.01	1.07						
2200	12826	7294		7081		6867		6647		6191		5727		5245		4192							
		5.72	0.48	5.99	0.58	6.20	0.67	6.37	0.75	6.62	0.89	6.86	0.99	7.13	1.05	7.54	1.06						
2250	13118	7469		7261		7053		6838		6394		5941		5475		4463		2954					
		6.10	0.47	6.39	0.57	6.61	0.66	6.78	0.73	7.05	0.87	7.29	0.97	7.56	1.03	8.06	1.06	7.04	1.03				
2350	13701	7820		7619		7421		7217		6795		6363		5924		4982		3861					
		6.92	0.45	7.23	0.54	7.47	0.62	7.67	0.70	7.97	0.83	8.21	0.93	8.48	1.00	9.07	1.05	8.91	1.05				
2465	14371	8222		8030		7841		7649		7250		6840		6426		5552		4587		3561		2982	
		7.95	0.43	8.28	0.52	8.55	0.59	8.77	0.66	9.11	0.79	9.38	0.89	9.64	0.97	10.26	1.04	10.60	1.05	9.67	1.04	9.06	0.98

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

245 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1714				Max BHP: (RPM/793)^3				Outlet Area: 3.52 Sq.Ft.				Wheel Diameter: 24.5"				Tip Speed: 6.41 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.63"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4.38"SP		5.38"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
375	2404	1737																					
		0.16	1.75																				
450	2885	2537																					
		0.24	1.69																				
600	3846	3980		3054		2363																	
		0.47	1.48	0.50	1.60	0.47	1.76																
750	4808	5248		4569		3781																	
		0.75	1.33	0.85	1.46	0.86	1.57																
900	5769	6480		5910		5345		4404															
		1.19	1.15	1.35	1.28	1.45	1.38	1.43	1.50														
1050	6731	7677		7188		6704		6043		5218		4042											
		1.87	0.96	2.03	1.12	2.21	1.21	2.32	1.33	2.28	1.42	2.12	1.41										
1200	7692	8862		8434		8005		7444		6855		6146		5242		3887							
		2.77	0.83	2.91	0.99	3.14	1.08	3.37	1.18	3.46	1.28	3.43	1.35	3.31	1.38	2.84	1.36						
1350	8654	10039		9656		9275		8771		8273		7746		7139		6410		4530					
		3.95	0.73	4.05	0.88	4.29	0.97	4.61	1.06	4.83	1.15	4.92	1.23	4.91	1.30	4.81	1.34	4.15	1.32				
1500	9615	11210		10863		10520		10063		9613		9164		8693		8168		7036		5109			
		5.43	0.66	5.48	0.79	5.70	0.89	6.08	0.98	6.41	1.05	6.64	1.12	6.74	1.19	6.75	1.25	6.58	1.32	5.76	1.30		
1714	10987	12873		12566		12266		11866		11466		11072		10681		10282		9516		8459		5655	
		8.13	0.58	8.10	0.70	8.28	0.79	8.67	0.87	9.11	0.94	9.50	1.00	9.79	1.06	9.98	1.11	10.08	1.20	9.92	1.28	8.39	1.28

80% Width

Maximum RPM: 1714				Max BHP: (RPM/849) ^3				Outlet Area: 3.28 Sq.Ft.				Wheel Diameter: 24.5"				Tip Speed: 6.41 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.88"SP		1.25"SP		1.75"SP		2.5"SP		2.88"SP		3.38"SP		4.25"SP		5.25"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
375	2404	1361																					
		0.11	1.87																				
450	2885	2121		1120																			
		0.17	1.95	0.17	1.59																		
600	3846	3358		2790		1576																	
		0.37	1.53	0.38	1.67	0.36	1.45																
750	4808	4484		4046		3313		2347															
		0.62	1.34	0.69	1.42	0.74	1.48	0.71	1.41														
900	5769	5537		5190		4646		4013		2952													
		1.05	1.08	1.10	1.22	1.18	1.35	1.24	1.38	1.22	1.34												
1050	6731	6562		6277		5805		5346		4589		2992											
		1.64	0.90	1.72	1.02	1.77	1.19	1.87	1.27	1.94	1.33	1.80	1.25										
1200	7692	7574		7333		6927		6518		5968		4909		4339		2763							
		2.38	0.79	2.55	0.87	2.58	1.03	2.65	1.15	2.80	1.23	2.83	1.30	2.82	1.30	2.02	1.33						
1350	8654	8586		8357		8014		7662		7175		6379		5908		5231		3513					
		3.32	0.70	3.41	0.80	3.58	0.92	3.73	1.01	3.88	1.11	3.98	1.23	4.01	1.26	4.03	1.26	3.61	1.16				
1500	9615	9592		9379		9074		8766		8333		7666		7300		6766		5714		3894			
		4.53	0.63	4.63	0.71	4.81	0.82	4.99	0.91	5.20	1.01	5.39	1.13	5.44	1.18	5.48	1.23	5.53	1.24	4.95	1.14		
1714	10987	11024		10828		10558		10297		9928		9357		9064		8665		7891		6859		4008	
		6.72	0.56	6.83	0.62	7.03	0.72	7.23	0.80	7.51	0.89	7.83	1.00	7.95	1.05	8.06	1.11	8.17	1.19	8.24	1.21	7.03	1.08

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

245 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1714				Max BHP: (RPM/957) ^{^3}				Outlet Area: 2.93 Sq.Ft.				Wheel Diameter: 24.5"				Tip Speed: 6.41 X RPM				Max Motor Frame Size: 215T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.88"SP		1.25"SP		1.75"SP		2"SP		2.25"SP		3"SP		4"SP		4.75"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
375	2404	917																					
		0.08	1.80																				
450	2885	1408																					
		0.13	1.78																				
600	3846	2247		1797																			
		0.25	1.51	0.26	1.60																		
750	4808	3061		2686		2090																	
		0.41	1.32	0.44	1.43	0.49	1.43																
900	5769	3814		3515		3041		2540		1563													
		0.68	1.08	0.72	1.21	0.77	1.33	0.83	1.33	0.73	1.26												
1050	6731	4537		4289		3890		3490		2904		2581		2164									
		1.05	0.89	1.11	1.01	1.17	1.15	1.23	1.24	1.32	1.24	1.33	1.23	1.25	1.21								
1200	7692	5251		5037		4695		4352		3873		3620		3357		2351							
		1.53	0.75	1.62	0.86	1.71	1.00	1.77	1.10	1.86	1.18	1.91	1.19	1.96	1.18	1.82	1.16						
1350	8654	5958		5768		5472		5171		4756		4544		4326		3630		2181					
		2.15	0.65	2.26	0.74	2.37	0.87	2.45	0.97	2.55	1.08	2.60	1.11	2.66	1.14	2.81	1.14	2.41	1.06				
1500	9615	6662		6489		6227		5961		5591		5405		5216		4628		3765		2829			
		2.92	0.57	3.05	0.66	3.19	0.77	3.30	0.87	3.41	0.97	3.46	1.02	3.52	1.05	3.71	1.11	3.87	1.11	3.49	1.09		
1714	10987	7661		7506		7279		7053		6736		6574		6412		5919		5229		4674		2912	
		4.30	0.49	4.46	0.56	4.65	0.66	4.80	0.74	4.96	0.84	5.02	0.89	5.08	0.93	5.26	1.02	5.56	1.08	5.74	1.08	4.98	1.04

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

245 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2200				Max BHP: (RPM/793) ^{^3}				Outlet Area: 3.52 Sq.Ft.				Wheel Diameter: 24.5"				Tip Speed: 6.41 X RPM				Max Motor Frame Size: 286T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		11.8"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1750	11218	12950		12558		12165		11772		11000		10210		9296		6629							
		8.60	0.65	8.78	0.77	9.17	0.86	9.62	0.93	10.35	1.04	10.70	1.14	10.69	1.24	9.74	1.28						
1800	11538	13343		12961		12579		12197		11444		10687		9838		7497							
		9.36	0.63	9.52	0.75	9.90	0.84	10.37	0.91	11.16	1.01	11.59	1.12	11.67	1.21	11.01	1.28						
1850	11859	13735		13362		12991		12619		11885		11154		10359		8255							
		10.16	0.62	10.30	0.73	10.68	0.82	11.15	0.89	12.01	0.99	12.52	1.09	12.68	1.18	12.19	1.28						
1900	12179	14126		13763		13402		13040		12322		11614		10862		8944							
		11.01	0.60	11.13	0.71	11.49	0.80	11.97	0.87	12.88	0.97	13.48	1.07	13.73	1.15	13.37	1.27						
1950	12500	14517		14163		13811		13458		12757		12068		11352		9586		6822					
		11.91	0.59	12.00	0.70	12.35	0.78	12.83	0.85	13.79	0.95	14.48	1.04	14.81	1.13	14.59	1.26	12.88	1.26				
2000	12820	14908		14561		14219		13875		13190		12517		11830		10192		7806					
		12.86	0.58	12.92	0.68	13.26	0.77	13.74	0.83	14.74	0.93	15.50	1.02	15.92	1.10	15.85	1.24	14.74	1.26				
2050	13141	15298		14959		14625		14290		13620		12962		12300		10768		8644					
		13.85	0.57	13.90	0.67	14.21	0.75	14.69	0.81	15.73	0.91	16.57	1.00	17.07	1.08	17.16	1.22	16.33	1.26				
2100	13461	15688		15357		15030		14703		14049		13405		12762		11321		9393		7232			
		14.90	0.56	14.92	0.65	15.22	0.73	15.68	0.80	16.76	0.90	17.67	0.98	18.25	1.06	18.51	1.20	17.84	1.26	15.91	1.25		
2150	13782	16077		15753		15434		15115		14475		13844		13219		11853		10083		8244			
		16.00	0.55	15.99	0.64	16.28	0.72	16.73	0.78	17.83	0.88	18.80	0.96	19.48	1.04	19.90	1.17	19.36	1.26	18.16	1.25		
2200	14102	16466		16149		15837		15525		14900		14281		13671		12369		10731		9109		7049	
		17.15	0.54	17.12	0.63	17.38	0.70	17.83	0.77	18.94	0.87	19.98	0.94	20.73	1.02	21.33	1.15	20.92	1.24	20.06	1.25	17.36	1.24

80% Width

Maximum RPM: 2200				Max BHP: (RPM/848) ^{^3}				Outlet Area: 3.28 Sq.Ft.				Wheel Diameter: 24.5"				Tip Speed: 6.41 X RPM				Max Motor Frame Size: 286T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		11.5"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1750	11218	11071		10723		10373		10007		9256		8447		7496		4904							
		7.26	0.61	7.52	0.73	7.81	0.83	8.08	0.91	8.46	1.04	8.65	1.15	8.74	1.20	8.16	1.13						
1800	11538	11407		11068		10730		10376		9649		8882		7993		5782							
		7.89	0.60	8.15	0.71	8.45	0.80	8.73	0.88	9.16	1.02	9.38	1.12	9.49	1.19	9.34	1.17						
1850	11859	11744		11412		11084		10743		10038		9304		8473		6459							
		8.55	0.58	8.82	0.69	9.12	0.78	9.42	0.86	9.88	0.99	10.14	1.10	10.27	1.17	10.31	1.18						
1900	12179	12080		11755		11437		11107		10423		9718		8937		7051							
		9.25	0.57	9.52	0.67	9.83	0.76	10.13	0.84	10.64	0.97	10.95	1.07	11.10	1.15	11.22	1.19						
1950	12500	12416		12097		11789		11469		10804		10124		9386		7606		4732					
		9.98	0.56	10.26	0.66	10.57	0.74	10.89	0.82	11.44	0.94	11.78	1.05	11.97	1.13	12.14	1.19	10.52	1.08				
2000	12820	12752		12439		12138		11829		11184		10524		9823		8141		5872					
		10.76	0.54	11.04	0.64	11.36	0.72	11.68	0.80	12.26	0.92	12.65	1.02	12.87	1.11	13.08	1.19	12.42	1.13				
2050	13141	13087		12780		12487		12187		11560		10919		10249		8660		6688					
		11.57	0.53	11.86	0.62	12.18	0.71	12.51	0.78	13.13	0.90	13.56	1.00	13.82	1.09	14.06	1.18	13.85	1.15				
2100	13461	13423		13120		12834		12543		11934		11310		10665		9164		7352		4932			
		12.42	0.52	12.72	0.61	13.04	0.69	13.38	0.76	14.03	0.88	14.51	0.98	14.80	1.06	15.08	1.17	15.08	1.16	12.95	1.05		
2150	13782	13758		13459		13180		12897		12305		11697		11075		9654		7945		6143			
		13.32	0.51	13.61	0.60	13.95	0.68	14.29	0.74	14.97	0.86	15.49	0.96	15.83	1.04	16.15	1.16	16.26	1.17	15.26	1.11		
2200	14102	14092		13798		13525		13249		12675		12082		11478		10130		8504		7013		5228	
		14.26	0.50	14.56	0.59	14.89	0.66	15.25	0.73	15.95	0.84	16.51	0.94	16.89	1.02	17.27	1.14	17.43	1.17	17.01	1.14	14.97	1.05

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

245 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 2200	Max BHP: (RPM/957) ³	Outlet Area: 2.93 Sq.Ft.	Wheel Diameter: 24.5"	Tip Speed: 6.41 X RPM	Max Motor Frame Size: 286T
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RPM	Tip Speed	0.5"SP		1"SP		1.5"SP		2"SP		3"SP		4"SP		5"SP		7"SP		9"SP		10"SP		10.6"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1750	11218	7676		7383		7080		6766		6126		5457		4736									
		4.73	0.55	4.99	0.67	5.18	0.78	5.32	0.87	5.57	1.00	5.86	1.07	6.12	1.08								
1800	11538	7912		7627		7334		7031		6411		5768		5080		3126							
		5.13	0.53	5.40	0.65	5.60	0.75	5.76	0.84	6.01	0.98	6.30	1.06	6.60	1.07	5.81	1.03						
1850	11859	8148		7871		7587		7293		6691		6073		5414		3794							
		5.55	0.52	5.84	0.63	6.05	0.73	6.22	0.81	6.48	0.95	6.77	1.04	7.09	1.07	6.83	1.06						
1900	12179	8383		8113		7838		7554		6969		6372		5741		4295							
		6.00	0.50	6.30	0.61	6.53	0.71	6.70	0.79	6.98	0.93	7.26	1.02	7.60	1.06	7.70	1.06						
1950	12500	8618		8354		8088		7813		7245		6666		6060		4716							
		6.46	0.49	6.78	0.59	7.02	0.68	7.21	0.77	7.50	0.91	7.79	1.00	8.12	1.05	8.47	1.06						
2000	12820	8853		8595		8337		8069		7517		6955		6372		5098							
		6.95	0.48	7.28	0.58	7.54	0.67	7.74	0.75	8.05	0.88	8.34	0.98	8.67	1.04	9.18	1.05						
2050	13141	9087		8835		8584		8325		7788		7241		6679		5459		3683					
		7.47	0.46	7.81	0.56	8.08	0.65	8.30	0.73	8.63	0.86	8.92	0.96	9.24	1.02	9.86	1.05	8.70	1.02				
2100	13461	9322		9075		8830		8578		8056		7524		6980		5807		4327					
		8.01	0.45	8.37	0.55	8.65	0.63	8.88	0.71	9.23	0.84	9.52	0.94	9.85	1.01	10.53	1.05	10.01	1.04				
2150	13782	9555		9314		9075		8830		8323		7804		7276		6147		4830		3713			
		8.57	0.44	8.95	0.53	9.25	0.61	9.49	0.69	9.86	0.82	10.16	0.92	10.48	0.99	11.21	1.04	11.14	1.04	9.89	1.00		
2200	14102	9789		9552		9319		9081		8587		8081		7568		6479		5258		4405		3593	
		9.17	0.43	9.56	0.52	9.87	0.60	10.12	0.67	10.52	0.80	10.83	0.90	11.15	0.97	11.90	1.04	12.13	1.04	11.35	1.03	10.44	0.98

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

270 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1556				Max BHP: (RPM/675) ^{^3}				Outlet Area: 4.26 Sq.Ft.				Wheel Diameter: 27"				Tip Speed: 7.07 X RPM				Max Motor Frame Size: 254T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.88"SP		1"SP		1.63"SP		2.38"SP		3.25"SP		4.25"SP		5.38"SP		6.2"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
340	2404	2105																					
		0.19	1.74																				
450	3182	3640		2611																			
		0.37	1.63	0.36	1.60																		
600	4242	5472		4830		3628		2980															
		0.70	1.41	0.75	1.51	0.74	1.57	0.70	1.51														
750	5303	7148		6645		5884		5617		3439													
		1.13	1.26	1.26	1.34	1.37	1.45	1.37	1.49	1.17	1.50												
900	6363	8762		8343		7711		7514		6346		3961											
		1.92	1.02	2.04	1.13	2.26	1.23	2.30	1.26	2.36	1.41	1.97	1.41										
1050	7424	10353		9993		9446		9275		8380		7086		4573									
		3.02	0.86	3.12	0.98	3.38	1.08	3.47	1.11	3.74	1.24	3.72	1.37	3.10	1.36								
1200	8484	11930		11613		11135		10984		10200		9242		7837		5206							
		4.51	0.75	4.57	0.85	4.83	0.96	4.93	0.99	5.38	1.10	5.62	1.23	5.52	1.33	4.62	1.32						
1350	9545	13498		13214		12789		12654		11951		11127		10097		8580		5853					
		6.43	0.66	6.44	0.76	6.67	0.86	6.77	0.89	7.34	1.00	7.83	1.11	8.01	1.23	7.81	1.31	6.58	1.29				
1450	10252	14540		14273		13877		13752		13095		12325		11419		10199		8362		6308			
		7.99	0.62	7.96	0.71	8.15	0.81	8.25	0.84	8.86	0.94	9.50	1.04	9.88	1.15	9.87	1.26	9.45	1.30	8.17	1.28		
1556	11001	15642		15391		15021		14904		14292		13569		12740		11714		10285		8964		6890	
		9.89	0.58	9.83	0.66	9.98	0.76	10.07	0.78	10.69	0.89	11.45	0.98	12.03	1.08	12.27	1.19	12.06	1.27	11.68	1.29	10.23	1.27

80% Width

Maximum RPM: 1556				Max BHP: (RPM/722) ^{^3}				Outlet Area: 4 Sq.Ft.				Wheel Diameter: 27"				Tip Speed: 7.07 X RPM				Max Motor Frame Size: 254T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.88"SP		1"SP		1.5"SP		2.25"SP		3.1"SP		4.1"SP		5.25"SP		6.1"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
340	2404	1649																					
		0.14	1.86																				
450	3182	3049		1994																			
		0.27	1.81	0.28	1.61																		
600	4242	4647		4032		2839		2338															
		0.55	1.47	0.60	1.54	0.62	1.48	0.59	1.43														
750	5303	6103		5646		4893		4614		3198													
		0.99	1.20	1.06	1.32	1.16	1.41	1.18	1.41	1.15	1.35												
900	6363	7490		7115		6514		6324		5401		3337											
		1.69	0.95	1.76	1.09	1.85	1.24	1.88	1.27	2.00	1.33	1.82	1.25										
1050	7424	8849		8543		8025		7858		7176		5896		3580									
		2.60	0.81	2.77	0.90	2.82	1.07	2.85	1.11	3.01	1.22	3.10	1.30	2.55	1.25								
1200	8484	10202		9920		9493		9352		8754		7800		6470		4083							
		3.79	0.71	3.91	0.81	4.11	0.93	4.17	0.96	4.37	1.08	4.53	1.21	4.59	1.27	4.08	1.15						
1350	9545	11550		11290		10916		10796		10274		9467		8454		7009		4335					
		5.37	0.63	5.49	0.71	5.71	0.82	5.78	0.85	6.06	0.96	6.34	1.09	6.48	1.20	6.55	1.23	5.65	1.11				
1450	10252	12446		12198		11850		11739		11262		10518		9634		8406		6730		4469			
		6.63	0.59	6.76	0.66	6.99	0.76	7.06	0.79	7.37	0.90	7.74	1.02	7.96	1.14	8.08	1.21	8.06	1.20	6.88	1.08		
1556	11001	13394		13157		12829		12727		12291		11604		10806		9765		8340		7135		4895	
		8.17	0.55	8.31	0.62	8.54	0.71	8.62	0.74	8.96	0.84	9.41	0.96	9.73	1.07	9.91	1.17	10.02	1.21	9.94	1.18	8.57	1.07

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

270 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1556				Max BHP: (RPM/814) ³				Outlet Area: 3.54 Sq.Ft.				Wheel Diameter: 27"				Tip Speed: 7.07 X RPM				Max Motor Frame Size: 254T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.88"SP		1"SP		1.5"SP		2.13"SP		2.88"SP		3.75"SP		4.75"SP		5.5"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
340	2404	1111																					
		0.10	1.79																				
450	3182	2028		1225																			
		0.19	1.72	0.19	1.52																		
600	4242	3137		2630		1688																	
		0.37	1.44	0.39	1.54	0.40	1.41																
750	5303	4194		3793		3152		2934		1619													
		0.65	1.18	0.69	1.31	0.75	1.39	0.77	1.37	0.67	1.24												
900	6363	5172		4849		4333		4166		3428		2073											
		1.08	0.94	1.15	1.07	1.22	1.21	1.24	1.24	1.34	1.26	1.18	1.18										
1050	7424	6131		5860		5427		5287		4693		3880		2484									
		1.68	0.78	1.77	0.89	1.87	1.03	1.89	1.07	2.00	1.17	2.14	1.18	1.89	1.13								
1200	8484	7079		6843		6475		6354		5843		5179		4317		2873							
		2.46	0.66	2.59	0.76	2.72	0.89	2.75	0.92	2.87	1.05	3.03	1.13	3.21	1.14	2.83	1.10						
1350	9545	8021		7810		7489		7384		6937		6361		5645		4742		3222					
		3.46	0.58	3.61	0.66	3.79	0.77	3.83	0.80	3.99	0.93	4.15	1.04	4.37	1.10	4.58	1.10	4.03	1.07				
1450	10252	8647		8448		8151		8055		7645		7112		6464		5661		4637		3411			
		4.25	0.53	4.43	0.61	4.64	0.71	4.69	0.74	4.87	0.85	5.05	0.97	5.26	1.06	5.56	1.09	5.65	1.08	4.96	1.05		
1556	11001	9308		9121		8845		8757		8380		7887		7291		6572		5683		4943		3552	
		5.22	0.49	5.42	0.56	5.66	0.65	5.72	0.68	5.94	0.79	6.14	0.90	6.36	1.00	6.66	1.06	6.98	1.07	6.97	1.07	6.07	1.02

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

270 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 2000				Max BHP: (RPM/675) ^{^3}				Outlet Area: 4.26 Sq.Ft.				Wheel Diameter: 27"				Tip Speed: 7.07 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		11.8"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1600	11312	15855		15381		14908		14435		13503		12555		11467		8348							
		10.69	0.64	10.90	0.76	11.37	0.85	11.92	0.92	12.83	1.03	13.28	1.13	13.29	1.22	12.26	1.27						
1640	11595	16275		15812		15351		14889		13978		13063		12043		9247							
		11.51	0.63	11.70	0.75	12.16	0.83	12.73	0.90	13.71	1.01	14.24	1.11	14.35	1.20	13.59	1.28						
1680	11878	16694		16242		15792		15341		14449		13562		12598		10051							
		12.37	0.62	12.54	0.73	12.99	0.82	13.57	0.88	14.61	0.99	15.24	1.09	15.44	1.18	14.85	1.28						
1700	12019	16904		16457		16012		15566		14684		13809		12870		10427							
		12.82	0.61	12.97	0.72	13.42	0.81	14.00	0.87	15.08	0.98	15.75	1.08	15.99	1.16	15.48	1.27						
1750	12373	17428		16993		16561		16127		15268		14421		13534		11314		7692					
		13.99	0.60	14.11	0.70	14.55	0.79	15.13	0.85	16.27	0.96	17.06	1.05	17.42	1.14	17.08	1.26	14.47	1.25				
1800	12726	17950		17527		17107		16686		15848		15024		14179		12142		9114					
		15.23	0.58	15.32	0.69	15.74	0.77	16.32	0.84	17.52	0.94	18.42	1.02	18.89	1.11	18.75	1.24	17.21	1.25				
1850	13080	18473		18060		17651		17242		16425		15622		14811		12923		10281					
		16.55	0.57	16.61	0.67	17.00	0.75	17.57	0.82	18.83	0.92	19.83	1.00	20.41	1.08	20.48	1.22	19.41	1.26				
1900	13433	18994		18591		18194		17795		16998		16214		15431		13668		11301		8615			
		17.94	0.56	17.96	0.65	18.33	0.73	18.90	0.80	20.20	0.90	21.29	0.98	21.99	1.06	22.27	1.20	21.45	1.26	18.94	1.24		
1950	13787	19516		19122		18735		18347		17569		16803		16043		14383		12230		9989			
		19.40	0.55	19.39	0.64	19.74	0.72	20.29	0.78	21.62	0.88	22.81	0.96	23.62	1.03	24.13	1.17	23.48	1.25	22.01	1.24		
2000	14140	20036		19652		19274		18896		18138		17388		16648		15073		13095		11142		8683	
		20.95	0.53	20.91	0.63	21.22	0.70	21.76	0.77	23.12	0.86	24.38	0.94	25.31	1.01	26.04	1.15	25.56	1.24	24.55	1.25	21.40	1.24

80% Width

Maximum RPM: 2000				Max BHP: (RPM/722) ^{^3}				Outlet Area: 4 Sq.Ft.				Wheel Diameter: 27"				Tip Speed: 7.07 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10"SP CFM		11.6"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1600	11312	13554		13135		12713		12272		11369		10401		9266		6276							
		9.02	0.60	9.34	0.72	9.69	0.81	10.02	0.89	10.50	1.03	10.73	1.14	10.85	1.19	10.33	1.13						
1640	11595	13914		13504		13094		12667		11788		10863		9794		7153							
		9.69	0.59	10.02	0.70	10.38	0.79	10.72	0.87	11.25	1.01	11.52	1.12	11.66	1.18	11.52	1.16						
1680	11878	14275		13872		13474		13060		12204		11315		10307		7866							
		10.41	0.58	10.74	0.68	11.10	0.78	11.46	0.85	12.03	0.98	12.35	1.09	12.51	1.17	12.55	1.17						
1700	12019	14455		14056		13663		13255		12411		11537		10557		8190							
		10.77	0.57	11.11	0.68	11.47	0.77	11.84	0.84	12.43	0.97	12.77	1.08	12.94	1.16	13.04	1.18						
1750	12373	14905		14514		14135		13741		12924		12085		11168		8953							
		11.73	0.56	12.07	0.66	12.45	0.75	12.83	0.82	13.47	0.95	13.87	1.05	14.08	1.14	14.26	1.18						
1800	12726	15354		14972		14603		14224		13432		12623		11758		9677		6737					
		12.75	0.54	13.09	0.64	13.48	0.73	13.87	0.80	14.56	0.92	15.02	1.03	15.27	1.11	15.51	1.18	14.41	1.11				
1850	13080	15803		15428		15070		14703		13937		13153		12332		10377		7921					
		13.83	0.53	14.17	0.62	14.56	0.71	14.97	0.78	15.71	0.90	16.22	1.00	16.52	1.09	16.80	1.18	16.46	1.14				
1900	13433	16252		15883		15535		15180		14438		13678		12892		11055		8837		7175			
		14.96	0.52	15.31	0.61	15.71	0.69	16.12	0.76	16.90	0.88	17.48	0.98	17.83	1.06	18.16	1.17	18.14	1.16	17.02	1.10		
1950	13787	16700		16338		15998		15654		14936		14196		13440		11713		9635		8348			
		16.15	0.51	16.51	0.59	16.91	0.67	17.34	0.74	18.16	0.86	18.79	0.95	19.20	1.04	19.59	1.15	19.71	1.16	19.28	1.13		
2000	14140	17148		16792		16460		16126		15430		14711		13980		12349		10382		9268		6180	
		17.41	0.50	17.77	0.58	18.18	0.66	18.61	0.72	19.47	0.84	20.16	0.93	20.62	1.01	21.09	1.14	21.29	1.17	21.14	1.15	18.06	1.03

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

270 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 2000				Max BHP: (RPM/813) ^{^3}				Outlet Area: 3.54 Sq.Ft.				Wheel Diameter: 27"				Tip Speed: 7.07 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		9.5"SP CFM		10.6"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1600	11312	9399		9046		8681		8303		7532		6729		5864									
		5.88	0.54	6.19	0.66	6.42	0.76	6.60	0.85	6.90	0.99	7.26	1.06	7.59	1.07								
1640	11595	9652		9307		8953		8586		7836		7061		6230		3935							
		6.31	0.53	6.64	0.64	6.88	0.74	7.07	0.83	7.39	0.97	7.74	1.05	8.11	1.07	7.24	1.03						
1680	11878	9904		9567		9223		8867		8136		7386		6587		4627							
		6.76	0.51	7.11	0.62	7.37	0.72	7.57	0.81	7.89	0.95	8.24	1.03	8.63	1.06	8.33	1.05						
1700	12019	10030		9697		9358		9007		8286		7547		6763		4910							
		6.99	0.51	7.35	0.62	7.62	0.71	7.83	0.80	8.15	0.94	8.50	1.02	8.90	1.06	8.81	1.05						
1750	12373	10345		10021		9693		9354		8656		7943		7195		5516							
		7.60	0.49	7.98	0.60	8.27	0.69	8.49	0.77	8.84	0.91	9.18	1.00	9.58	1.05	9.90	1.05						
1800	12726	10659		10344		10026		9699		9022		8333		7616		6043		4186					
		8.25	0.48	8.64	0.58	8.95	0.67	9.19	0.75	9.56	0.88	9.90	0.98	10.30	1.04	10.87	1.05	9.45	1.01				
1850	13080	10973		10665		10358		10041		9385		8717		8028		6532		5079					
		8.93	0.46	9.34	0.56	9.67	0.65	9.93	0.73	10.32	0.86	10.67	0.96	11.06	1.02	11.79	1.04	11.10	1.03				
1900	13433	11286		10986		10687		10381		9744		9096		8432		7002		5750		4362			
		9.64	0.45	10.08	0.54	10.42	0.63	10.70	0.70	11.12	0.84	11.47	0.94	11.87	1.00	12.69	1.04	12.52	1.04	11.06	0.99		
1950	13787	11599		11306		11016		10718		10101		9471		8829		7457		6313		5281			
		10.40	0.44	10.85	0.53	11.22	0.61	11.51	0.68	11.96	0.81	12.33	0.91	12.71	0.99	13.60	1.04	13.76	1.04	12.91	1.03		
2000	14140	11912		11625		11343		11054		10455		9842		9220		7902		6824		5973		4451	
		11.19	0.43	11.67	0.52	12.05	0.59	12.36	0.67	12.84	0.79	13.22	0.89	13.61	0.97	14.52	1.03	14.91	1.03	14.54	1.03	12.79	0.97

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

300 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1400				Max BHP: (RPM/566)^3				Outlet Area: 5.25 Sq.Ft.				Wheel Diameter: 30"				Tip Speed: 7.85 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.75"SP		1"SP		1.63"SP		2.25"SP		3.1"SP		4"SP		5"SP		6.1"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
305	2394	2576																					
		0.23	1.73																				
450	3533	5309		4309		2634																	
		0.59	1.52	0.61	1.59	0.53	1.43																
550	4318	6911		6139		5298		4016															
		0.89	1.40	0.96	1.49	0.98	1.56	0.92	1.51														
675	5299	8825		8204		7594		6934		4246													
		1.40	1.25	1.55	1.33	1.66	1.40	1.70	1.48	1.45	1.48												
800	6280	10671		10147		9625		9111		7627		5265											
		2.28	1.03	2.44	1.14	2.62	1.21	2.75	1.27	2.80	1.42	2.48	1.41										
925	7261	12492		12038		11584		11134		9998		8641		5606									
		3.50	0.88	3.63	0.99	3.84	1.07	4.04	1.12	4.34	1.26	4.32	1.37	3.63	1.35								
1050	8243	14297		13896		13496		13096		12104		11093		9339		6335							
		5.11	0.77	5.20	0.87	5.40	0.95	5.64	1.01	6.16	1.12	6.37	1.23	6.25	1.34	5.30	1.32						
1175	9224	16092		15730		15373		15016		14120		13251		11954		10187		7130					
		7.18	0.68	7.21	0.78	7.38	0.86	7.63	0.92	8.30	1.02	8.76	1.12	8.94	1.24	8.71	1.31	7.45	1.29				
1300	10205	17879		17548		17225		16903		16089		15299		14211		12903		11053		7970			
		9.75	0.62	9.72	0.71	9.85	0.78	10.08	0.84	10.83	0.94	11.49	1.03	12.01	1.13	12.09	1.23	11.75	1.29	10.17	1.27		
1400	10990	19305		18995		18694		18394		17639		16899		15900		14790		13333		11278		8489	
		12.20	0.58	12.12	0.66	12.21	0.73	12.42	0.78	13.18	0.89	13.97	0.97	14.75	1.06	15.11	1.16	15.02	1.25	14.48	1.28	12.60	1.26

80% Width

Maximum RPM: 1400				Max BHP: (RPM/606) ^{^3}				Outlet Area: 4.91 Sq.Ft.				Wheel Diameter: 30"				Tip Speed: 7.85 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.25"SP CFM		0.5"SP CFM		0.75"SP CFM		1"SP CFM		1.5"SP CFM		2.25"SP CFM		3"SP CFM		3.75"SP CFM		4.88"SP CFM		6"SP CFM		7"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
305	2394	2012																					
		0.17	1.84																				
450	3533	4447		3465		2161																	
		0.45	1.64	0.46	1.66	0.42	1.50																
550	4318	5876		5132		4286		3146															
		0.71	1.45	0.78	1.51	0.81	1.52	0.77	1.43														
675	5299	7534		6971		6383		5696		3948													
		1.22	1.19	1.31	1.32	1.39	1.39	1.46	1.41	1.42	1.33												
800	6280	9121		8652		8156		7662		6489		3578											
		2.02	0.96	2.10	1.10	2.16	1.21	2.25	1.28	2.38	1.33	1.89	1.27										
925	7261	10676		10289		9864		9425		8559		6903		4072									
		3.05	0.82	3.22	0.92	3.25	1.04	3.30	1.13	3.52	1.23	3.58	1.30	2.73	1.28								
1050	8243	12218		11882		11529		11143		10369		9157		7602		5368							
		4.30	0.73	4.67	0.79	4.75	0.89	4.75	0.99	4.89	1.12	5.24	1.22	5.16	1.28	4.78	1.18						
1175	9224	13767		13439		13126		12805		12134		11097		9922		8534		5343					
		6.00	0.65	6.15	0.74	6.32	0.81	6.50	0.88	6.82	0.99	7.12	1.13	7.24	1.22	7.31	1.24	6.40	1.11				
1300	10205	15304		14997		14713		14428		13836		12914		11952		10856		8920		5779			
		8.09	0.59	8.25	0.66	8.43	0.73	8.62	0.79	9.01	0.90	9.45	1.02	9.70	1.13	9.82	1.20	9.90	1.21	8.57	1.09		
1400	10990	16531		16238		15970		15708		15168		14320		13453		12524		10881		8994		6022	
		10.08	0.55	10.25	0.62	10.44	0.68	10.64	0.74	11.06	0.84	11.61	0.95	11.97	1.06	12.17	1.14	12.33	1.20	12.30	1.18	10.55	1.06

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

300 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1400				Max BHP: (RPM/683) ^{^3}				Outlet Area: 4.37 Sq.Ft.				Wheel Diameter: 30"				Tip Speed: 7.85 X RPM				Max Motor Frame Size: 256T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.75"SP		1"SP		1.5"SP		2"SP		2.75"SP		3.63"SP		4.5"SP		5.5"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
305	2394	1358																					
		0.12	1.77																				
450	3533	2955		2212		1426																	
		0.30	1.61	0.32	1.56	0.25	1.66																
550	4318	3973		3357		2702		1672															
		0.47	1.41	0.50	1.51	0.55	1.43	0.41	1.47														
675	5299	5177		4683		4171		3623		1998													
		0.80	1.18	0.85	1.31	0.90	1.37	0.95	1.36	0.83	1.21												
800	6280	6296		5892		5469		5037		4107		2875											
		1.29	0.95	1.37	1.08	1.43	1.18	1.48	1.24	1.60	1.25	1.49	1.20										
925	7261	7394		7053		6695		6327		5574		4758		3041									
		1.95	0.79	2.06	0.91	2.14	1.00	2.20	1.08	2.33	1.18	2.47	1.18	2.20	1.13								
1050	8243	8480		8181		7874		7556		6906		6235		5138		3107							
		2.80	0.68	2.95	0.78	3.06	0.87	3.14	0.94	3.28	1.07	3.43	1.13	3.65	1.13	3.12	1.04						
1175	9224	9559		9290		9021		8743		8169		7585		6669		5488		3649					
		3.87	0.59	4.06	0.68	4.20	0.76	4.31	0.83	4.48	0.95	4.63	1.04	4.90	1.11	5.12	1.10	4.41	1.04				
1300	10205	10632		10386		10145		9899		9390		8866		8067		7070		5997		4064			
		5.19	0.53	5.41	0.60	5.58	0.67	5.73	0.74	5.95	0.85	6.12	0.95	6.38	1.04	6.75	1.08	6.93	1.08	5.99	1.02		
1400	10990	11488		11257		11033		10807		10341		9860		9126		8235		7293		6096		4373	
		6.44	0.49	6.69	0.55	6.89	0.62	7.06	0.68	7.33	0.78	7.53	0.88	7.80	0.98	8.16	1.05	8.54	1.07	8.59	1.06	7.48	1.01

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

300 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1800				Max BHP: (RPM/566) ^{^3}				Outlet Area: 5.25 Sq.Ft.				Wheel Diameter: 30"				Tip Speed: 7.85 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		11.8"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1450	11383	19718		19137		18557		17976		16834		15675		14357		10630							
		13.47	0.64	13.72	0.76	14.31	0.84	14.99	0.91	16.14	1.02	16.72	1.12	16.77	1.21	15.61	1.27						
1475	11579	20078		19507		18937		18366		17240		16110		14848		11387							
		14.18	0.63	14.41	0.75	14.99	0.83	15.68	0.90	16.89	1.01	17.55	1.11	17.68	1.20	16.73	1.27						
1500	11775	20438		19876		19315		18753		17645		16539		15327		12088							
		14.91	0.62	15.13	0.73	15.69	0.82	16.40	0.89	17.66	0.99	18.40	1.09	18.61	1.18	17.81	1.27						
1525	11971	20797		20244		19693		19140		18048		16964		15796		12746		8975					
		15.67	0.61	15.87	0.72	16.42	0.81	17.13	0.87	18.45	0.98	19.27	1.08	19.55	1.16	18.89	1.27	15.92	1.25				
1550	12168	21157		20612		20070		19526		18449		17385		16256		13370		10035					
		16.46	0.60	16.63	0.71	17.18	0.80	17.89	0.86	19.26	0.97	20.16	1.06	20.52	1.15	19.98	1.26	17.89	1.25				
1600	12560	21874		21345		20821		20294		19247		18218		17153		14544		11782					
		18.11	0.59	18.24	0.69	18.77	0.78	19.48	0.84	20.94	0.94	21.98	1.03	22.50	1.12	22.22	1.25	21.00	1.25				
1650	12953	22591		22077		21568		21058		20040		19041		18027		15639		13241					
		19.88	0.57	19.96	0.67	20.46	0.76	21.17	0.82	22.70	0.92	23.89	1.01	24.57	1.09	24.56	1.22	23.68	1.26				
1700	13345	23307		22807		22313		21818		20829		19856		18882		16674		14536		11590			
		21.76	0.56	21.79	0.66	22.26	0.74	22.96	0.80	24.55	0.90	25.88	0.98	26.71	1.06	27.00	1.20	26.31	1.25	24.32	1.24		
1750	13738	24022		23535		23055		22575		21612		20664		19723		17660		15727		13227			
		23.75	0.55	23.74	0.64	24.17	0.72	24.86	0.78	26.50	0.88	27.95	0.96	28.94	1.03	29.53	1.17	29.01	1.24	27.74	1.25		
1800	14130	24736		24261		23795		23328		22392		21467		20553		18608		16842		14640		10720	
		25.86	0.53	25.81	0.63	26.20	0.70	26.87	0.76	28.54	0.86	30.10	0.94	31.25	1.01	32.15	1.14	31.81	1.22	30.86	1.25	26.42	1.23

80% Width

Maximum RPM: 1800				Max BHP: (RPM/606) ^{^3}				Outlet Area: 4.91 Sq.Ft.				Wheel Diameter: 30"				Tip Speed: 7.85 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		11.6"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1450	11383	16857		16343		15826		15287		14180		13000		11623		8079							
		11.36	0.60	11.76	0.71	12.19	0.81	12.60	0.89	13.21	1.02	13.52	1.13	13.67	1.19	13.20	1.14						
1475	11579	17166		16659		16153		15625		14539		13395		12074		8805							
		11.94	0.59	12.35	0.70	12.78	0.79	13.21	0.87	13.86	1.01	14.20	1.11	14.37	1.18	14.19	1.15						
1500	11775	17475		16975		16479		15962		14896		13784		12516		9432							
		12.55	0.58	12.95	0.69	13.40	0.78	13.84	0.86	14.52	0.99	14.90	1.10	15.09	1.17	15.08	1.17						
1525	11971	17784		17290		16804		16297		15251		14167		12948		10002							
		13.17	0.57	13.58	0.68	14.03	0.77	14.48	0.85	15.21	0.97	15.62	1.08	15.83	1.16	15.93	1.17						
1550	12168	18092		17605		17127		16631		15604		14546		13372		10538		7014					
		13.82	0.56	14.23	0.67	14.69	0.76	15.15	0.83	15.91	0.96	16.36	1.07	16.59	1.15	16.77	1.18	14.65	1.07				
1600	12560	18709		18233		17772		17296		16305		15290		14195		11554		8972					
		15.18	0.55	15.60	0.65	16.06	0.73	16.54	0.81	17.37	0.93	17.90	1.04	18.19	1.12	18.46	1.18	17.78	1.13				
1650	12953	19325		18859		18413		17955		16999		16022		14991		12526		10324					
		16.62	0.53	17.05	0.63	17.52	0.71	18.02	0.78	18.91	0.91	19.52	1.01	19.88	1.09	20.21	1.17	20.06	1.15				
1700	13345	19941		19484		19052		18610		17688		16743		15763		13465		11443		8462			
		18.15	0.52	18.59	0.61	19.07	0.69	19.58	0.76	20.53	0.88	21.23	0.98	21.65	1.07	22.04	1.17	22.11	1.16	20.26	1.08		
1750	13738	20556		20108		19687		19261		18371		17456		16518		14371		12470		10166			
		19.78	0.51	20.22	0.60	20.71	0.67	21.23	0.74	22.24	0.86	23.01	0.95	23.51	1.04	23.99	1.15	24.15	1.17	23.52	1.13		
1800	14130	21171		20730		20321		19909		19049		18162		17259		15245		13453		11442		7630	
		21.50	0.50	21.94	0.58	22.45	0.66	22.98	0.72	24.03	0.83	24.88	0.93	25.46	1.01	26.03	1.13	26.25	1.16	26.10	1.15	22.30	1.02

300 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1800				Max BHP: (RPM/682) ³				Outlet Area: 4.37 Sq.Ft.				Wheel Diameter: 30"				Tip Speed: 7.85 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		10.6"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1450	11383	11690		11257		10811		10348		9404		8422		7366									
		7.40	0.53	7.79	0.65	8.09	0.75	8.31	0.84	8.68	0.98	9.12	1.05	9.54	1.06								
1475	11579	11907		11481		11044		10590		9664		8705		7679		4830							
		7.77	0.52	8.18	0.64	8.48	0.74	8.72	0.83	9.10	0.96	9.53	1.04	9.99	1.06	8.90	1.02						
1500	11775	12123		11704		11276		10832		9922		8985		7986		5454							
		8.16	0.51	8.58	0.63	8.89	0.72	9.14	0.81	9.53	0.95	9.96	1.03	10.44	1.05	9.85	1.04						
1525	11971	12339		11927		11507		11071		10178		9262		8289		5969							
		8.55	0.51	8.99	0.61	9.32	0.71	9.57	0.80	9.98	0.93	10.40	1.02	10.89	1.05	10.72	1.04						
1550	12168	12555		12150		11737		11310		10433		9536		8588		6412							
		8.96	0.50	9.41	0.60	9.75	0.70	10.02	0.78	10.44	0.92	10.86	1.01	11.36	1.05	11.50	1.04						
1600	12560	12987		12593		12196		11785		10938		10074		9173		7179							
		9.82	0.48	10.30	0.58	10.67	0.67	10.96	0.76	11.40	0.89	11.82	0.99	12.32	1.04	12.89	1.04						
1650	12953	13417		13035		12651		12255		11437		10604		9743		7867		5944					
		10.74	0.47	11.24	0.56	11.63	0.65	11.95	0.73	12.42	0.86	12.85	0.96	13.34	1.02	14.18	1.04	13.04	1.02				
1700	13345	13848		13475		13104		12723		11932		11126		10300		8517		6930					
		11.71	0.45	12.24	0.54	12.66	0.63	12.99	0.71	13.50	0.84	13.94	0.94	14.43	1.00	15.42	1.04	15.10	1.03				
1750	13738	14277		13914		13555		13186		12422		11641		10846		9145		7721		5390			
		12.73	0.44	13.29	0.53	13.74	0.61	14.10	0.68	14.65	0.81	15.10	0.91	15.58	0.98	16.66	1.03	16.83	1.03	14.55	0.97		
1800	14130	14706		14352		14003		13647		12908		12150		11382		9755		8424		6676		5495	
		13.82	0.43	14.40	0.51	14.87	0.59	15.26	0.66	15.85	0.79	16.32	0.89	16.80	0.96	17.93	1.03	18.41	1.03	17.18	1.01	15.79	0.96

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

330 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1273				Max BHP: (RPM/483)^3				Outlet Area: 6.35 Sq.Ft.				Wheel Diameter: 33"				Tip Speed: 8.64 X RPM				Max Motor Frame Size: 284T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.75"SP		1"SP		1.5"SP		2"SP		2.75"SP		3.63"SP		4.75"SP		5.75"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
280	2419	3201																					
		0.29	1.73																				
400	3456	6208		4961		3127																	
		0.67	1.54	0.69	1.60	0.61	1.47																
500	4320	8362		7428		6411		4860															
		1.08	1.39	1.17	1.49	1.19	1.56	1.12	1.51														
600	5184	10389		9647		8878		8033		5474													
		1.62	1.26	1.77	1.36	1.90	1.42	1.93	1.49	1.75	1.47												
700	6048	12380		11720		11066		10419		8918		6681											
		2.47	1.08	2.66	1.18	2.86	1.25	2.99	1.31	3.03	1.43	2.80	1.43										
815	7042	14615		14049		13482		12921		11798		10483		7573									
		3.86	0.91	4.02	1.02	4.27	1.09	4.51	1.15	4.77	1.26	4.78	1.36	4.37	1.36								
925	7992	16733		16233		15733		15234		14252		13249		11424		8154							
		5.63	0.79	5.74	0.90	6.00	0.98	6.29	1.03	6.76	1.13	7.00	1.22	6.94	1.33	6.21	1.32						
1050	9072	19124		18679		18240		17800		16924		16062		14711		12748		8905					
		8.25	0.69	8.29	0.79	8.51	0.87	8.81	0.93	9.46	1.02	9.94	1.09	10.27	1.21	10.12	1.30	8.86	1.29				
1150	9936	21029		20619		20218		19817		19013		18219		17035		15502		12973		9510			
		10.86	0.63	10.84	0.72	11.02	0.80	11.30	0.85	12.01	0.94	12.67	1.01	13.31	1.11	13.50	1.22	13.09	1.30	11.45	1.27		
1273	10999	23364		22989		22625		22263		21537		20813		19743		18472		16618		14528		10287	
		14.77	0.58	14.68	0.66	14.79	0.72	15.03	0.78	15.75	0.87	16.55	0.93	17.53	1.02	18.18	1.12	18.26	1.22	17.80	1.28	15.27	1.26

80% Width

Maximum RPM: 1273				Max BHP: (RPM/517) ^{^3}				Outlet Area: 5.94 Sq.Ft.				Wheel Diameter: 33"				Tip Speed: 8.64 X RPM				Max Motor Frame Size: 284T			
RPM	Tip Speed	0.25"SP CFM		0.5"SP CFM		0.75"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		2.75"SP CFM		3.63"SP CFM		4.75"SP CFM		5.63"SP CFM		7"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
280	2419	2518																					
		0.21	1.86																				
400	3456	5198		3944		2447																	
		0.51	1.67	0.52	1.65	0.46	1.52																
500	4320	7108		6211		5186		3807															
		0.86	1.45	0.95	1.51	0.98	1.51	0.94	1.42														
600	5184	8884		8179		7445		6574		4121													
		1.38	1.22	1.50	1.34	1.59	1.40	1.66	1.41	1.54	1.28												
700	6048	10581		9985		9366		8737		7190		5064											
		2.18	1.00	2.27	1.15	2.36	1.25	2.47	1.31	2.58	1.35	2.45	1.25										
815	7042	12493		12004		11467		10924		9825		8439		5500									
		3.36	0.85	3.55	0.95	3.60	1.07	3.68	1.16	3.92	1.25	3.98	1.30	3.62	1.20								
925	7992	14301		13882		13431		12945		11991		10996		9096		5317							
		4.75	0.75	5.14	0.82	5.23	0.92	5.25	1.02	5.45	1.15	5.73	1.22	5.71	1.27	4.17	1.28						
1050	9072	16360		15958		15573		15176		14348		13502		12111		10135		6115					
		6.90	0.66	7.08	0.75	7.29	0.82	7.49	0.89	7.87	1.00	8.12	1.10	8.30	1.20	8.40	1.23	7.22	1.09				
1150	9936	17998		17620		17267		16912		16171		15406		14224		12625		10200		7116			
		9.03	0.60	9.22	0.68	9.44	0.75	9.66	0.81	10.11	0.92	10.47	1.01	10.79	1.12	10.96	1.20	11.02	1.20	9.77	1.10		
1273	10999	20007		19652		19328		19011		18359		17678		16637		15349		13419		11692		7306	
		12.21	0.55	12.41	0.62	12.64	0.68	12.88	0.73	13.39	0.83	13.86	0.91	14.37	1.02	14.71	1.12	14.91	1.19	14.97	1.19	12.79	1.06

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

330 CLASS 1 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1273				Max BHP: (RPM/582) ³				Outlet Area: 5.28 Sq.Ft.				Wheel Diameter: 33"				Tip Speed: 8.64 X RPM				Max Motor Frame Size: 284T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.63"SP		1"SP		1.38"SP		1.88"SP		2.63"SP		3.38"SP		4.38"SP		5.25"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
280	2419	1691																					
		0.15	1.76																				
400	3456	3456		3002		1777																	
		0.34	1.63	0.35	1.62	0.31	1.49																
500	4320	4811		4417		3670		2020															
		0.58	1.40	0.60	1.45	0.64	1.48	0.50	1.45														
600	5184	6106		5778		5154		4147		2631													
		0.91	1.20	0.94	1.27	1.00	1.37	1.09	1.35	0.94	1.28												
700	6048	7297		7035		6508		5703		4807		3208											
		1.40	0.99	1.45	1.06	1.52	1.18	1.61	1.27	1.72	1.26	1.57	1.19										
815	7042	8646		8425		7986		7308		6593		5577		3308									
		2.16	0.82	2.23	0.88	2.33	0.99	2.44	1.11	2.56	1.19	2.72	1.19	2.36	1.09								
925	7992	9921		9726		9348		8762		8144		7307		5933		3795							
		3.10	0.70	3.19	0.75	3.33	0.85	3.48	0.97	3.60	1.07	3.78	1.14	4.02	1.13	3.46	1.06						
1050	9072	11358		11185		10856		10353		9816		9098		7974		6750		4194					
		4.46	0.60	4.58	0.65	4.76	0.73	4.97	0.84	5.12	0.94	5.30	1.04	5.62	1.10	5.88	1.10	5.03	1.02				
1150	9936	12502		12341		12041		11590		11108		10457		9463		8409		6861		4610			
		5.81	0.54	5.94	0.58	6.16	0.66	6.42	0.76	6.61	0.85	6.82	0.95	7.13	1.05	7.49	1.08	7.71	1.07	6.62	1.00		
1273	10999	13904		13756		13483		13080		12654		12075		11189		10281		8991		7773		5302	
		7.80	0.48	7.97	0.52	8.23	0.59	8.55	0.67	8.80	0.76	9.06	0.85	9.39	0.96	9.75	1.03	10.28	1.06	10.48	1.06	9.06	1.00

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

330 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1650				Max BHP: (RPM/483) ^{^3}				Outlet Area: 6.35 Sq.Ft.				Wheel Diameter: 33"				Tip Speed: 8.64 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		12"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1300	11232	23510		22798		22086		21374		19974		18541		16885		12061							
		15.63	0.64	15.96	0.76	16.67	0.85	17.49	0.92	18.81	1.03	19.44	1.13	19.43	1.22	17.72	1.26						
1325	11448	23989		23290		22592		21893		20517		19125		17552		13146							
		16.55	0.63	16.85	0.75	17.55	0.84	18.39	0.90	19.80	1.01	20.53	1.12	20.62	1.21	19.30	1.26						
1350	11664	24469		23782		23097		22410		21057		19701		18200		14125							
		17.51	0.62	17.78	0.74	18.47	0.83	19.32	0.89	20.81	1.00	21.65	1.10	21.84	1.19	20.77	1.27						
1375	11880	24947		24272		23600		22926		21594		20270		18831		15030							
		18.50	0.61	18.75	0.73	19.43	0.81	20.28	0.88	21.85	0.98	22.79	1.08	23.08	1.17	22.20	1.27						
1400	12096	25426		24762		24102		23440		22129		20833		19448		15880		11653					
		19.53	0.60	19.75	0.72	20.42	0.80	21.28	0.87	22.91	0.97	23.96	1.06	24.36	1.15	23.65	1.26	20.75	1.24				
1450	12528	26381		25739		25102		24463		23193		21944		20649		17460		14064					
		21.71	0.59	21.87	0.69	22.51	0.78	23.37	0.84	25.13	0.94	26.37	1.03	26.98	1.12	26.61	1.25	25.07	1.25				
1500	12960	27335		26713		26098		25480		24249		23040		21812		18923		16021					
		24.05	0.57	24.16	0.67	24.75	0.75	25.61	0.82	27.47	0.92	28.91	1.00	29.73	1.09	29.72	1.22	28.66	1.26				
1550	13392	28288		27684		27089		26492		25298		24124		22949		20297		17738		14240			
		26.56	0.56	26.60	0.65	27.16	0.73	28.00	0.80	29.94	0.90	31.56	0.98	32.58	1.06	32.97	1.19	32.15	1.25	29.88	1.24		
1600	13824	29240		28653		28076		27498		26340		25198		24066		21602		19306		16364			
		29.24	0.54	29.22	0.64	29.73	0.71	30.55	0.78	32.55	0.87	34.33	0.95	35.56	1.03	36.36	1.16	35.77	1.23	34.34	1.24		
1650	14256	30190		29620		29060		28500		27376		26265		25168		22852		20769		18192		13070	
		32.09	0.53	32.01	0.62	32.47	0.70	33.27	0.76	35.30	0.85	37.23	0.93	38.67	1.00	39.88	1.13	39.54	1.21	38.45	1.24	32.76	1.23

80% Width

Maximum RPM: 1650				Max BHP: (RPM/517) ^{^3}				Outlet Area: 5.94 Sq.Ft.				Wheel Diameter: 33"				Tip Speed: 8.64 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		11.8"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1300	11232	20097		19468		18832		18168		16807		15342		13618		8936							
		13.20	0.60	13.67	0.72	14.19	0.82	14.68	0.90	15.38	1.03	15.71	1.14	15.88	1.19	14.85	1.11						
1325	11448	20509		19889		19268		18620		17288		15875		14229		10056							
		13.95	0.59	14.44	0.71	14.96	0.80	15.47	0.88	16.22	1.01	16.60	1.12	16.79	1.18	16.35	1.14						
1350	11664	20920		20310		19703		19070		17765		16397		14825		10968							
		14.74	0.58	15.23	0.69	15.76	0.79	16.29	0.86	17.09	1.00	17.52	1.10	17.73	1.17	17.61	1.15						
1375	11880	21331		20730		20136		19517		18239		16911		15407		11764							
		15.56	0.57	16.05	0.68	16.59	0.77	17.13	0.85	17.98	0.98	18.46	1.09	18.70	1.16	18.77	1.16						
1400	12096	21742		21149		20567		19963		18710		17418		15976		12495							
		16.41	0.56	16.90	0.67	17.45	0.76	18.01	0.84	18.91	0.96	19.44	1.07	19.70	1.15	19.88	1.17						
1450	12528	22563		21986		21426		20848		19644		18412		17078		13860		10663					
		18.19	0.55	18.70	0.65	19.27	0.73	19.84	0.81	20.84	0.93	21.47	1.04	21.81	1.12	22.12	1.17	21.19	1.12				
1500	12960	23384		22819		22280		21726		20569		19386		18139		15157		12492					
		20.11	0.53	20.63	0.63	21.20	0.71	21.80	0.78	22.88	0.90	23.62	1.00	24.05	1.09	24.45	1.17	24.27	1.15				
1550	13392	24203		23651		23129		22597		21485		20345		19166		16404		13974		10484			
		22.15	0.52	22.68	0.61	23.27	0.69	23.89	0.76	25.05	0.88	25.89	0.97	26.42	1.06	26.90	1.16	27.00	1.16	24.98	1.09		
1600	13824	25022		24481		23975		23463		22393		21293		20167		17604		15330		12637			
		24.34	0.51	24.87	0.59	25.47	0.67	26.11	0.74	27.33	0.85	28.29	0.95	28.91	1.03	29.51	1.15	29.72	1.16	29.12	1.13		
1650	14256	25840		25310		24818		24324		23294		22230		21150		18757		16627		14258		9281	
		26.66	0.49	27.20	0.57	27.81	0.65	28.46	0.71	29.75	0.83	30.81	0.92	31.54	1.00	32.27	1.13	32.54	1.16	32.46	1.15	27.63	1.02

330 CLASS 2 | BELT & DIRECT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1650				Max BHP: (RPM/582) ³				Outlet Area: 5.28 Sq.Ft.				Wheel Diameter: 33"				Tip Speed: 8.64 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		10.8"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1300	11232	13936		13404		12854		12286		11125		9912		8605									
		8.60	0.54	9.07	0.66	9.41	0.76	9.67	0.85	10.12	0.99	10.65	1.05	11.12	1.06								
1325	11448	14224		13702		13166		12609		11473		10294		9027		5196							
		9.09	0.53	9.57	0.64	9.93	0.75	10.20	0.83	10.66	0.97	11.18	1.04	11.71	1.05	10.09	0.96						
1350	11664	14512		14000		13475		12931		11818		10670		9441		6166							
		9.59	0.52	10.09	0.63	10.46	0.73	10.75	0.82	11.22	0.95	11.74	1.03	12.30	1.05	11.23	1.02						
1375	11880	14800		14297		13784		13251		12161		11040		9848		6924							
		10.11	0.51	10.63	0.62	11.02	0.71	11.32	0.80	11.80	0.94	12.32	1.02	12.90	1.05	12.46	1.03						
1400	12096	15088		14593		14091		13570		12501		11406		10248		7552							
		10.65	0.50	11.18	0.60	11.59	0.70	11.91	0.79	12.40	0.92	12.92	1.01	13.51	1.04	13.55	1.03						
1450	12528	15662		15184		14702		14202		13174		12125		11029		8600							
		11.78	0.48	12.35	0.58	12.79	0.67	13.14	0.75	13.67	0.89	14.18	0.99	14.79	1.03	15.44	1.03						
1500	12960	16235		15772		15308		14829		13839		12831		11789		9519		7193					
		12.99	0.46	13.60	0.56	14.08	0.65	14.45	0.73	15.03	0.86	15.55	0.96	16.14	1.02	17.16	1.03	15.78	1.01				
1550	13392	16808		16358		15911		15451		14497		13525		12530		10382		8488					
		14.29	0.45	14.93	0.54	15.44	0.62	15.85	0.70	16.47	0.83	17.00	0.93	17.59	1.00	18.81	1.03	18.49	1.02				
1600	13824	17379		16942		16510		16067		15148		14209		13254		11214		9518		6883			
		15.66	0.43	16.35	0.52	16.89	0.60	17.33	0.68	18.01	0.80	18.56	0.90	19.14	0.98	20.47	1.03	20.75	1.02	18.19	0.98		
1650	14256	17950		17524		17106		16680		15794		14886		13965		12022		10438		8451		6638	
		17.12	0.42	17.85	0.51	18.43	0.58	18.90	0.65	19.63	0.78	20.21	0.88	20.79	0.95	22.16	1.02	22.84	1.02	21.70	1.01	19.55	0.95

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

365 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1151				Max BHP: (RPM/409) ^{^3}				Outlet Area: 7.76 Sq.Ft.				Wheel Diameter: 36.5"				Tip Speed: 9.56 X RPM				Max Motor Frame Size: 286T			
RPM	Tip Speed	0.25"SP		0.75"SP		1"SP		1.5"SP		2"SP		2.25"SP		3"SP		3.88"SP		4.88"SP		5.94"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
250	2390	3786																					
		0.34	1.72																				
350	3346	7216		5064																			
		0.76	1.57	0.76	1.84																		
450	4302	10173		7769		5823																	
		1.31	1.39	1.44	1.56	1.34	1.49																
550	5258	12913		11098		10090		7155															
		2.04	1.24	2.40	1.41	2.45	1.48	2.27	1.48														
650	6214	15598		14031		13262		11542		9115		7247											
		3.26	1.04	3.76	1.22	3.94	1.28	4.03	1.40	3.83	1.43	3.41	1.39										
750	7170	18223		16861		16186		14842		13307		12384		8326									
		4.98	0.89	5.48	1.07	5.78	1.13	6.14	1.24	6.18	1.34	6.11	1.37	5.23	1.34								
850	8126	20826		19623		19022		17837		16640		15993		13642		9239							
		7.23	0.77	7.67	0.96	8.03	1.02	8.64	1.11	8.97	1.20	9.02	1.24	8.85	1.33	7.49	1.31						
950	9082	23414		22333		21795		20724		19670		19140		17406		14801		10097					
		10.11	0.69	10.43	0.87	10.80	0.92	11.59	1.01	12.19	1.09	12.39	1.13	12.60	1.24	12.27	1.31	10.28	1.28				
1050	10038	25991		25007		24521		23548		22584		22108		20660		18728		15911		11294			
		13.69	0.63	13.86	0.79	14.21	0.85	15.08	0.93	15.91	1.00	16.24	1.04	16.88	1.13	16.98	1.23	16.46	1.29	14.01	1.27		
1151	11004	28585		27680		27237		26350		25463		25024		23720		22134		20033		17212		12591	
		18.08	0.58	18.09	0.72	18.39	0.78	19.27	0.87	20.25	0.93	20.70	0.96	21.75	1.05	22.35	1.14	22.30	1.23	21.62	1.28	18.69	1.25

80% Width

Maximum RPM: 1151				Max BHP: (RPM/437) ^{^3}				Outlet Area: 7.27 Sq.Ft.				Wheel Diameter: 36.5"				Tip Speed: 9.56 X RPM				Max Motor Frame Size: 286T			
RPM	Tip Speed	0.25"SP CFM		0.75"SP CFM		1"SP CFM		1.5"SP CFM		1.75"SP CFM		2.13"SP CFM		2.88"SP CFM		3.75"SP CFM		4.75"SP CFM		5.75"SP CFM		7"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
250	2390	2952																					
		0.25	1.82																				
350	3346	6041		2787																			
		0.56	1.72	0.50	1.57																		
450	4302	8646		6274		4562																	
		1.04	1.45	1.19	1.51	1.13	1.40																
550	5258	11041		9319		8283		5558															
		1.76	1.20	2.02	1.39	2.11	1.40	2.02	1.30														
650	6214	13332		11886		11144		9360		8352		6140											
		2.89	0.97	3.10	1.22	3.24	1.28	3.41	1.33	3.39	1.33	3.17	1.22										
750	7170	15575		14351		13694		12387		11626		10297		6483									
		4.34	0.82	4.63	1.05	4.71	1.14	5.03	1.24	5.14	1.26	5.12	1.29	4.37	1.21								
850	8126	17798		16757		16175		15018		14451		13498		11182		6588							
		6.10	0.73	6.72	0.90	6.73	1.00	6.95	1.13	7.15	1.17	7.39	1.21	7.31	1.27	5.32	1.28						
950	9082	20029		19067		18582		17570		17056		16260		14507		12067		7546					
		8.46	0.65	8.93	0.82	9.19	0.89	9.64	1.00	9.82	1.05	10.01	1.12	10.20	1.21	10.30	1.23	8.89	1.09				
1050	10038	22245		21358		20929		20033		19572		18866		17421		15481		12871		8733			
		11.37	0.59	11.87	0.74	12.15	0.80	12.71	0.91	12.95	0.95	13.25	1.02	13.62	1.12	13.82	1.20	13.90	1.20	12.26	1.09		
1151	11004	24478		23647		23259		22461		22048		21409		20131		18549		16419		14000		8945	
		14.94	0.55	15.46	0.67	15.76	0.73	16.38	0.83	16.68	0.87	17.08	0.93	17.67	1.03	18.03	1.13	18.24	1.19	18.30	1.18	15.65	1.05

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

365 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1151				Max BHP: (RPM/492) ³				Outlet Area: 6.47 Sq.Ft.				Wheel Diameter: 36.5"				Tip Speed: 9.56 X RPM				Max Motor Frame Size: 286T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.5"SP		0.88"SP		1.38"SP		2"SP		2.63"SP		3.5"SP		4.38"SP		5.38"SP		6.44"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
250	2390	1995																					
		0.18	1.74																				
350	3346	4018		3439		2758																	
		0.38	1.65	0.40	1.63	0.41	1.49																
450	4302	5846		5365		4928		3284															
		0.70	1.40	0.73	1.45	0.73	1.50	0.78	1.36														
550	5258	7599		7205		6834		5669		3640													
		1.15	1.18	1.20	1.25	1.23	1.30	1.34	1.37	1.30	1.26												
650	6214	9200		8890		8594		7624		6261		3919											
		1.85	0.95	1.91	1.02	1.96	1.08	2.08	1.22	2.26	1.24	2.05	1.16										
750	7170	10784		10519		10270		9446		8324		6811		4708									
		2.77	0.79	2.87	0.86	2.94	0.91	3.10	1.05	3.28	1.17	3.53	1.17	3.21	1.12								
850	8126	12350		12116		11901		11190		10216		8965		7579		4667							
		3.97	0.68	4.09	0.73	4.18	0.78	4.40	0.91	4.61	1.05	4.88	1.13	5.15	1.13	4.43	1.04						
950	9082	13905		13694		13501		12879		12020		10930		9770		8018		5171					
		5.47	0.60	5.61	0.64	5.73	0.68	6.02	0.80	6.28	0.93	6.56	1.05	6.89	1.10	7.22	1.09	6.18	1.01				
1050	10038	15453		15258		15083		14528		13766		12788		11777		10295		8655		5560			
		7.31	0.53	7.48	0.57	7.62	0.61	7.98	0.71	8.32	0.84	8.63	0.95	8.95	1.04	9.47	1.08	9.73	1.07	8.31	0.97		
1151	11004	17010		16830		16668		16164		15482		14601		13689		12397		11001		9268		6215	
		9.55	0.48	9.75	0.52	9.91	0.55	10.34	0.64	10.77	0.75	11.15	0.87	11.49	0.96	12.01	1.04	12.58	1.06	12.79	1.05	10.97	0.97

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

365 CLASS 2 | BELT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1490				Max BHP: (RPM/408) ^{^3}				Outlet Area: 7.76 Sq.Ft.				Wheel Diameter: 36.5"				Tip Speed: 9.56 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		9"SP CFM		10.5"SP CFM		12"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1200	11472	29399		28545		27694		26842		25165		23467		21547		16201							
		20.35	0.63	20.72	0.75	21.58	0.84	22.60	0.90	24.33	1.01	25.24	1.11	25.36	1.20	23.78	1.26						
1225	11711	30047		29209		28376		27542		25895		24245		22421		17507							
		21.65	0.62	21.99	0.74	22.83	0.82	23.86	0.89	25.70	0.99	26.75	1.09	27.02	1.18	25.75	1.26						
1250	11950	30695		29873		29057		28238		26621		25013		23271		18709							
		23.01	0.61	23.31	0.72	24.13	0.81	25.18	0.87	27.11	0.98	28.31	1.07	28.71	1.16	27.69	1.26						
1275	12189	31342		30535		29735		28933		27343		25772		24102		19836							
		24.42	0.60	24.68	0.71	25.49	0.79	26.54	0.86	28.57	0.96	29.90	1.06	30.44	1.14	29.65	1.26						
1300	12428	31989		31195		30411		29625		28063		26524		24914		20905		14495					
		25.89	0.59	26.12	0.70	26.90	0.78	27.96	0.85	30.07	0.95	31.53	1.04	32.22	1.12	31.66	1.25	27.30	1.24				
1325	12667	32635		31855		31086		30314		28779		27269		25713		21928		16251					
		27.43	0.58	27.61	0.69	28.37	0.77	29.43	0.83	31.61	0.93	33.21	1.02	34.04	1.11	33.71	1.24	30.68	1.24				
1350	12906	33280		32514		31759		31002		29493		28010		26499		22912		17772					
		29.02	0.57	29.16	0.67	29.90	0.76	30.95	0.82	33.20	0.92	34.93	1.01	35.90	1.09	35.83	1.22	33.53	1.24				
1400	13384	34570		33828		33100		32370		30912		29478		28040		24782		20390		15334			
		32.39	0.55	32.45	0.65	33.14	0.73	34.17	0.80	36.53	0.90	38.50	0.98	39.75	1.05	40.21	1.19	38.64	1.25	33.67	1.23		
1450	13862	35858		35139		34435		33732		32322		30931		29551		26548		22679		18720			
		36.02	0.54	36.00	0.63	36.62	0.71	37.63	0.77	40.06	0.87	42.25	0.95	43.78	1.02	44.80	1.16	43.67	1.24	41.22	1.23		
1490	14244	36887		36186		35500		34816		33443		32085		30743		27902		24362		20919		15856	
		39.11	0.53	39.02	0.62	39.60	0.70	40.57	0.76	43.05	0.85	45.40	0.93	47.14	1.00	48.62	1.13	47.83	1.23	46.10	1.24	39.72	1.22

80% Width

Maximum RPM: 1490				Max BHP: (RPM/437) ^{^3}				Outlet Area: 7.27 Sq.Ft.				Wheel Diameter: 36.5"				Tip Speed: 9.56 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.5"SP CFM		1"SP CFM		1.5"SP CFM		2"SP CFM		3"SP CFM		4"SP CFM		5"SP CFM		7"SP CFM		8.5"SP CFM		10"SP CFM		11.7"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1200	11472	25136		24379		23621		22829		21203		19479		17474		12412							
		17.16	0.59	17.75	0.70	18.39	0.80	19.01	0.88	19.94	1.01	20.41	1.12	20.64	1.18	20.15	1.13						
1225	11711	25692		24948		24209		23437		21848		20185		18278		13619							
		18.23	0.58	18.83	0.69	19.48	0.78	20.13	0.86	21.12	0.99	21.66	1.10	21.92	1.17	21.83	1.15						
1250	11950	26249		25516		24794		24042		22488		20878		19061		14669							
		19.34	0.57	19.95	0.67	20.62	0.77	21.28	0.84	22.34	0.97	22.94	1.08	23.24	1.15	23.37	1.16						
1275	12189	26804		26083		25377		24644		23124		21559		19825		15638		10475					
		20.51	0.56	21.12	0.66	21.79	0.75	22.48	0.83	23.60	0.95	24.27	1.06	24.62	1.14	24.88	1.17	21.83	1.06				
1300	12428	27360		26649		25958		25243		23756		22232		20571		16561		12369					
		21.71	0.55	22.33	0.65	23.02	0.74	23.72	0.81	24.91	0.94	25.65	1.04	26.04	1.12	26.40	1.17	24.83	1.10				
1325	12667	27915		27214		26537		25839		24385		22897		21301		17455		13817					
		22.97	0.54	23.59	0.64	24.29	0.72	25.00	0.80	26.25	0.92	27.07	1.02	27.52	1.11	27.93	1.17	27.19	1.12				
1350	12906	28470		27778		27115		26433		25010		23555		22016		18329		15012					
		24.27	0.53	24.90	0.63	25.61	0.71	26.34	0.78	27.64	0.90	28.53	1.01	29.04	1.09	29.51	1.17	29.22	1.14				
1400	13384	29579		28903		28265		27613		26250		24855		23409		20023		17044		12727			
		27.02	0.52	27.67	0.61	28.39	0.69	29.14	0.76	30.56	0.87	31.59	0.97	32.23	1.06	32.82	1.16	32.93	1.16	30.37	1.08		
1450	13862	30686		30026		29409		28784		27479		26136		24764		21645		18877		15625			
		29.98	0.50	30.64	0.59	31.37	0.66	32.15	0.73	33.66	0.85	34.84	0.94	35.61	1.03	36.35	1.14	36.62	1.16	35.96	1.12		
1490	14244	31572		30923		30321		29716		28454		27151		25827		22892		20280		17371		11751	
		32.50	0.49	33.16	0.57	33.91	0.65	34.70	0.71	36.28	0.83	37.57	0.92	38.45	1.00	39.34	1.12	39.67	1.16	39.56	1.14	34.18	1.03

365 CLASS 2 | BELT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1490	Max BHP: (RPM/492) ³	Outlet Area: 6.47 Sq.Ft.	Wheel Diameter: 36.5"	Tip Speed: 9.56 X RPM	Max Motor Frame Size: 326T
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RPM	Tip Speed	0.5"SP		1"SP		1.5"SP		2"SP		3"SP		4"SP		5"SP		7"SP		8.5"SP		10"SP		10.8"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
1200	11472	17433		16796		16141		15462		14075		12635		11090		6479							
		11.17	0.52	11.76	0.64	12.20	0.74	12.54	0.83	13.10	0.97	13.74	1.04	14.39	1.05	12.43	0.97						
1225	11711	17823		17199		16560		15897		14541		13143		11648		7743							
		11.85	0.51	12.47	0.62	12.93	0.72	13.29	0.81	13.86	0.95	14.50	1.03	15.19	1.05	14.04	1.02						
1250	11950	18213		17601		16977		16330		15003		13642		12196		8717							
		12.56	0.50	13.20	0.61	13.69	0.71	14.06	0.79	14.66	0.93	15.29	1.01	16.01	1.04	15.66	1.03						
1275	12189	18601		18001		17392		16760		15462		14135		12735		9522							
		13.30	0.49	13.97	0.60	14.47	0.69	14.87	0.78	15.48	0.91	16.11	1.00	16.85	1.04	17.08	1.03						
1300	12428	18990		18401		17805		17188		15918		14622		13264		10230							
		14.07	0.48	14.76	0.58	15.29	0.68	15.70	0.76	16.34	0.89	16.97	0.99	17.71	1.03	18.36	1.03						
1325	12667	19378		18799		18216		17614		16370		15104		13784		10881		7294					
		14.86	0.47	15.58	0.57	16.13	0.66	16.56	0.74	17.23	0.88	17.86	0.97	18.59	1.02	19.55	1.03	16.80	0.96				
1350	12906	19766		19197		18626		18037		16820		15580		14297		11497		8537					
		15.69	0.46	16.43	0.56	17.00	0.65	17.46	0.73	18.15	0.86	18.78	0.96	19.52	1.01	20.71	1.03	18.80	1.01				
1400	13384	20541		19990		19442		18879		17711		16520		15301		12670		10342					
		17.43	0.45	18.22	0.54	18.84	0.62	19.34	0.70	20.10	0.83	20.75	0.93	21.46	0.99	22.95	1.03	22.53	1.02				
1450	13862	21314		20780		20253		19713		18592		17446		16281		13795		11733		8595			
		19.29	0.43	20.13	0.52	20.80	0.60	21.35	0.67	22.18	0.80	22.85	0.90	23.56	0.97	25.19	1.02	25.59	1.02	22.58	0.98		
1490	14244	21932		21411		20898		20376		19291		18178		17051		14669		12726		10276		8016	
		20.88	0.42	21.76	0.50	22.46	0.58	23.05	0.65	23.94	0.77	24.64	0.88	25.35	0.95	27.03	1.02	27.84	1.02	26.39	1.01	23.79	0.94

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

402 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 1044				Max BHP: (RPM/347) ^{^3}				Outlet Area: 9.42 Sq.Ft.				Wheel Diameter: 40.25"				Tip Speed: 10.54 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1"SP		1.5"SP		2"SP		2.63"SP		3.38"SP		4.38"SP		5.88"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
230	2424	4785		3808																			
		0.43	1.72	0.42	1.69																		
325	3426	9107		8143		4814																	
		0.98	1.55	1.00	1.59	0.89	1.51																
420	4427	12816		12130		10016		7991															
		1.69	1.37	1.78	1.43	1.88	1.54	1.81	1.52														
500	5270	15774		15188		13544		12341		8839													
		2.48	1.25	2.62	1.30	2.94	1.40	3.00	1.48	2.78	1.49												
575	6061	18455		17947		16505		15544		13321		10024											
		3.69	1.07	3.82	1.14	4.28	1.24	4.48	1.31	4.53	1.43	4.20	1.42										
650	6851	21103		20653		19371		18517		16779		14664		10723									
		5.29	0.93	5.39	1.00	5.91	1.12	6.23	1.17	6.56	1.29	6.51	1.38	5.92	1.36								
725	7642	23729		23324		22175		21400		19875		18260		15716		11059							
		7.32	0.82	7.39	0.89	7.90	1.01	8.31	1.07	8.91	1.17	9.13	1.27	8.96	1.35	7.83	1.32						
825	8696	27208		26847		25838		25154		23799		22461		20654		17988		12558					
		10.79	0.72	10.80	0.78	11.24	0.90	11.69	0.96	12.58	1.05	13.18	1.13	13.46	1.23	13.22	1.31	11.52	1.29				
950	10013	31531		31212		30332		29740		28553		27379		25916		24069		21068		13948			
		16.53	0.63	16.47	0.67	16.75	0.79	17.17	0.85	18.23	0.93	19.23	1.00	20.10	1.09	20.54	1.18	20.26	1.27	17.15	1.26		
1044	11004	34769		34475		33668		33130		32051		30973		29635		28042		25716		21166		15336	
		22.00	0.58	21.88	0.62	22.02	0.72	22.38	0.78	23.45	0.86	24.64	0.93	25.91	1.00	26.88	1.09	27.27	1.19	26.37	1.27	22.77	1.25

80% Width

Maximum RPM: 1044				Max BHP: (RPM/371) ^{^3}				Outlet Area: 8.85 Sq.Ft.				Wheel Diameter: 40.25"				Tip Speed: 10.54 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1"SP		1.5"SP		2"SP		2.63"SP		3.25"SP		4.38"SP		5.75"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
230	2424	3770		2232																			
		0.31	1.86	0.33	1.34																		
325	3426	7625		6755		3562																	
		0.73	1.68	0.75	1.71	0.66	1.51																
420	4427	10909		10235		8165		6276															
		1.35	1.42	1.47	1.43	1.56	1.50	1.54	1.41														
500	5270	13465		12937		11377		10124		6862													
		2.16	1.19	2.24	1.26	2.47	1.38	2.58	1.39	2.49	1.30												
575	6061	15773		15323		13970		13036		10745		7637											
		3.27	0.99	3.35	1.07	3.53	1.24	3.70	1.30	3.86	1.34	3.69	1.23										
650	6851	18037		17654		16462		15638		13913		11733		7596									
		4.65	0.86	4.81	0.92	4.94	1.10	5.07	1.18	5.43	1.27	5.45	1.30	4.73	1.21								
725	7642	20279		19939		18910		18152		16679		15021		12477		8630							
		6.30	0.77	6.60	0.81	6.80	0.97	6.84	1.06	7.21	1.18	7.54	1.24	7.43	1.28	6.60	1.18						
825	8696	23270		22942		22053		21430		20136		18807		16931		14760		8520					
		9.05	0.68	9.19	0.73	9.61	0.86	9.91	0.92	10.41	1.04	10.71	1.14	10.89	1.22	10.99	1.24	9.37	1.08				
950	10013	26987		26686		25906		25383		24290		23162		21709		20151		16769		10362			
		13.74	0.59	13.88	0.63	14.34	0.74	14.68	0.80	15.35	0.91	15.90	0.99	16.34	1.09	16.57	1.16	16.79	1.21	14.65	1.08		
1044	11004	29773		29489		28763		28291		27321		26309		25010		23697		20985		17037		10908	
		18.18	0.54	18.32	0.58	18.81	0.67	19.17	0.73	19.93	0.83	20.63	0.91	21.30	1.00	21.73	1.08	22.12	1.17	22.27	1.18	19.07	1.05

402 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 1044				Max BHP: (RPM/418) ^3				Outlet Area: 7.85 Sq.Ft.				Wheel Diameter: 40.25"				Tip Speed: 10.54 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.63"SP		1"SP		1.38"SP		1.88"SP		2.5"SP		3.1"SP		4"SP		5.25"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
230	2424	2528																					
		0.22	1.74																				
325	3426	5070		4387		2532																	
		0.49	1.63	0.51	1.61	0.43	1.51																
420	4427	7393		6824		5738		3563															
		0.90	1.38	0.95	1.42	1.00	1.46	0.95	1.31														
500	5270	9252		8792		7876		6429		4547													
		1.41	1.17	1.46	1.24	1.54	1.34	1.68	1.34	1.61	1.25												
575	6061	10878		10490		9708		8513		7185		4839											
		2.09	0.98	2.17	1.05	2.28	1.16	2.41	1.26	2.58	1.24	2.36	1.17										
650	6851	12477		12139		11463		10423		9320		7739		4683									
		2.96	0.84	3.07	0.90	3.21	1.01	3.37	1.13	3.54	1.19	3.76	1.18	3.22	1.06								
725	7642	14058		13757		13164		12244		11279		9950		8139		5308							
		4.05	0.73	4.18	0.79	4.37	0.89	4.56	1.01	4.73	1.10	5.00	1.15	5.23	1.13	4.48	1.04						
825	8696	16150		15882		15371		14582		13744		12624		11162		9634		6141					
		5.87	0.62	6.03	0.67	6.28	0.76	6.56	0.88	6.77	0.97	7.03	1.07	7.41	1.11	7.70	1.10	6.63	1.02				
950	10013	18746		18509		18066		17400		16689		15730		14522		13307		11347		7386			
		8.83	0.53	9.04	0.57	9.37	0.65	9.75	0.74	10.05	0.83	10.36	0.93	10.73	1.02	11.16	1.07	11.72	1.07	10.26	1.01		
1044	11004	20690		20470		20064		19465		18832		17970		16882		15814		14132		11574		7909	
		11.62	0.48	11.86	0.51	12.25	0.58	12.72	0.67	13.10	0.75	13.49	0.84	13.89	0.94	14.30	1.01	15.02	1.05	15.61	1.05	13.50	0.99

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANS/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

445 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 944				Max BHP: (RPM/294) ^{^3}				Outlet Area: 11.51 Sq.Ft.				Wheel Diameter: 44.5"				Tip Speed: 11.65 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.75"SP		1.38"SP		2"SP		2.63"SP		3.25"SP		3.88"SP		4.75"SP		5.88"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
210	2447	5992		4378																			
		0.54	1.72	0.51	1.59																		
325	3786	12851		11804		7993																	
		1.50	1.47	1.54	1.53	1.50	1.50																
420	4893	17665		16916		14692		8741															
		2.58	1.30	2.71	1.36	2.98	1.46	2.61	1.46														
500	5825	21593		20946		19119		15697		9779													
		4.03	1.12	4.19	1.18	4.72	1.28	4.92	1.44	4.09	1.41												
575	6699	25181		24619		23017		20310		16988		11449											
		6.06	0.95	6.19	1.02	6.81	1.14	7.49	1.28	7.40	1.39	6.30	1.36										
640	7456	28261		27754		26315		23897		21359		17991		12841									
		8.32	0.84	8.42	0.91	9.05	1.03	10.07	1.17	10.38	1.29	10.10	1.36	8.73	1.32								
700	8155	31088		30622		29306		27079		24893		22323		19065		14130							
		10.88	0.77	10.93	0.83	11.52	0.95	12.80	1.08	13.48	1.19	13.53	1.29	13.11	1.33	11.47	1.30						
775	9029	34605		34179		32991		30967		29012		26955		24606		21664		15701					
		14.79	0.69	14.78	0.75	15.27	0.87	16.72	0.99	17.86	1.09	18.38	1.19	18.35	1.27	17.91	1.31	15.61	1.28				
860	10019	38575		38186		37110		35286		33505		31717		29876		27757		24170		17152			
		20.25	0.62	20.18	0.67	20.52	0.79	22.01	0.91	23.55	1.00	24.63	1.08	25.13	1.16	25.13	1.23	24.50	1.28	21.10	1.26		
944	10998	42485		42127		41140		39479		37845		36208		34603		32896		30217		25847		18703	
		26.86	0.58	26.71	0.62	26.89	0.72	28.30	0.84	30.09	0.93	31.64	1.00	32.68	1.07	33.21	1.14	33.20	1.22	32.20	1.27	27.77	1.24

80% Width

Maximum RPM: 944				Max BHP: (RPM/314) ^{^3}				Outlet Area: 10.79 Sq.Ft.				Wheel Diameter: 44.5"				Tip Speed: 11.65 X RPM				Max Motor Frame Size: 324T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.88"SP		1.38"SP		1.88"SP		2.5"SP		3.13"SP		3.75"SP		4.63"SP		5.75"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
210	2447	4751		2821																			
		0.38	1.88	0.40	1.36																		
325	3786	10829		9835		4952																	
		1.21	1.50	1.20	1.59	1.10	1.41																
420	4893	15101		14370		11350		6262															
		2.14	1.30	2.27	1.34	2.54	1.44	2.23	1.24														
500	5825	18455		17872		15544		12680		8508													
		3.55	1.05	3.64	1.12	4.00	1.31	4.22	1.35	3.91	1.23												
575	6699	21536		21048		19008		16898		14221		9391											
		5.25	0.89	5.45	0.95	5.78	1.16	6.17	1.27	6.27	1.30	5.64	1.19										
640	7456	24168		23745		21922		20088		18037		14924		9736									
		6.99	0.81	7.33	0.85	7.82	1.04	8.18	1.18	8.52	1.25	8.52	1.27	7.04	1.20								
700	8155	26578		26199		24574		22854		21168		18585		15641		10400							
		8.85	0.75	9.31	0.78	10.10	0.94	10.47	1.08	10.85	1.18	11.11	1.24	11.06	1.25	8.77	1.21						
775	9029	29602		29211		27791		26292		24753		22728		20328		17657		11982					
		12.38	0.65	12.54	0.70	13.27	0.86	13.98	0.98	14.48	1.07	14.82	1.17	14.98	1.22	15.06	1.22	13.45	1.11				
860	10019	33016		32649		31365		30049		28677		26945		25057		22940		19543		12784			
		16.83	0.59	17.01	0.63	17.79	0.77	18.62	0.88	19.34	0.97	19.93	1.07	20.27	1.15	20.45	1.20	20.58	1.20	18.03	1.07		
944	10998	36381		36034		34846		33673		32445		30886		29269		27566		24807		20804		13282	
		22.20	0.54	22.38	0.58	23.20	0.70	24.12	0.81	25.00	0.89	25.87	0.98	26.45	1.06	26.79	1.13	27.08	1.18	27.19	1.18	23.25	1.04

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

445 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 944	Max BHP: (RPM/353) ³	Outlet Area: 9.56 Sq.Ft.	Wheel Diameter: 44.5"	Tip Speed: 11.65 X RPM	Max Motor Frame Size: 324T
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RPM	Tip Speed	0.25"SP CFM		0.38"SP CFM		0.88"SP CFM		1.25"SP CFM		1.75"SP CFM		2.38"SP CFM		2.88"SP CFM		3.5"SP CFM		4.25"SP CFM		5.25"SP CFM		6.38"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
210	2447	3170																					
		0.28	1.74																				
325	3786	7232		6444		3695																	
		0.78	1.49	0.78	1.58	0.77	1.50																
420	4893	10322		9683		7183		4271															
		1.41	1.27	1.48	1.32	1.67	1.36	1.36	1.29														
500	5825	12713		12215		10190		8561		5560													
		2.29	1.03	2.37	1.10	2.60	1.27	2.79	1.26	2.53	1.18												
575	6699	14881		14458		12732		11402		9451		5729											
		3.40	0.86	3.52	0.92	3.81	1.12	4.00	1.20	4.28	1.19	3.70	1.08										
640	7456	16736		16359		14836		13662		12011		9714		7010									
		4.62	0.75	4.76	0.81	5.14	1.00	5.34	1.10	5.66	1.16	5.94	1.13	5.28	1.08								
700	8155	18437		18090		16721		15657		14190		12216		10506		7219							
		5.97	0.67	6.14	0.73	6.62	0.90	6.85	1.01	7.15	1.10	7.61	1.12	7.77	1.10	6.74	1.04						
775	9029	20551		20234		19017		18070		16763		15067		13635		11731		8297					
		8.00	0.59	8.22	0.64	8.81	0.80	9.11	0.90	9.43	1.01	9.89	1.08	10.30	1.09	10.55	1.08	9.27	1.03				
860	10019	22935		22645		21558		20723		19557		18065		16846		15254		13193		9096			
		10.82	0.53	11.07	0.57	11.81	0.71	12.20	0.80	12.60	0.91	13.06	1.01	13.47	1.05	14.03	1.07	14.42	1.06	12.61	1.01		
944	10998	25282		25013		24024		23278		22233		20885		19802		18424		16664		14134		9639	
		14.19	0.48	14.48	0.51	15.37	0.64	15.85	0.72	16.36	0.82	16.88	0.92	17.28	0.98	17.84	1.03	18.58	1.05	19.06	1.04	16.47	0.98

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

490 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 857				Max BHP: (RPM/250) ^{^3}				Outlet Area: 13.93 Sq.Ft.				Wheel Diameter: 49"				Tip Speed: 12.83 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.88"SP		1.5"SP		1.75"SP		2.38"SP		3.2"SP		4.1"SP		5.1"SP		6.1"SP		7.1"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
190	2438	7197		5424																			
		0.65	1.72	0.62	1.62																		
300	3849	15921		14682		7755																	
		1.88	1.46	1.93	1.52	1.70	1.42																
360	4619	19998		19030		14924		9780															
		2.75	1.34	2.89	1.40	3.11	1.54	2.68	1.67														
425	5453	24305		23466		20270		14915		11139													
		4.04	1.21	4.25	1.26	4.88	1.40	4.71	1.49	4.07	1.44												
500	6415	29120		28408		25683		22149		20382		13801											
		6.46	1.00	6.64	1.07	7.59	1.21	8.01	1.36	7.93	1.40	6.88	1.37										
575	7377	33874		33252		30869		27959		26728		22994		15119									
		9.77	0.85	9.89	0.92	10.96	1.07	11.99	1.20	12.15	1.25	12.01	1.35	10.11	1.32								
650	8340	38590		38035		35926		33334		32303		29548		24991		16948							
		14.11	0.75	14.15	0.81	15.18	0.96	16.70	1.08	17.12	1.13	17.60	1.23	17.21	1.32	14.52	1.29						
725	9302	43280		42777		40885		38543		37611		35270		31907		27161		18912					
		19.61	0.67	19.58	0.72	20.45	0.87	22.26	0.99	22.91	1.03	24.03	1.12	24.41	1.23	23.75	1.30	20.15	1.27				
800	10264	47952		47490		45770		43644		42790		40666		37865		34346		29361		22010			
		26.41	0.61	26.30	0.66	26.95	0.80	28.86	0.91	29.67	0.95	31.38	1.03	32.60	1.13	32.73	1.23	31.76	1.28	28.13	1.25		
857	10995	51493		51058		49446		47463		46662		44663		42092		39092		35119		30071		22619	
		32.53	0.58	32.36	0.62	32.82	0.75	34.69	0.86	35.58	0.90	37.65	0.97	39.50	1.07	40.32	1.16	39.95	1.24	38.61	1.27	33.57	1.24

80% Width

Maximum RPM: 857				Max BHP: (RPM/267) ^3				Outlet Area: 13.05 Sq.Ft.				Wheel Diameter: 49"				Tip Speed: 12.83 X RPM				Max Motor Frame Size: 326T			
RPM	Tip Speed	0.25"SP		0.38"SP		0.88"SP		1.25"SP		1.63"SP		2.25"SP		3"SP		3.88"SP		5"SP		6"SP		7"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
190	2438	5691		3378																			
		0.46	1.87	0.49	1.34																		
300	3849	13432		12249		6305																	
		1.50	1.51	1.53	1.57	1.45	1.36																
360	4619	17059		16103		12023		6974															
		2.23	1.37	2.40	1.39	2.64	1.45	2.24	1.26														
425	5453	20756		20000		16928		14084		10073													
		3.54	1.14	3.65	1.21	4.09	1.37	4.25	1.37	4.01	1.26												
500	6415	24891		24272		21702		19711		17195		11776											
		5.71	0.92	5.87	0.99	6.21	1.22	6.59	1.28	6.72	1.31	6.40	1.20										
575	7377	28950		28429		26220		24540		22768		19127		12961									
		8.46	0.79	8.84	0.84	9.12	1.06	9.45	1.17	9.91	1.22	10.02	1.28	9.31	1.17								
650	8340	32979		32509		30643		29110		27587		24944		20871		13653							
		11.78	0.71	12.49	0.74	13.10	0.92	13.19	1.04	13.61	1.12	14.40	1.20	14.24	1.25	12.23	1.18						
725	9302	37028		36563		34892		33604		32240		29968		26890		22574		13714					
		16.38	0.63	16.58	0.68	17.48	0.83	18.17	0.92	18.77	1.00	19.40	1.10	19.77	1.20	19.96	1.21	17.10	1.06				
800	10264	41047		40608		39084		37947		36732		34705		32160		28723		23573		16291			
		21.92	0.58	22.13	0.62	23.09	0.75	23.86	0.84	24.62	0.91	25.58	1.01	26.25	1.11	26.63	1.19	26.79	1.19	23.79	1.08		
857	10995	44094		43674		42233		41186		40072		38195		35880		32940		28510		23981		16032	
		26.88	0.54	27.10	0.58	28.10	0.70	28.92	0.78	29.76	0.85	30.96	0.94	31.92	1.05	32.52	1.14	32.90	1.19	32.79	1.16	28.12	1.04

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

490 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 857	Max BHP: (RPM/302) ³	Outlet Area: 11.56 Sq.Ft.	Wheel Diameter: 49"	Tip Speed: 12.83 X RPM	Max Motor Frame Size: 326T
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RPM	Tip Speed	0.25"SP CFM		0.5"SP CFM		0.88"SP CFM		1.13"SP CFM		1.5"SP CFM		2.13"SP CFM		2.88"SP CFM		3.63"SP CFM		4.5"SP CFM		5.5"SP CFM		6.38"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
190	2438	3805																					
		0.33	1.73																				
300	3849	8987		7186																			
		0.99	1.47	1.03	1.53																		
360	4619	11604		10053		7531		4732															
		1.48	1.33	1.59	1.42	1.76	1.35	1.33	1.34														
425	5453	14275		12999		10963		9504		6724													
		2.30	1.11	2.45	1.24	2.65	1.33	2.79	1.29	2.60	1.21												
500	6415	17191		16139		14453		13312		11509		7327											
		3.64	0.91	3.87	1.03	4.10	1.17	4.25	1.22	4.50	1.21	4.08	1.13										
575	7377	20056		19159		17723		16752		15286		12581		7718									
		5.43	0.76	5.74	0.87	6.05	1.01	6.21	1.08	6.47	1.15	6.93	1.14	6.00	1.05								
650	8340	22893		22103		20863		20016		18744		16504		13579		9240							
		7.71	0.65	8.11	0.75	8.54	0.88	8.74	0.95	9.01	1.04	9.54	1.11	10.07	1.10	8.84	1.04						
725	9302	25711		24999		23909		23165		22036		20084		17634		14970		10444					
		10.57	0.57	11.06	0.66	11.61	0.77	11.88	0.84	12.21	0.93	12.73	1.04	13.47	1.08	13.98	1.07	12.33	1.02				
800	10264	28517		27863		26886		26226		25220		23468		21337		19076		16243		11362			
		14.06	0.51	14.65	0.59	15.32	0.69	15.67	0.75	16.10	0.83	16.68	0.95	17.40	1.03	18.23	1.06	18.79	1.05	16.47	1.00		
857	10995	30642		30025		29116		28508		27583		25960		23996		21963		19449		16253		11647	
		17.18	0.48	17.84	0.54	18.61	0.64	19.03	0.70	19.53	0.77	20.20	0.88	20.93	0.98	21.77	1.04	22.77	1.05	22.91	1.04	19.93	0.98

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

542 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

100% Width

Maximum RPM: 774				Max BHP: (RPM/211)^(3)				Outlet Area: 17.06 Sq.Ft.				Wheel Diameter: 54.25"				Tip Speed: 14.2 X RPM				Max Motor Frame Size: 364T			
RPM	Tip Speed	0.25"SP CFM		0.5"SP CFM		0.88"SP CFM		1.5"SP CFM		1.88"SP CFM		2.75"SP CFM		3.5"SP CFM		4.38"SP CFM		5.38"SP CFM		6.25"SP CFM		7.1"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
170	2414	8607																					
		0.77	1.72																				
275	3905	19896		16989		10214																	
		2.37	1.45	2.49	1.54	2.21	1.43																
360	5112	27635		25599		22294		13749															
		4.24	1.26	4.65	1.36	5.01	1.46	4.40	1.45														
425	6035	33386		31601		28923		24000		19690													
		6.64	1.07	7.15	1.18	7.91	1.27	8.13	1.43	7.77	1.43												
490	6958	39003		37455		35106		31290		28591		19238											
		10.07	0.91	10.52	1.03	11.53	1.13	12.48	1.26	12.51	1.34	11.10	1.34										
550	7810	44141		42758		40660		37288		35178		29189		21068									
		14.21	0.80	14.55	0.91	15.63	1.02	17.19	1.14	17.64	1.21	17.41	1.34	15.46	1.31								
610	8662	49249		47994		46104		43036		41185		36592		31473		22295							
		19.40	0.72	19.60	0.82	20.64	0.93	22.65	1.05	23.52	1.11	24.19	1.24	23.61	1.31	20.44	1.28						
675	9585	54758		53613		51906		49118		47431		43555		39766		34145		24441					
		26.34	0.65	26.36	0.74	27.27	0.85	29.55	0.96	30.81	1.02	32.54	1.14	32.74	1.23	31.85	1.29	27.51	1.26				
725	10295	58982		57908		56316		53718		52135		48561		45327		40857		34302		25684			
		32.70	0.61	32.59	0.69	33.35	0.80	35.69	0.91	37.18	0.96	39.67	1.07	40.57	1.16	40.33	1.25	38.81	1.28	33.54	1.25		
774	10991	63113		62099		60604		58172		56682		53320		50408		46651		41465		35748		27709	
		39.87	0.58	39.61	0.65	40.22	0.75	42.52	0.86	44.16	0.91	47.33	1.02	48.91	1.10	49.43	1.19	48.61	1.26	46.90	1.26	41.13	1.24

80% Width

Maximum RPM: 774				Max BHP: (RPM/226) ^{^3}				Outlet Area: 15.98 Sq.Ft.				Wheel Diameter: 54.25"				Tip Speed: 14.2 X RPM				Max Motor Frame Size: 364T			
RPM	Tip Speed	0.25"SP CFM		0.5"SP CFM		0.88"SP CFM		1.5"SP CFM		2"SP CFM		2.75"SP CFM		3.38"SP CFM		4.25"SP CFM		5.25"SP CFM		6.1"SP CFM		7"SP CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
170	2414	6762																					
		0.55	1.85																				
275	3905	16806		14066		8163																	
		1.88	1.51	1.93	1.62	1.88	1.35																
360	5112	23633		21676		18463		9691															
		3.60	1.23	3.91	1.34	4.25	1.41	3.72	1.21														
425	6035	28529		26924		24372		19345		13496													
		5.88	0.99	6.11	1.14	6.50	1.28	6.93	1.33	6.55	1.22												
490	6958	33325		31996		29758		26011		22174		12963											
		8.90	0.83	9.29	0.95	9.46	1.13	10.31	1.25	10.38	1.29	8.11	1.23										
550	7810	37711		36550		34619		31327		28495		23156		16393									
		12.30	0.74	13.11	0.83	13.18	0.99	13.86	1.16	14.61	1.21	14.38	1.27	13.12	1.16								
610	8662	42120		40998		39316		36406		33981		29816		25685		17310							
		16.28	0.68	16.76	0.77	17.57	0.89	18.72	1.04	19.26	1.13	19.63	1.23	19.78	1.23	17.78	1.11						
675	9585	46855		45810		44308		41729		39581		36198		32922		27722		18423					
		21.96	0.61	22.46	0.70	23.34	0.81	24.76	0.94	25.61	1.03	26.32	1.14	26.61	1.20	26.80	1.20	23.63	1.08				
725	10295	50489		49490		48090		45731		43745		40702		37929		33484		27621		19097			
		27.13	0.57	27.66	0.65	28.57	0.75	30.15	0.88	31.23	0.96	32.27	1.08	32.74	1.15	33.09	1.19	33.04	1.17	28.78	1.06		
774	10991	54045		53084		51763		49587		47746		44931		42478		38682		33622		28746		19630	
		32.94	0.54	33.49	0.61	34.44	0.70	36.13	0.83	37.40	0.91	38.79	1.01	39.50	1.09	40.03	1.16	40.38	1.18	40.06	1.16	34.44	1.03

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

542 CLASS 1 | BELT DRIVE - AIR PERFORMANCE

50% Width

Maximum RPM: 774				Max BHP: (RPM/254) ³				Outlet Area: 14.18 Sq.Ft.				Wheel Diameter: 54.25"				Tip Speed: 14.2 X RPM				Max Motor Frame Size: 364T			
RPM	Tip Speed	0.25"SP		0.5"SP		0.75"SP		1.25"SP		1.88"SP		2.5"SP		3.25"SP		4"SP		4.88"SP		5.63"SP		6.38"SP	
		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
		BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI
170	2414	4545																					
		0.40	1.72																				
275	3905	11264		9076		6193																	
		1.26	1.46	1.30	1.53	1.29	1.35																
360	5112	16222		14482		12790		8692															
		2.36	1.21	2.53	1.32	2.67	1.37	2.80	1.26														
425	6035	19677		18291		16843		13790		8549													
		3.76	0.98	4.00	1.10	4.17	1.20	4.54	1.25	4.19	1.15												
490	6958	23067		21895		20663		18124		14644		9844											
		5.63	0.81	5.97	0.93	6.20	1.03	6.59	1.16	7.13	1.16	6.41	1.10										
550	7810	26160		25126		24055		21824		18900		15742		9728									
		7.84	0.70	8.27	0.81	8.58	0.90	9.03	1.05	9.62	1.13	10.14	1.12	8.68	1.01								
610	8662	29231		28299		27353		25370		22801		20131		16589		10759							
		10.56	0.62	11.08	0.71	11.48	0.80	12.05	0.94	12.65	1.06	13.35	1.10	13.85	1.08	11.84	0.99						
675	9585	32541		31691		30847		29091		26794		24482		21504		18262		12120					
		14.15	0.55	14.78	0.63	15.28	0.71	16.01	0.84	16.69	0.97	17.37	1.05	18.32	1.07	18.76	1.06	16.09	0.98				
725	10295	35077		34278		33496		31885		29765		27640		24974		22124		18393		13014			
		17.41	0.51	18.12	0.58	18.70	0.65	19.58	0.77	20.36	0.90	21.05	0.99	22.02	1.05	22.99	1.06	23.00	1.04	19.93	0.97		
774	10991	37557		36800		36068		34577		32612		30634		28196		25632		22423		19316		14264	
		21.06	0.48	21.86	0.54	22.51	0.61	23.53	0.72	24.46	0.84	25.19	0.94	26.13	1.01	27.23	1.04	28.24	1.04	27.86	1.03	24.41	0.97

Performance certified is for installation type B-Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. FEI calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208. Performance ratings do not include the effects of appurtenances.

060 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	64	72	63	59	53	50	41	33	62
	0.06	64	72	62	59	53	50	42	34	61
	0.13	63	71	62	58	53	50	42	35	61
	0.25	62	70	61	57	53	50	43	36	60
1750	0.00	73	78	84	73	68	63	58	50	77
	0.25	73	77	83	72	68	63	59	51	77
	0.50	73	76	82	71	68	63	59	52	76
	0.75	73	75	81	71	67	63	59	52	75
3000	0.00	83	85	91	90	84	79	74	68	90
	1.00	84	85	90	89	83	78	74	69	89
	2.00	84	84	89	88	82	78	74	69	89
	2.75	85	84	88	87	81	78	74	70	88
4400	0.00	92	92	95	104	94	90	84	81	102
	1.50	92	92	94	103	93	90	84	81	102
	3.00	92	92	93	102	93	89	84	81	101
	6.00	93	93	92	101	91	88	84	81	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	76	76	67	61	60	53	44	36	66
	0.06	76	76	66	60	60	52	44	36	65
	0.13	75	76	66	60	59	52	44	37	65
	0.25	75	76	65	58	57	50	44	38	64
1750	0.00	91	86	83	76	72	70	62	53	80
	0.25	92	85	82	75	71	68	61	53	79
	0.50	92	85	81	74	70	67	60	53	78
	0.75	92	85	80	74	69	66	59	53	77
3000	0.00	105	102	96	92	87	84	80	72	94
	1.00	106	102	96	91	85	82	78	71	94
	2.00	106	102	95	90	84	81	76	70	93
	2.75	106	102	95	89	83	79	75	69	92
4400	0.00	113	113	107	103	98	92	92	85	105
	1.50	114	114	107	102	97	91	91	84	105
	3.00	114	114	107	101	97	90	90	83	105
	6.00	114	114	107	100	96	88	88	80	104

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

070 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	82	82	63	60	53	50	41	33	68
	0.06	78	80	63	60	53	50	41	33	66
	0.13	75	78	62	59	53	50	42	34	64
	0.25	68	73	62	59	53	50	42	34	62
1750	0.00	80	90	85	74	69	63	58	50	80
	0.25	78	87	84	73	69	63	59	51	78
	0.50	76	83	83	72	69	63	59	51	77
	0.75	75	79	82	72	68	63	59	51	76
3000	0.00	85	96	100	91	85	79	74	68	94
	1.00	85	92	96	90	84	79	74	69	92
	2.00	85	88	92	89	83	79	74	69	90
	2.75	85	85	90	88	83	79	75	69	89
4400	0.00	93	93	113	105	95	92	84	81	107
	1.50	93	93	108	104	94	91	84	81	104
	3.00	93	93	103	103	93	91	84	81	102
	6.00	93	93	94	101	92	90	85	81	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	95	97	66	59	58	52	43	33	82
	0.06	94	95	65	58	57	51	42	33	80
	0.13	92	93	65	58	56	49	41	33	78
	0.25	88	90	66	57	54	48	41	33	75
1750	0.00	99	102	89	75	70	68	61	51	88
	0.25	102	99	85	75	69	66	59	50	85
	0.50	106	96	83	75	68	65	58	50	85
	0.75	111	95	84	75	67	63	57	50	87
3000	0.00	107	114	109	94	85	82	78	70	103
	1.00	115	115	105	92	84	80	76	68	102
	2.00	126	119	103	92	84	79	74	67	105
	2.75	134	121	102	93	85	78	73	67	111
4400	0.00	115	115	128	109	98	91	89	84	120
	1.50	119	119	125	103	97	89	88	82	117
	3.00	127	127	123	103	97	89	87	81	117
	6.00	143	143	118	104	99	88	84	78	128

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

080 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	78	79	64	60	53	50	42	35	65
	0.06	76	76	63	59	53	49	42	35	64
	0.13	73	73	62	59	52	49	42	34	62
	0.25	67	71	61	58	52	49	41	33	60
1750	0.00	78	87	82	74	69	63	59	51	78
	0.25	80	85	81	73	68	63	58	51	77
	0.50	74	81	81	72	68	63	58	51	76
	0.75	73	78	81	71	67	62	58	50	75
3000	0.00	83	93	97	90	85	79	74	69	92
	1.00	90	94	95	89	83	78	74	68	91
	2.00	83	86	91	88	82	78	73	68	89
	2.75	80	83	90	87	82	78	73	68	88
4400	0.00	92	92	110	102	95	92	84	81	104
	1.50	97	97	106	102	94	91	84	81	102
	3.00	102	102	103	101	93	90	83	81	101
	6.00	88	88	94	101	91	89	83	81	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	94	96	66	60	58	53	43	33	81
	0.06	96	97	66	59	57	51	42	33	82
	0.13	91	93	65	58	56	50	41	33	78
	0.25	82	83	63	56	53	47	39	32	68
1750	0.00	99	100	85	76	71	68	61	52	86
	0.25	106	101	83	75	69	66	60	51	87
	0.50	104	96	82	73	68	64	58	50	83
	0.75	100	88	80	72	66	62	55	48	79
3000	0.00	107	114	107	93	86	82	78	71	102
	1.00	114	115	104	91	84	80	76	69	102
	2.00	116	111	99	89	82	78	73	66	98
	2.75	115	105	93	88	80	76	71	64	94
4400	0.00	116	116	127	105	98	91	90	84	119
	1.50	124	124	129	103	97	90	88	83	121
	3.00	125	125	123	102	96	88	86	80	116
	6.00	123	123	104	100	93	85	83	76	109

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

105 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	56	61	60	57	56	52	44	36	60
	0.06	56	62	60	57	55	51	44	36	60
	0.13	55	62	59	56	54	51	43	36	59
	0.25	54	63	58	55	53	50	43	36	58
1750	0.00	66	68	73	70	68	66	61	53	73
	0.25	65	69	74	70	67	65	60	53	73
	0.50	65	68	74	69	66	64	59	52	72
	1.00	65	69	74	68	64	62	57	51	71
3000	0.00	78	78	82	83	81	79	77	71	87
	1.00	77	77	82	83	80	78	76	70	86
	2.00	76	76	82	83	80	77	74	69	85
	3.25	77	78	83	83	78	75	72	67	84
4400	0.00	86	86	86	93	91	89	87	84	96
	2.00	84	84	86	94	91	88	86	82	96
	4.00	84	84	85	94	90	87	85	81	95
	6.75	85	85	88	94	89	85	83	79	95

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	64	64	65	58	57	53	43	33	62
	0.06	63	63	65	57	56	51	42	34	61
	0.13	63	63	63	56	55	50	41	33	60
	0.25	62	62	61	54	52	47	40	33	58
1750	0.00	83	74	75	74	69	67	62	52	75
	0.25	82	74	74	74	68	65	59	51	74
	0.50	82	73	72	71	66	63	58	50	73
	1.00	85	74	71	67	63	60	55	48	70
3000	0.00	99	92	86	88	84	80	78	71	90
	1.00	99	92	85	86	82	78	75	69	88
	2.00	98	91	84	84	81	76	73	66	86
	3.25	103	95	86	79	77	74	71	65	85
4400	0.00	108	108	95	94	96	89	88	85	100
	2.00	106	106	94	93	96	88	86	81	99
	4.00	107	107	94	91	93	86	84	79	97
	6.75	111	111	97	92	87	84	82	77	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

122 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	69	69	64	60	60	59	54	48	65
	0.25	68	68	63	59	59	60	56	53	66
	0.38	68	68	63	58	59	60	58	56	66
	0.50	67	67	61	58	58	55	51	47	63
2000	0.00	83	83	83	78	74	74	72	67	82
	0.75	82	82	83	77	73	74	73	70	82
	1.50	82	81	82	75	72	72	69	65	80
	2.25	82	81	82	74	71	71	67	64	79
2500	0.00	87	87	88	84	79	79	78	74	87
	1.00	87	87	89	84	78	78	80	77	87
	2.00	87	86	88	83	78	78	79	77	87
	3.50	88	85	87	80	76	77	74	70	84
3550	0.00	95	95	95	94	89	86	86	84	96
	2.00	95	95	95	94	89	86	87	86	96
	4.00	95	94	95	93	88	85	86	86	95
	7.50	96	94	93	91	85	84	82	78	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	68	68	64	61	61	57	47	37	65
	0.25	66	66	63	59	58	53	45	36	62
	0.38	65	65	62	58	56	51	43	36	61
	0.50	68	69	61	56	55	51	44	37	60
2000	0.00	95	83	83	78	75	75	70	60	82
	0.75	93	80	81	77	74	72	67	58	80
	1.50	94	82	80	75	71	69	65	58	78
	2.25	94	83	79	73	68	67	63	57	77
2500	0.00	104	88	88	84	80	80	78	68	88
	1.00	101	86	86	84	80	79	75	66	87
	2.00	100	85	84	82	78	76	72	64	85
	3.50	102	90	84	80	74	73	70	64	83
3550	0.00	111	105	95	94	90	88	87	81	97
	2.00	109	102	93	93	90	87	85	78	96
	4.00	108	101	91	91	88	85	82	76	94
	7.50	110	105	95	89	84	80	79	75	94

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	69	76	67	65	64	60	51	42	69
	0.25	70	75	66	64	63	59	51	42	68
	0.38	72	75	66	64	63	59	51	42	68
	0.50	73	75	66	64	63	59	51	43	68
2000	0.00	79	83	92	80	79	78	73	65	87
	0.75	83	84	90	79	78	77	73	65	86
	1.50	86	86	89	79	78	77	73	64	85
	2.25	88	88	89	79	78	77	73	65	85
2500	0.00	83	86	93	90	83	83	80	73	91
	1.00	87	88	92	89	83	83	79	72	91
	2.00	90	90	93	88	82	83	79	72	91
	3.50	93	93	93	88	82	83	79	72	91
3550	0.00	91	91	97	104	90	92	90	85	103
	2.00	94	94	97	103	89	91	89	85	102
	4.00	97	97	98	102	89	91	89	84	101
	7.20	101	101	100	101	89	91	89	84	101

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	73	70	64	60	61	57	49	39	65
	0.25	71	69	62	57	58	54	46	37	62
	0.38	71	68	60	56	56	54	46	36	61
	0.50	71	69	60	55	55	53	46	36	61
2000	0.00	99	86	85	77	74	75	71	62	83
	0.75	98	84	84	75	72	72	68	60	81
	1.50	98	83	83	73	69	70	67	59	80
	2.25	101	84	84	72	68	68	66	59	80
2500	0.00	104	96	89	85	79	79	78	70	89
	1.00	103	95	88	84	77	77	75	68	87
	2.00	103	94	87	83	75	75	74	67	86
	3.50	106	96	87	81	73	73	72	67	86
3550	0.00	112	112	96	97	88	86	88	82	100
	2.00	111	111	94	97	86	84	86	80	99
	4.00	111	111	93	96	84	82	83	79	98
	7.20	114	114	93	96	82	80	81	79	100

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

122 CLASS 2 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
3600	0.50	95	95	96	94	90	87	87	85	96
	2.00	95	95	96	94	89	86	87	87	96
	4.00	95	95	95	94	88	85	86	86	96
	7.00	96	95	94	92	86	84	84	80	94
3900	0.50	97	97	97	97	92	88	88	87	98
	2.00	97	97	97	97	91	88	89	88	98
	4.00	97	97	97	96	91	87	88	88	98
	7.00	97	97	96	95	89	86	86	83	96
4200	0.50	99	99	99	99	94	90	90	89	100
	2.00	98	98	99	99	94	90	90	90	100
	5.00	98	98	98	98	93	89	89	90	100
	9.00	99	99	97	97	91	88	88	85	98
4650	0.50	101	101	101	102	97	92	92	92	103
	4.00	101	101	100	101	96	91	92	92	103
	9.00	101	101	99	100	94	90	91	88	101
	12.50	101	101	99	100	93	89	90	86	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
3600	0.50	111	105	95	94	90	88	86	81	97
	2.00	109	103	94	93	90	87	85	79	96
	4.00	108	102	92	91	88	85	82	76	95
	7.00	110	104	94	90	85	81	80	75	94
3900	0.50	113	108	97	96	92	90	89	84	100
	2.00	112	107	95	95	92	89	88	82	99
	4.00	110	106	94	94	91	87	85	80	97
	7.00	111	107	96	93	89	84	83	78	97
4200	0.50	115	112	98	98	94	91	91	86	102
	2.00	113	111	97	98	94	91	90	85	101
	5.00	112	109	95	95	93	89	87	82	99
	9.00	113	110	98	94	90	85	84	80	99
4650	0.50	117	117	100	101	97	94	93	90	105
	4.00	115	115	99	99	96	92	91	87	104
	9.00	115	115	101	98	94	89	88	85	103
	12.50	116	115	102	97	93	86	86	83	103

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
3600	0.50	92	92	97	104	90	92	90	85	103
	2.00	95	95	97	103	90	92	90	85	102
	4.00	98	98	99	102	90	92	90	85	101
	7.00	101	101	100	102	90	92	89	85	101
3900	0.50	94	94	98	105	94	93	92	88	104
	2.00	96	96	99	104	93	93	92	87	103
	4.00	98	98	100	104	93	93	92	87	103
	7.00	101	101	102	104	93	93	91	87	103
4200	0.50	95	95	99	106	97	95	94	90	105
	3.00	98	98	100	105	96	94	93	89	105
	6.00	102	102	102	105	96	94	93	89	104
	9.00	103	103	104	105	96	94	93	89	105
4950	0.50	98	98	101	108	104	98	98	95	109
	4.00	102	102	103	107	103	97	98	94	108
	8.00	105	105	105	107	103	97	97	94	108
	12.50	107	107	107	108	102	97	97	94	109

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
3600	0.50	112	112	96	97	88	86	88	82	100
	2.00	111	111	95	97	87	84	86	81	99
	4.00	111	111	94	96	85	82	83	80	99
	7.00	113	113	94	96	83	80	81	79	100
3900	0.50	114	114	100	99	91	88	89	85	102
	2.00	113	113	99	99	90	87	88	83	101
	4.00	113	113	98	98	89	85	86	82	101
	7.00	114	114	98	98	87	83	84	81	101
4200	0.50	115	115	103	100	94	89	91	87	104
	3.00	115	115	102	100	92	88	89	85	103
	6.00	114	114	101	99	91	86	86	84	102
	9.00	116	116	101	99	89	84	85	83	103
4950	0.50	119	119	111	103	100	94	94	92	108
	4.00	118	118	110	102	99	92	92	90	107
	8.00	118	118	109	101	97	90	90	88	107
	12.50	120	120	110	101	96	88	88	87	107

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	72	72	67	63	63	62	56	51	68
	0.25	71	71	66	62	62	59	55	55	68
	0.50	70	70	64	61	61	59	55	50	66
	0.75	70	70	63	60	60	57	53	49	65
1750	0.00	83	83	84	77	74	74	71	66	81
	0.75	82	83	83	76	73	74	73	69	81
	1.50	82	82	82	74	72	72	68	64	79
	2.00	82	81	82	73	72	71	67	64	79
2500	0.00	90	90	91	87	82	82	81	77	90
	1.50	90	90	91	86	81	81	82	79	90
	3.00	91	89	90	84	80	80	78	74	88
	4.25	91	88	90	83	79	80	77	73	87
3222	0.00	96	96	96	94	89	87	87	84	96
	2.00	95	95	96	94	89	87	88	87	97
	4.00	96	95	96	93	88	86	87	87	96
	7.50	96	95	94	91	86	85	83	79	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	71	71	67	64	64	60	50	40	68
	0.25	69	69	66	63	61	56	48	40	66
	0.50	71	71	64	60	59	55	47	40	64
	0.75	72	73	63	57	56	53	47	41	63
1750	0.00	92	83	83	77	75	74	68	59	81
	0.75	89	80	81	76	73	71	65	57	79
	1.50	91	81	80	74	70	69	64	57	77
	2.00	91	81	79	72	69	67	62	56	76
2500	0.00	107	91	91	87	83	83	81	71	91
	1.50	105	89	89	86	82	81	77	69	89
	3.00	105	91	88	84	79	78	75	68	87
	4.25	105	93	87	83	77	76	73	67	86
3222	0.00	112	103	96	94	90	89	87	80	97
	2.00	110	101	94	93	90	88	85	78	96
	4.00	109	99	92	92	88	85	82	76	94
	7.50	111	104	95	90	84	81	79	75	94

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	72	79	70	68	67	63	54	45	71
	0.25	73	78	69	67	66	62	54	45	71
	0.50	75	77	69	67	66	62	54	45	71
	0.75	77	78	69	67	66	62	54	46	71
1750	0.00	79	85	92	77	79	78	72	63	86
	0.75	83	85	90	77	79	77	72	63	85
	1.50	85	87	90	77	79	77	72	63	85
	2.00	88	88	89	76	79	77	72	63	85
2500	0.00	86	89	96	93	86	86	83	76	94
	1.50	91	92	95	91	85	86	82	75	94
	3.00	94	94	95	91	85	85	82	75	93
	4.25	96	96	96	91	85	85	82	75	94
3222	0.00	92	92	99	104	91	92	90	85	102
	2.00	95	96	99	102	90	92	90	84	101
	4.00	98	98	100	101	90	92	89	84	101
	7.20	102	101	101	101	90	92	89	84	101

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	76	73	67	63	64	60	52	42	68
	0.25	74	72	65	61	61	58	50	41	66
	0.50	73	71	63	58	58	56	48	39	64
	0.75	75	72	62	57	57	56	48	39	63
1750	0.00	99	83	85	75	73	76	70	60	82
	0.75	98	81	84	73	71	73	67	58	81
	1.50	100	81	84	71	69	70	67	58	80
	2.00	101	80	84	69	68	69	66	57	80
2500	0.00	107	99	92	88	82	82	81	73	92
	1.50	106	98	90	87	80	80	78	71	90
	3.00	106	97	89	85	77	77	76	69	88
	4.25	109	99	90	84	76	76	75	69	89
3222	0.00	113	111	96	97	88	87	88	82	100
	2.00	112	110	95	96	87	85	86	80	99
	4.00	112	110	94	95	85	83	83	79	98
	7.20	114	112	94	95	82	81	81	78	99

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
3300	0.50	96	96	97	95	90	88	88	85	97
	1.50	96	96	97	95	90	87	88	87	97
	4.00	96	96	96	94	89	87	88	87	96
	7.00	97	96	95	92	87	86	84	81	94
3600	0.50	98	98	99	97	92	90	90	88	99
	2.00	98	98	99	97	92	89	90	89	99
	5.00	98	98	98	97	91	88	89	89	99
	9.00	99	98	97	95	89	87	86	82	96
3900	0.50	100	100	100	100	95	91	91	90	101
	3.00	100	100	100	100	94	91	92	92	101
	7.00	100	100	99	98	92	90	89	87	100
	10.50	101	100	98	97	91	89	88	85	99
4225	0.50	102	102	102	102	97	93	93	92	103
	3.00	101	101	102	102	97	93	93	94	103
	7.00	101	101	101	101	96	92	92	93	103
	12.50	102	102	100	100	93	90	90	87	101

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
3300	0.50	112	104	96	94	91	89	87	81	98
	1.50	111	102	95	94	91	89	86	79	97
	4.00	109	101	93	92	89	86	83	77	95
	7.00	111	104	95	91	86	82	80	75	94
3600	0.50	114	108	98	97	93	91	89	84	100
	2.00	113	106	97	96	93	90	88	82	100
	5.00	111	105	95	94	91	88	85	79	97
	9.00	113	108	98	93	88	84	82	78	97
3900	0.50	116	111	100	99	95	93	92	87	103
	3.00	114	109	98	98	95	92	90	84	102
	7.00	115	111	99	96	92	88	87	82	100
	10.50	115	111	100	95	90	85	84	80	100
4225	0.50	118	115	101	101	97	94	94	90	105
	3.00	116	113	100	101	97	94	93	88	104
	7.00	114	112	98	98	96	92	90	84	102
	12.50	117	114	103	97	93	87	86	83	102

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
3300	0.50	93	93	99	104	91	93	91	85	103
	2.00	96	96	99	103	91	93	90	85	102
	4.00	98	99	100	103	90	93	90	85	102
	7.00	101	101	102	102	90	92	90	85	102
3600	0.50	95	95	100	107	93	95	93	88	106
	3.00	98	98	100	106	93	94	93	88	105
	6.00	102	102	102	105	92	95	92	88	104
	9.00	104	104	104	105	93	94	92	88	104
4000	0.50	97	97	101	109	98	97	96	91	107
	3.00	100	100	102	108	97	96	95	91	107
	6.00	103	103	104	107	97	96	95	91	106
	10.50	106	106	106	107	97	96	95	91	107
4540	0.50	100	100	103	110	103	99	99	95	110
	4.00	103	103	104	109	103	99	98	95	109
	8.00	106	106	106	109	102	99	98	94	109
	12.50	108	108	108	109	102	99	98	94	110

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
3300	0.50	113	112	96	98	89	87	88	82	100
	2.00	112	111	95	97	87	85	87	81	100
	4.00	112	111	94	96	85	83	84	80	99
	7.00	114	113	94	96	83	82	82	79	100
3600	0.50	115	115	99	100	91	89	91	85	103
	3.00	114	114	97	100	89	87	88	83	102
	6.00	114	114	96	99	87	84	85	82	101
	9.00	117	117	97	99	85	83	84	82	103
4000	0.50	117	117	104	102	95	91	93	89	106
	3.00	117	117	103	102	94	90	91	87	105
	6.00	116	116	102	101	92	88	88	86	104
	10.50	119	119	102	101	90	86	86	84	105
4540	0.50	120	120	110	105	100	94	95	93	109
	4.00	119	119	108	104	98	93	93	90	108
	8.00	119	119	108	103	97	91	91	89	107
	12.50	121	121	108	103	96	89	89	88	108

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

150 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	75	75	70	66	66	65	60	55	71
	0.25	75	75	70	65	66	67	64	61	73
	0.50	74	74	69	65	65	66	64	61	72
	0.75	73	73	67	64	64	61	57	53	69
1750	0.00	86	86	87	80	77	77	75	69	85
	0.75	85	86	87	79	77	78	77	75	85
	1.50	85	86	86	79	76	77	77	74	85
	2.50	85	84	85	77	75	74	71	67	82
2400	0.00	93	92	94	89	84	84	84	79	92
	1.75	92	92	93	88	83	83	84	81	92
	3.50	93	91	92	86	82	83	80	76	90
	5.00	93	90	92	85	81	82	78	74	89
2900	0.00	97	97	97	94	90	88	88	84	97
	2.50	97	96	97	94	89	87	88	86	97
	5.00	97	96	96	92	87	87	85	82	95
	7.50	97	95	95	91	86	86	83	79	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	75	74	70	67	67	63	53	44	71
	0.25	73	73	70	67	66	60	51	43	70
	0.50	71	71	69	65	63	58	50	42	68
	0.75	74	75	67	62	61	57	50	43	66
1750	0.00	95	86	86	80	78	77	72	62	85
	0.75	92	84	85	80	78	75	69	60	83
	1.50	91	82	83	79	75	72	66	59	81
	2.50	94	85	82	75	72	70	65	59	79
2400	0.00	109	93	93	89	85	85	83	73	93
	1.75	107	90	91	88	84	83	79	71	91
	3.50	107	93	90	86	81	80	77	70	89
	5.00	108	95	89	85	78	78	75	69	88
2900	0.00	113	101	97	94	90	89	88	80	98
	2.50	111	99	95	93	89	87	84	77	96
	5.00	111	101	95	91	86	84	82	76	95
	7.50	112	103	95	90	84	82	80	75	94

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	75	82	73	71	70	66	58	48	75
	0.25	76	81	73	70	70	66	57	48	74
	0.50	78	81	72	70	69	65	57	48	74
	0.75	79	81	72	70	69	65	58	49	74
1750	0.00	82	88	95	80	82	81	76	66	90
	0.75	85	88	94	80	82	80	75	66	89
	1.50	88	89	93	79	82	80	75	66	88
	2.50	91	91	92	80	82	80	75	66	88
2400	0.00	89	92	99	94	88	88	85	77	96
	1.75	93	94	98	93	88	88	84	77	96
	3.50	96	96	99	93	88	88	84	77	96
	5.00	98	98	99	92	88	88	84	77	96
2900	0.00	93	94	101	102	92	93	90	84	102
	2.50	97	98	100	101	91	93	90	84	101
	5.00	101	101	101	100	91	92	89	83	101
	7.20	102	102	102	100	91	92	89	84	101

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1050	0.00	79	77	70	66	67	64	55	45	71
	0.25	78	76	69	64	65	61	53	44	69
	0.50	77	75	67	62	63	60	52	43	68
	0.75	77	75	66	61	61	59	52	43	67
1750	0.00	102	86	88	79	76	79	73	63	86
	0.75	102	84	88	77	75	76	71	62	84
	1.50	102	83	87	75	72	74	70	61	83
	2.50	104	84	87	73	71	72	69	60	83
2400	0.00	109	100	94	90	84	85	83	75	94
	1.75	108	99	93	88	82	82	80	72	92
	3.50	110	100	92	87	80	80	78	72	91
	5.00	111	100	92	86	78	78	77	71	91
2900	0.00	113	109	98	97	89	88	88	81	99
	2.50	113	108	96	96	87	86	85	79	98
	5.00	112	107	95	94	84	83	83	78	97
	7.20	115	110	96	94	83	82	82	78	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

150 CLASS 2 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
3000	0.50	97	97	98	95	90	89	89	86	98
	2.00	97	97	98	95	90	88	90	88	98
	4.00	97	97	98	95	89	88	89	88	97
	7.00	98	96	96	92	88	87	85	82	95
3100	0.50	98	98	99	96	91	90	90	87	99
	2.00	98	98	99	96	91	89	90	89	99
	4.00	98	98	98	96	90	89	90	88	98
	7.00	99	97	97	94	89	88	86	83	96
3450	0.50	101	100	101	99	94	92	92	90	101
	2.00	100	100	101	99	94	92	92	91	101
	5.00	100	100	100	99	93	91	92	91	101
	9.00	101	100	99	97	91	90	89	85	99
3880	0.50	103	103	103	103	98	94	94	93	104
	3.00	103	103	103	103	97	94	95	95	104
	7.00	103	103	103	102	97	93	94	94	104
	12.50	104	103	101	100	94	92	92	88	102

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
3000	0.50	113	102	97	95	91	90	88	81	98
	2.00	112	101	96	95	91	89	86	79	98
	4.00	111	100	94	93	89	87	84	77	96
	7.00	112	103	95	91	86	84	81	76	95
3100	0.50	114	104	98	96	92	91	89	82	99
	2.00	113	102	97	96	92	90	87	80	99
	4.00	111	101	95	94	90	88	85	78	97
	7.00	113	104	96	93	88	85	82	77	96
3450	0.50	117	109	100	99	95	93	92	86	102
	2.00	115	108	99	98	95	93	91	84	102
	5.00	114	106	97	97	93	90	88	82	100
	9.00	115	108	99	95	91	87	85	80	99
3880	0.50	119	114	103	102	98	96	95	90	106
	3.00	118	113	102	102	98	95	94	88	105
	7.00	116	111	100	99	97	93	91	85	103
	12.50	118	114	103	98	94	89	87	84	103

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
3000	0.50	94	95	101	104	92	94	91	85	103
	2.00	97	97	101	103	92	93	91	85	102
	4.00	99	100	102	102	92	93	91	85	102
	7.00	102	102	103	101	92	93	90	85	102
3200	0.50	95	96	102	106	94	95	93	87	105
	2.00	98	98	102	105	93	95	93	87	105
	4.00	100	100	103	105	93	95	93	87	104
	7.00	103	103	104	104	93	95	92	87	104
3500	0.50	97	97	103	110	95	97	96	91	109
	3.00	100	100	103	109	95	97	95	90	108
	6.00	103	103	104	108	95	97	95	90	107
	10.50	107	107	106	107	95	97	95	90	107
4050	0.50	100	100	105	112	102	100	99	95	111
	4.00	104	104	106	111	101	100	99	95	110
	8.00	107	107	107	110	101	100	99	94	110
	12.50	109	109	109	110	101	100	99	94	110

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
3000	0.50	114	110	98	98	89	88	89	82	100
	2.00	114	110	97	97	88	87	87	81	99
	4.00	113	109	96	96	86	85	85	80	98
	7.00	115	111	96	95	84	83	83	79	99
3200	0.50	115	113	99	100	91	89	91	85	102
	2.00	115	113	98	100	90	88	89	83	102
	4.00	115	113	97	99	88	87	87	82	101
	7.00	116	114	97	98	86	85	85	82	101
3500	0.50	117	117	101	103	93	91	94	88	106
	3.00	117	117	99	103	92	90	91	86	105
	6.00	117	117	98	102	90	88	89	85	104
	10.50	119	119	99	102	87	86	87	84	106
4050	0.50	121	121	108	106	99	95	96	92	109
	4.00	120	120	106	105	97	93	94	90	108
	8.00	120	120	105	104	95	91	92	89	107
	12.50	121	121	106	104	94	90	90	88	108

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
800	0.00	72	71	65	63	63	60	55	49	67
	0.25	72	71	64	62	63	62	58	55	68
	0.38	72	71	64	62	63	62	60	58	69
	0.50	71	70	63	61	60	57	53	49	65
1200	0.00	80	81	81	72	72	72	66	61	79
	0.50	80	81	81	71	71	72	69	65	79
	1.00	79	80	80	70	71	68	64	60	77
	1.50	78	80	80	69	70	66	62	59	76
1750	0.00	89	89	90	83	80	80	77	72	87
	0.75	88	89	90	82	80	80	80	77	88
	1.50	88	89	89	82	79	80	79	76	87
	2.50	88	88	88	80	78	77	74	70	85
2636	0.00	98	97	98	95	90	89	89	84	98
	2.50	97	97	98	94	89	88	89	86	97
	5.00	98	96	97	92	88	88	86	82	95
	7.50	98	96	96	90	86	87	83	79	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
800	0.00	72	71	66	64	63	56	47	37	67
	0.25	69	69	64	62	59	53	45	36	64
	0.38	68	68	64	61	58	51	44	36	63
	0.50	70	72	62	59	57	51	45	38	62
1200	0.00	80	81	81	73	73	71	61	51	78
	0.50	78	79	79	72	71	67	59	50	76
	1.00	80	78	78	69	68	65	58	51	74
	1.50	82	77	77	66	65	63	57	51	72
1750	0.00	98	89	89	83	81	80	74	65	88
	0.75	96	87	88	83	81	79	72	63	87
	1.50	95	86	86	82	79	76	70	62	85
	2.50	97	87	86	79	76	74	69	62	83
2636	0.00	114	100	98	94	91	90	88	79	98
	2.50	112	98	96	93	89	88	84	77	96
	5.00	112	100	95	92	86	85	82	76	95
	7.50	113	102	95	90	84	82	80	75	94

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
800	0.00	75	79	66	68	66	60	51	42	71
	0.25	75	78	66	68	65	60	51	42	70
	0.38	76	77	66	68	65	60	51	42	70
	0.50	77	78	66	68	65	60	51	42	70
1200	0.00	80	87	90	76	76	73	65	56	84
	0.50	82	86	88	76	76	72	65	56	83
	1.00	84	86	87	76	76	72	65	56	82
	1.38	86	86	87	76	76	72	65	56	82
1750	0.00	85	91	98	83	85	84	78	69	93
	1.00	89	91	97	83	85	83	78	69	92
	2.00	92	92	96	82	85	83	78	69	91
	3.00	94	94	95	83	85	83	78	69	91
2636	0.00	94	96	103	101	93	93	90	84	102
	2.50	98	99	102	100	93	93	90	83	101
	5.00	102	101	102	99	92	93	90	83	101
	7.20	103	103	103	99	92	93	90	83	101

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
800	0.00	72	73	64	63	64	58	48	38	67
	0.25	70	72	62	60	61	55	46	37	65
	0.38	70	71	60	59	59	55	45	36	63
	0.50	70	71	59	58	58	55	45	36	63
1200	0.00	88	82	83	72	72	70	63	53	79
	0.50	87	81	82	70	70	68	60	51	77
	1.00	86	80	81	68	67	66	59	50	76
	1.38	87	80	81	66	66	65	59	50	76
1750	0.00	105	89	91	82	79	82	76	66	88
	1.00	105	87	91	80	77	79	74	64	87
	2.00	104	86	89	77	75	76	73	63	85
	3.00	107	86	90	75	74	75	72	63	86
2636	0.00	114	108	99	96	89	89	88	81	99
	2.50	113	106	97	95	87	87	85	79	98
	5.00	113	106	96	93	85	84	83	77	96
	7.20	116	108	97	93	83	83	82	77	97

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2700	0.50	98	98	99	95	90	89	89	86	98
	2.00	98	98	99	95	90	89	90	88	98
	4.00	98	97	98	94	89	88	90	88	98
	7.00	99	97	97	92	88	88	85	82	95
2900	0.50	100	99	100	97	92	91	91	88	100
	2.00	99	99	101	97	92	91	92	90	100
	4.00	99	99	100	96	91	90	91	89	99
	7.00	100	99	99	95	90	89	88	84	98
3200	0.50	102	102	102	100	95	93	93	90	102
	4.00	102	101	102	100	94	92	93	92	102
	7.00	102	101	101	98	93	92	91	87	100
	10.50	102	101	100	97	92	91	89	85	99
3790	0.50	105	105	106	105	100	97	97	95	107
	3.00	105	105	106	105	100	96	97	97	107
	7.00	105	105	105	104	99	96	96	96	106
	12.50	106	105	104	103	97	95	94	91	104

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2700	0.50	114	100	98	95	91	91	88	80	99
	2.00	112	99	97	95	91	90	86	78	98
	4.00	111	98	95	93	89	87	83	76	96
	7.00	113	101	95	91	86	84	81	75	95
2900	0.50	116	104	100	97	93	92	90	82	100
	2.00	114	102	99	97	93	92	88	81	100
	4.00	113	101	97	95	92	89	86	79	98
	7.00	114	104	97	94	89	87	84	78	97
3200	0.50	118	108	102	100	96	94	93	86	103
	4.00	116	106	100	98	95	92	90	83	101
	7.00	117	108	100	97	92	90	88	82	100
	10.50	117	109	100	96	90	87	85	81	100
3790	0.50	122	116	105	104	100	98	97	92	108
	3.00	120	115	104	104	100	98	96	90	107
	7.00	119	114	102	102	99	96	93	88	105
	12.50	120	115	104	101	97	92	91	86	105

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2700	0.50	95	97	103	102	93	94	91	84	102
	2.00	97	98	103	101	93	94	91	84	102
	4.00	100	101	103	100	93	94	90	84	102
	7.00	103	103	104	100	93	94	90	84	102
3000	0.50	97	98	104	106	95	97	94	88	106
	3.00	100	101	104	105	95	96	94	88	105
	6.00	104	104	105	104	95	96	93	88	105
	9.00	106	106	106	104	95	96	93	88	105
3300	0.50	99	99	105	111	97	99	97	91	109
	3.00	102	102	105	109	97	99	96	91	108
	6.00	105	105	106	109	96	99	96	91	108
	10.50	108	108	108	108	97	99	96	91	108
3790	0.50	102	102	107	114	102	102	101	96	113
	4.00	105	105	107	113	101	102	100	96	112
	8.00	108	108	109	112	101	102	100	95	112
	12.50	110	110	110	112	101	102	100	95	112

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2700	0.50	115	108	99	97	90	89	88	81	100
	2.00	114	108	98	96	88	88	87	80	99
	4.00	114	107	97	95	86	86	85	79	98
	7.00	116	109	97	94	84	84	83	78	98
3000	0.50	117	113	101	101	92	91	92	85	103
	3.00	116	113	100	100	91	89	89	83	102
	6.00	116	112	98	98	88	87	87	82	101
	9.00	119	114	99	98	87	86	86	82	102
3300	0.50	119	118	103	104	95	93	95	89	106
	3.00	118	117	101	103	93	92	93	87	106
	6.00	118	117	100	103	91	90	90	86	105
	10.50	120	119	100	102	89	88	88	85	106
3790	0.50	122	122	107	108	99	96	98	93	110
	4.00	121	121	106	107	98	95	96	91	110
	8.00	121	121	105	106	96	93	94	90	109
	12.50	123	123	105	106	94	91	92	89	110

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

182 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
750	0.00	70	70	67	64	62	55	47	39	66
	0.13	69	70	67	63	61	55	46	38	66
	0.25	69	70	66	62	59	53	45	36	64
	0.50	70	69	64	60	57	53	45	37	63
1050	0.00	77	77	76	73	70	68	58	50	75
	0.63	76	77	75	70	66	64	55	47	73
	1.00	78	76	73	69	65	63	56	48	72
	1.38	78	76	72	67	63	62	55	47	70
1750	0.00	88	88	88	86	83	80	76	67	89
	1.25	87	87	88	86	82	79	74	66	88
	2.50	89	88	87	83	79	76	73	65	86
	4.00	90	89	86	81	77	74	71	64	84
2300	0.00	94	94	94	94	90	87	86	76	96
	2.00	93	93	94	93	89	86	83	75	95
	4.00	92	92	94	92	87	82	80	73	93
	7.00	96	96	93	89	84	80	79	73	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
750	0.00	78	74	71	67	66	59	50	43	70
	0.13	78	74	70	66	64	58	49	42	69
	0.25	76	73	69	64	61	55	47	39	67
	0.50	78	71	68	64	63	57	48	42	67
1050	0.00	91	81	82	74	74	72	61	54	79
	0.63	88	79	80	72	69	65	57	49	76
	1.00	94	78	78	73	70	71	59	52	77
	1.38	96	76	77	72	68	70	58	52	77
1750	0.00	103	99	93	91	85	85	80	70	93
	1.25	101	97	92	89	83	81	76	67	91
	2.50	106	101	90	88	83	82	79	68	91
	4.00	109	102	88	86	82	80	78	67	91
2300	0.00	109	109	99	99	92	91	90	79	101
	2.00	107	107	97	99	91	90	86	77	100
	4.00	105	105	95	97	89	85	80	74	97
	7.00	115	115	94	94	89	85	88	76	101

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
750	0.00	69	69	67	63	61	55	46	38	66
	0.13	69	69	66	62	59	53	45	36	64
	0.25	69	69	65	61	59	53	45	37	64
	0.50	69	68	63	59	56	52	44	36	62
1050	0.00	76	77	76	72	69	67	57	49	75
	0.38	76	76	74	70	67	65	56	49	73
	0.75	77	76	73	69	66	64	56	48	72
	1.00	77	76	72	68	64	63	55	47	71
1750	0.00	87	87	87	86	83	80	76	66	88
	1.25	88	87	87	84	80	77	74	65	86
	2.50	88	88	86	82	78	76	72	64	85
	3.75	89	88	85	81	76	73	70	64	83
2300	0.00	93	93	94	93	90	87	85	75	95
	2.00	94	94	93	91	88	84	83	74	94
	4.00	94	94	93	90	86	82	81	74	92
	7.00	95	95	92	88	83	79	78	72	90

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
750	0.00	78	74	70	66	65	58	49	42	69
	0.13	77	73	69	65	63	56	48	40	68
	0.25	75	72	68	63	60	54	46	38	66
	0.50	78	70	67	63	63	57	48	41	67
1050	0.00	90	81	81	74	73	71	60	53	79
	0.38	88	79	80	72	70	67	58	50	76
	0.75	87	77	79	70	67	62	55	47	74
	1.00	94	77	77	72	69	70	58	52	77
1750	0.00	102	99	93	90	85	84	79	69	92
	1.25	100	97	91	89	82	80	75	66	90
	2.50	106	100	89	87	82	81	78	68	91
	3.75	108	101	88	86	81	79	77	67	90
2300	0.00	108	108	98	99	91	90	89	78	100
	2.00	106	106	96	97	89	87	84	75	98
	4.00	111	111	96	95	90	87	88	77	100
	7.00	115	115	94	93	89	84	88	76	101

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
750	0.00	67	68	65	62	60	53	44	37	64
	0.25	67	67	63	59	57	51	43	35	62
	0.50	68	67	61	57	54	50	42	35	60
	0.75	68	66	59	54	52	48	42	34	58
1050	0.00	74	75	74	71	68	66	56	48	73
	0.38	75	75	72	68	65	63	55	47	71
	0.75	76	74	71	67	64	62	54	46	70
	1.25	76	74	69	64	61	59	53	45	68
1750	0.00	86	86	86	84	81	78	74	65	87
	1.25	86	86	85	82	78	75	72	63	84
	2.50	87	86	84	81	76	74	70	63	83
	3.50	88	87	83	79	74	72	69	62	82
2300	0.00	91	91	92	91	88	85	83	74	94
	2.00	92	92	92	90	86	82	81	73	92
	4.00	93	93	91	88	84	80	79	72	90
	6.38	94	94	91	87	82	78	76	71	89

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
750	0.00	76	72	68	65	64	57	48	41	68
	0.25	73	70	66	61	58	51	44	36	64
	0.50	76	68	66	61	61	55	46	40	65
	0.75	77	66	65	60	61	56	47	41	65
1050	0.00	89	79	79	72	72	70	58	51	77
	0.38	86	77	78	70	68	64	56	48	74
	0.75	92	76	76	71	68	69	57	50	75
	1.25	94	74	74	70	66	68	56	50	74
1750	0.00	100	97	91	89	83	82	78	68	91
	1.25	98	95	90	87	80	77	72	64	88
	2.50	105	99	87	85	81	79	76	66	89
	3.50	106	99	86	84	80	78	76	65	89
2300	0.00	106	106	97	97	90	89	88	77	99
	2.00	104	104	94	95	88	85	82	73	96
	4.00	110	110	94	93	88	85	86	75	98
	6.38	113	113	92	91	87	83	86	74	99

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2400	0.50	94	94	95	94	91	88	87	77	97
	1.50	94	94	95	94	91	88	85	77	96
	4.00	93	93	95	93	89	84	81	74	94
	7.00	96	96	94	91	86	82	80	75	93
2700	0.50	97	97	97	97	95	91	89	82	100
	3.00	96	96	97	97	94	90	87	80	99
	5.00	96	96	97	96	92	87	84	78	98
	9.00	99	99	97	94	89	85	83	78	96
2950	0.50	99	99	99	99	97	94	91	85	102
	3.00	99	99	99	99	96	93	90	84	101
	5.00	98	98	99	99	95	90	88	82	100
	9.00	101	101	99	97	93	89	86	82	99
3150	0.50	100	100	101	101	99	95	93	87	104
	4.00	100	100	100	101	98	94	91	86	103
	9.00	102	102	101	99	95	91	89	84	101
	12.50	102	102	101	98	93	89	87	83	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2400	0.50	109	109	100	100	93	92	90	80	102
	1.50	109	109	99	100	93	91	88	79	101
	4.00	106	106	97	98	90	87	82	76	98
	7.00	115	115	97	95	91	86	89	78	102
2700	0.50	112	112	105	102	97	94	93	85	105
	3.00	110	110	103	101	96	92	89	82	103
	5.00	109	109	102	100	94	90	86	79	101
	9.00	118	118	103	97	94	90	91	83	105
2950	0.50	114	114	108	104	100	96	95	88	107
	3.00	113	113	107	104	100	96	93	86	106
	5.00	111	111	105	102	98	93	90	83	104
	9.00	119	119	108	100	97	93	93	87	107
3150	0.50	115	115	110	105	102	98	97	91	109
	4.00	114	114	109	105	102	97	95	88	108
	9.00	120	120	111	102	100	95	94	89	108
	12.50	121	121	111	100	99	94	93	89	109

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2400	0.50	94	94	94	94	90	87	85	76	96
	1.50	93	93	94	93	90	86	84	76	95
	4.00	95	95	94	92	88	84	82	75	94
	7.00	96	96	94	90	85	81	80	74	92
2700	0.50	96	96	97	97	94	90	88	81	99
	3.00	97	97	97	95	92	88	86	80	97
	5.00	98	98	97	95	91	87	85	79	97
	9.00	98	98	97	93	88	84	82	77	95
2950	0.50	98	98	99	99	96	93	90	84	101
	4.00	99	99	99	97	94	90	88	83	100
	7.00	100	100	99	97	93	89	87	82	99
	10.50	100	100	99	95	91	87	84	80	97
3150	0.50	100	100	100	100	98	94	92	86	103
	4.00	100	100	100	99	96	92	90	85	101
	9.00	101	101	100	98	94	90	88	83	100
	12.50	102	102	101	97	93	88	86	82	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2400	0.50	108	108	99	99	92	91	89	79	101
	1.50	108	108	98	98	91	89	87	78	100
	4.00	105	105	96	97	89	85	81	74	97
	7.00	115	115	96	94	90	86	88	77	101
2700	0.50	111	111	104	101	96	93	92	84	104
	3.00	109	109	102	100	95	91	88	81	102
	5.00	108	108	101	99	94	89	84	78	100
	9.00	117	117	102	97	93	89	90	82	104
2950	0.50	113	113	107	103	99	96	94	87	106
	4.00	111	111	105	102	98	93	90	83	104
	7.00	117	117	107	100	97	93	93	86	106
	10.50	119	119	107	99	96	91	91	86	106
3150	0.50	114	114	110	105	101	97	96	90	108
	4.00	113	113	108	103	100	95	92	86	106
	9.00	119	119	110	101	99	94	94	89	108
	12.50	121	121	110	100	98	93	92	88	108

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2400	0.50	92	92	93	92	89	85	84	75	94
	1.50	92	92	93	92	88	84	82	74	93
	4.00	94	94	92	90	86	82	80	73	92
	7.00	95	95	92	88	83	79	77	72	90
2700	0.50	95	95	95	95	92	89	87	79	97
	1.50	94	94	95	95	91	87	85	78	97
	4.00	96	96	95	93	89	85	83	77	95
	7.00	97	97	95	92	88	84	82	76	94
2950	0.50	97	97	97	97	95	91	89	82	99
	4.00	98	98	97	95	92	88	86	81	98
	7.00	98	98	97	95	91	87	85	80	97
	10.50	99	99	97	94	89	85	82	78	96
3150	0.50	98	98	98	98	96	93	90	85	101
	4.00	99	99	99	97	94	90	88	83	100
	9.00	100	100	99	96	92	88	86	81	98
	12.00	100	100	99	95	91	86	84	80	97

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2400	0.50	107	107	98	97	91	89	87	78	99
	1.50	106	106	97	97	90	87	85	76	98
	4.00	111	111	96	95	90	86	87	77	99
	7.00	114	114	94	92	89	84	87	76	101
2700	0.50	109	109	102	100	95	92	90	82	102
	1.50	109	109	101	99	94	90	88	81	101
	4.00	106	106	99	98	92	87	83	77	99
	7.00	115	115	101	96	92	88	89	81	102
2950	0.50	111	111	105	102	98	94	93	86	104
	4.00	109	109	103	100	96	90	87	81	102
	7.00	116	116	106	98	95	91	91	85	104
	10.50	119	119	106	96	94	90	90	84	106
3150	0.50	113	113	108	103	100	95	94	88	106
	4.00	111	111	106	101	98	93	90	84	104
	9.00	118	118	109	99	97	92	92	87	106
	12.00	120	120	109	98	96	92	91	87	107

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

200 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	64	63	59	56	54	44	36	28	58
	0.13	63	62	57	54	51	42	34	25	56
	0.25	65	60	55	52	50	42	34	27	55
	0.38	65	58	53	50	48	41	34	26	53
1300	0.00	84	84	84	81	78	76	68	60	84
	0.75	83	84	84	81	77	74	67	59	83
	1.50	83	84	83	78	74	71	65	56	81
	2.50	86	84	80	76	72	70	65	57	79
1750	0.00	90	91	91	89	86	83	79	69	91
	1.50	90	90	91	89	85	82	77	69	91
	3.00	92	91	89	86	82	79	76	68	88
	4.50	92	91	88	84	80	77	74	67	87
2100	0.00	94	94	95	94	91	88	86	76	96
	2.00	94	94	95	94	90	86	83	75	95
	4.00	93	93	95	93	87	83	80	72	94
	7.00	96	96	93	89	84	81	79	73	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	78	68	61	60	58	47	40	33	63
	0.13	76	66	59	57	53	44	36	29	59
	0.25	82	65	59	57	57	45	39	32	61
	0.38	84	63	58	55	56	44	38	32	62
1300	0.00	99	91	90	84	81	81	71	63	88
	0.75	98	90	90	83	80	77	69	62	87
	1.50	96	88	87	81	76	72	66	58	84
	2.50	105	89	85	81	76	78	69	61	85
1750	0.00	105	102	96	94	88	88	83	73	96
	1.50	104	100	95	92	86	84	79	70	94
	3.00	102	98	94	91	83	80	74	67	92
	4.50	111	104	91	89	85	83	81	70	94
2100	0.00	109	109	100	100	92	92	90	78	101
	2.00	108	108	100	100	91	90	86	77	100
	4.00	106	105	98	97	89	85	81	74	98
	7.00	116	114	95	94	90	86	88	76	101

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	63	62	59	56	53	43	35	28	58
	0.13	63	60	56	53	51	42	34	27	55
	0.25	64	59	55	51	49	42	34	26	54
	0.38	65	57	52	49	47	41	33	25	52
1300	0.00	83	84	84	81	77	76	68	59	83
	0.75	84	84	82	79	75	73	66	58	81
	1.50	85	84	81	77	74	72	65	58	80
	2.50	85	83	80	75	71	69	64	57	78
1750	0.00	90	90	90	89	85	83	78	69	91
	1.50	90	90	89	87	83	80	77	68	89
	3.00	91	91	89	85	81	78	75	67	88
	4.50	92	91	88	84	79	76	73	66	86
2100	0.00	94	94	94	94	90	87	85	75	96
	2.00	94	94	94	92	88	85	83	74	94
	4.00	95	95	93	91	86	83	81	73	93
	7.00	96	96	93	88	84	80	78	72	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	78	67	60	60	57	46	39	32	62
	0.13	75	66	58	56	52	43	35	28	58
	0.25	81	64	59	56	56	44	38	32	61
	0.38	83	62	58	54	55	44	38	32	61
1300	0.00	98	90	89	83	81	80	71	63	87
	0.75	96	89	88	81	78	75	68	60	85
	1.50	102	89	86	81	78	78	69	61	85
	2.50	104	88	84	80	76	77	68	61	85
1750	0.00	105	101	95	93	88	87	82	72	95
	1.50	103	99	94	91	85	82	77	69	93
	3.00	109	103	92	90	85	84	81	70	94
	4.50	110	104	90	89	84	82	80	70	93
2100	0.00	109	108	99	99	92	91	89	78	101
	2.00	107	106	98	98	90	88	84	75	99
	4.00	112	111	96	96	90	87	88	76	100
	7.00	116	114	94	93	89	85	88	75	101

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	62	61	57	54	52	42	34	26	56
	0.13	62	58	54	51	49	41	33	25	53
	0.19	62	58	54	50	48	40	32	25	53
	0.25	63	57	53	49	47	40	32	24	52
1300	0.00	82	82	82	79	76	74	66	58	82
	0.75	82	82	80	77	73	72	65	57	79
	1.50	83	82	79	75	72	70	64	56	78
	2.00	84	82	79	74	70	68	63	55	77
1750	0.00	88	88	89	87	84	81	77	67	89
	1.50	89	89	88	85	81	78	75	66	87
	2.50	90	89	87	84	80	77	74	66	86
	3.75	90	89	86	82	78	75	72	65	85
2100	0.00	92	92	93	92	89	85	84	73	94
	2.00	93	93	92	90	86	83	81	72	92
	4.00	94	94	92	89	84	81	79	72	91
	6.38	94	94	91	87	82	78	77	71	89

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	76	66	59	58	56	45	38	31	60
	0.13	73	64	56	53	49	41	33	25	56
	0.19	79	63	57	55	55	43	37	30	59
	0.25	80	62	57	54	54	43	36	30	59
1300	0.00	97	89	87	82	79	78	69	61	86
	0.75	94	87	86	80	76	73	65	57	83
	1.50	101	87	84	80	76	76	67	60	84
	2.00	102	87	83	79	75	76	67	59	83
1750	0.00	103	100	94	91	86	85	81	70	94
	1.50	101	97	92	89	83	80	75	67	91
	2.50	107	101	91	89	84	82	79	69	92
	3.75	108	102	89	87	83	81	79	68	92
2100	0.00	107	107	98	97	90	90	88	76	99
	2.00	105	104	96	96	88	85	82	73	97
	4.00	111	110	94	94	88	85	86	74	98
	6.38	114	113	92	92	88	83	86	74	99

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

200 CLASS 2 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2200	0.50	95	95	96	95	92	89	87	77	97
	1.50	95	95	96	95	91	88	86	77	97
	4.00	94	94	96	94	89	84	82	74	95
	7.00	97	97	95	91	86	82	81	75	93
2500	0.50	98	98	99	98	95	92	90	82	101
	3.00	98	98	98	98	94	91	88	81	100
	5.00	97	97	98	97	93	88	85	79	98
	9.00	100	100	98	94	90	86	84	79	96
2800	0.50	101	101	101	101	98	95	93	86	103
	4.00	100	100	101	100	97	93	90	84	102
	9.00	102	102	101	98	94	90	88	83	100
	12.50	103	103	101	97	92	88	86	82	99
2945	0.50	102	102	102	102	100	96	94	88	105
	4.00	101	101	102	102	99	95	92	86	104
	9.00	103	103	102	100	96	92	90	85	102
	12.50	104	104	102	99	95	90	88	84	101

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2200	0.50	110	110	100	101	93	93	91	80	102
	1.50	110	110	99	101	93	92	89	79	102
	4.00	107	107	97	99	90	87	83	76	99
	7.00	116	116	95	96	91	87	90	77	102
2500	0.50	113	113	104	104	97	95	94	85	105
	3.00	112	112	103	103	97	94	91	83	105
	5.00	110	110	102	101	95	91	87	80	102
	9.00	119	119	102	99	95	90	92	82	105
2800	0.50	115	115	109	106	101	98	97	89	108
	4.00	114	114	107	104	100	95	93	86	106
	9.00	120	120	108	102	99	95	95	87	108
	12.50	122	122	108	101	98	93	94	87	109
2945	0.50	117	117	111	107	103	99	98	91	110
	4.00	116	116	109	106	102	98	96	89	109
	9.00	121	121	110	103	101	96	96	90	109
	12.50	122	122	110	102	100	95	95	89	110

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2200	0.50	95	95	95	95	91	87	86	76	97
	1.50	94	94	95	94	90	86	84	75	96
	4.00	96	96	95	92	88	84	83	75	94
	7.00	97	97	94	90	85	82	80	74	92
2500	0.50	97	97	98	98	94	91	89	81	100
	3.00	98	98	98	96	93	89	87	80	98
	5.00	99	99	98	95	91	88	86	79	97
	9.00	100	100	97	94	89	85	83	78	96
2800	0.50	100	100	100	100	98	94	92	85	103
	4.00	101	101	100	99	96	92	90	84	101
	7.00	101	101	100	98	94	91	89	83	100
	10.50	102	102	100	97	93	89	87	82	99
2945	0.50	101	101	101	101	99	95	93	87	104
	4.00	102	102	101	100	97	94	91	86	103
	9.00	103	103	102	99	95	91	89	84	101
	12.50	103	103	102	98	94	90	87	83	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2200	0.50	109	109	99	100	92	91	90	79	101
	1.50	108	108	98	100	91	90	87	78	100
	4.00	106	106	96	98	89	86	81	75	98
	7.00	115	115	94	95	90	86	89	77	102
2500	0.50	112	112	104	103	97	94	93	84	105
	3.00	110	110	102	102	95	92	89	81	103
	5.00	109	109	101	101	94	89	85	79	101
	9.00	118	118	101	98	94	90	91	82	105
2800	0.50	115	115	108	105	100	97	96	88	108
	4.00	113	113	106	104	99	94	91	85	106
	7.00	118	118	107	102	99	95	95	87	107
	10.50	120	120	107	101	98	93	94	86	108
2945	0.50	116	116	110	106	102	98	97	90	109
	4.00	114	114	108	105	101	96	93	87	107
	9.00	120	120	110	103	100	95	95	89	109
	12.50	122	122	110	101	99	94	94	88	109

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
2200	0.50	93	93	94	93	89	86	84	74	95
	1.50	92	92	94	93	88	84	82	73	94
	4.00	94	94	93	90	86	82	81	73	92
	7.00	95	95	92	88	83	79	78	72	90
2500	0.50	96	96	96	96	93	89	88	79	98
	3.00	97	97	96	94	91	87	85	78	96
	5.00	97	97	96	94	90	86	84	78	96
	9.00	98	98	96	92	87	83	81	76	94
2800	0.50	98	98	99	99	96	92	90	83	101
	4.00	99	99	99	97	94	90	88	82	99
	7.00	100	100	99	96	92	89	87	81	98
	10.50	100	100	99	95	91	86	84	80	97
2945	0.50	99	99	100	100	97	94	92	85	102
	4.00	100	100	100	98	95	92	89	84	101
	9.00	101	101	100	97	93	89	87	82	99
	12.50	102	102	100	96	92	87	85	81	98

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
2200	0.50	108	108	97	98	91	90	88	77	100
	1.50	107	107	96	98	90	88	85	76	99
	4.00	112	112	95	96	90	87	88	76	100
	7.00	115	115	92	93	89	84	88	75	101
2500	0.50	111	111	102	101	95	93	91	82	103
	3.00	108	108	100	100	93	90	86	79	101
	5.00	114	114	101	98	94	90	91	81	103
	9.00	118	118	99	96	92	88	90	80	104
2800	0.50	113	113	106	103	99	95	94	86	106
	4.00	111	111	104	102	97	92	89	82	104
	7.00	117	117	106	100	97	93	93	85	106
	10.50	119	119	105	99	96	91	92	85	106
2945	0.50	114	114	108	104	100	97	96	88	107
	4.00	112	112	106	103	99	94	91	84	105
	9.00	119	119	108	101	98	94	93	87	107
	12.50	121	121	108	99	97	92	93	87	108

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

222 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	71	71	67	64	63	53	45	37	67
	0.25	71	71	66	61	59	51	43	35	64
	0.38	71	71	64	60	57	50	42	33	63
	0.63	70	70	62	58	57	51	43	35	62
900	0.00	79	80	78	75	72	68	59	51	77
	0.50	79	80	78	74	70	66	58	50	76
	1.00	80	79	75	71	68	65	57	49	74
	1.50	80	79	73	69	66	63	56	48	72
1350	0.00	88	88	88	86	82	80	73	64	88
	1.25	87	88	88	84	80	77	71	62	86
	2.50	89	88	86	82	78	76	70	62	84
	3.50	90	88	84	80	76	74	69	62	83
1888	0.00	95	95	96	94	91	88	85	75	97
	2.50	95	95	95	93	89	85	82	73	95
	5.00	97	96	94	91	87	84	81	73	93
	7.10	98	97	94	89	85	81	79	73	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	76	76	69	68	67	56	49	42	70
	0.25	74	74	67	64	61	53	45	38	67
	0.38	73	74	66	62	58	51	44	36	65
	0.63	73	71	67	63	65	54	47	41	67
900	0.00	91	84	83	77	76	72	62	55	81
	0.50	89	82	81	75	72	68	59	51	78
	1.00	93	81	80	75	73	71	60	54	79
	1.50	94	79	78	74	71	70	59	53	78
1350	0.00	103	96	94	88	86	85	76	68	92
	1.25	101	94	92	86	82	79	72	64	89
	2.50	107	94	90	86	82	82	74	66	90
	3.50	109	94	88	85	80	81	74	66	89
1888	0.00	110	108	101	99	93	93	89	78	101
	2.50	108	106	100	98	91	88	84	75	99
	5.00	115	111	97	96	91	89	87	76	100
	7.10	117	112	95	94	90	87	87	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	70	70	67	64	62	53	45	37	66
	0.25	70	70	64	61	59	52	44	36	64
	0.38	70	70	63	60	58	51	43	35	63
	0.50	70	69	62	59	57	51	43	35	62
900	0.00	79	79	78	74	72	68	58	50	77
	0.50	79	79	76	72	69	66	57	49	75
	1.00	80	78	74	70	67	64	56	49	73
	1.50	80	78	72	68	65	62	56	48	71
1350	0.00	87	88	88	85	82	80	72	64	87
	1.25	88	88	86	83	79	77	71	63	85
	2.50	89	88	85	81	77	75	69	62	83
	3.50	90	88	84	79	75	73	68	61	82
1888	0.00	95	95	95	94	91	88	84	75	96
	2.50	95	95	94	92	88	85	82	74	94
	5.00	96	96	94	90	86	83	80	73	92
	7.00	97	96	93	89	84	81	78	72	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	76	75	69	67	66	56	48	41	70
	0.25	73	74	66	63	60	52	44	37	66
	0.38	72	73	65	61	57	50	42	34	64
	0.50	73	71	67	63	64	54	47	41	67
900	0.00	91	84	82	76	76	72	61	54	80
	0.50	88	82	80	74	71	66	58	50	77
	1.00	92	80	79	74	72	70	59	53	78
	1.50	93	78	78	73	71	69	59	53	77
1350	0.00	102	95	93	88	85	84	75	67	91
	1.25	100	93	92	86	81	78	71	63	88
	2.50	107	94	89	85	81	82	74	66	89
	3.50	109	93	88	84	80	81	73	65	89
1888	0.00	110	107	100	99	92	92	88	78	101
	2.50	107	105	99	97	90	87	82	74	98
	5.00	114	110	96	95	90	88	87	76	99
	7.00	117	112	95	94	89	87	87	75	100

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	69	69	65	62	60	51	43	35	64
	0.25	68	68	62	59	57	50	42	34	62
	0.50	68	68	60	56	55	49	41	33	60
	0.75	68	67	58	54	52	48	40	32	58
900	0.00	77	78	76	73	70	66	56	49	75
	0.50	78	77	74	70	67	64	55	48	73
	1.00	78	77	72	68	65	62	55	47	71
	1.38	78	76	71	66	63	61	54	46	70
1350	0.00	86	86	86	83	80	78	71	62	86
	1.25	87	86	84	81	77	75	69	61	83
	2.25	87	86	83	79	75	73	68	60	82
	3.25	88	86	82	77	73	71	67	59	80
1888	0.00	93	93	94	92	89	86	83	73	95
	2.50	94	94	93	90	86	83	80	72	92
	5.00	95	94	92	88	84	81	78	71	90
	6.38	95	95	91	87	82	79	77	70	89

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	74	74	67	66	65	54	47	40	68
	0.25	71	72	64	61	57	50	42	34	63
	0.50	71	69	65	61	63	52	45	39	65
	0.75	70	67	65	60	66	53	47	42	67
900	0.00	89	82	80	75	74	70	60	53	79
	0.50	86	80	79	72	69	64	56	48	75
	1.00	91	78	77	72	70	68	58	51	76
	1.38	92	77	76	71	69	68	57	51	75
1350	0.00	101	94	91	86	83	82	74	65	90
	1.25	98	91	90	84	79	76	69	61	86
	2.25	105	92	88	84	80	80	72	64	88
	3.25	108	92	86	83	78	80	72	64	87
1888	0.00	108	106	99	97	91	90	87	76	99
	2.50	105	103	97	95	88	85	80	72	96
	5.00	113	109	94	93	88	86	85	74	98
	6.38	115	110	93	92	88	85	85	74	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1900	0.50	95	96	96	95	91	88	85	75	97
	1.50	95	95	96	94	91	88	84	75	96
	4.00	94	95	95	93	88	83	80	72	94
	7.00	97	97	94	90	85	82	79	73	92
2050	0.50	97	97	98	97	93	90	88	78	99
	1.50	97	97	98	97	93	90	87	78	98
	4.00	96	96	97	95	90	86	83	75	97
	7.00	99	99	96	93	88	85	83	76	95
2200	0.50	99	99	99	99	95	92	91	80	101
	3.00	98	98	99	98	94	91	88	79	100
	5.00	97	97	99	97	92	87	85	78	98
	9.00	101	101	98	94	89	85	84	78	96
2465	0.50	101	101	102	101	98	95	93	84	103
	4.00	100	100	101	101	97	92	90	83	102
	9.00	103	103	101	98	94	90	88	82	100
	12.00	103	103	101	97	92	88	86	81	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1900	0.50	110	108	101	99	93	92	89	78	101
	1.50	110	107	101	99	93	91	87	78	101
	4.00	107	105	99	97	89	86	81	74	98
	7.00	116	112	96	95	90	87	87	76	100
2050	0.50	112	111	103	102	95	94	92	81	104
	1.50	111	110	103	102	94	93	90	80	103
	4.00	109	108	101	100	92	89	84	77	101
	7.00	117	115	98	98	93	89	90	79	103
2200	0.50	113	113	103	104	96	96	94	83	106
	3.00	112	112	101	103	95	93	90	81	104
	5.00	110	110	100	102	93	90	86	79	102
	9.00	119	119	98	99	94	90	93	81	106
2465	0.50	116	116	107	107	100	98	97	87	108
	4.00	114	114	105	105	98	95	92	84	106
	9.00	121	121	105	103	98	94	96	86	108
	12.00	122	122	104	101	97	93	95	85	109

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1900	0.50	95	95	95	94	90	87	84	74	96
	1.50	94	94	95	93	89	86	82	74	95
	4.00	96	96	94	91	87	84	81	73	93
	7.00	97	96	93	89	84	81	79	72	91
2050	0.50	96	96	97	96	92	89	87	77	98
	1.50	96	96	97	96	91	88	85	76	97
	4.00	97	97	96	93	89	86	84	76	95
	7.00	98	98	96	92	87	84	82	75	94
2200	0.50	98	98	99	98	94	91	89	79	100
	3.00	99	99	98	96	92	89	88	79	98
	5.00	99	99	98	95	91	88	86	78	97
	9.00	100	100	97	93	88	85	83	77	95
2465	0.50	100	100	101	100	97	94	92	84	103
	4.00	101	101	101	99	95	92	90	83	101
	9.00	102	102	100	97	93	89	87	81	99
	11.75	103	103	100	96	91	87	86	81	98

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1900	0.50	109	107	100	98	92	91	88	77	100
	1.50	108	106	100	98	91	89	85	76	99
	4.00	113	110	97	96	91	89	87	76	100
	7.00	116	112	95	94	89	87	87	75	100
2050	0.50	111	110	102	101	94	93	91	80	103
	1.50	110	109	101	100	93	91	88	79	102
	4.00	108	107	100	99	91	88	83	76	100
	7.00	117	115	97	97	92	88	90	78	102
2200	0.50	113	113	102	103	96	95	93	82	105
	3.00	111	111	100	102	94	92	88	80	103
	5.00	109	109	99	101	92	89	84	78	101
	9.00	119	119	97	98	94	89	92	80	105
2465	0.50	115	115	107	106	99	97	96	87	108
	4.00	113	113	104	104	98	94	91	83	105
	9.00	120	120	104	102	97	93	95	85	107
	11.75	122	122	103	100	97	92	95	84	108

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1900	0.50	93	93	94	92	88	85	82	73	94
	1.50	94	94	93	91	87	84	81	73	93
	3.00	94	94	93	90	85	82	80	72	92
	5.00	95	95	92	88	84	81	78	71	91
2050	0.50	95	95	95	94	91	87	85	75	96
	1.50	94	94	95	94	90	86	83	74	95
	4.00	96	96	95	92	88	84	82	74	94
	7.00	97	97	94	90	85	81	80	73	92
2200	0.50	96	96	97	96	93	89	88	78	98
	1.50	96	96	97	96	92	88	86	77	97
	4.00	97	97	96	94	89	86	85	77	96
	7.00	98	98	96	92	88	84	83	76	94
2465	0.50	99	99	99	99	96	92	91	82	101
	4.00	100	100	99	97	93	90	88	81	99
	8.00	101	101	99	96	91	88	86	80	98
	11.00	101	101	99	95	90	86	84	79	97

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1900	0.50	108	106	99	97	90	89	86	76	99
	1.50	106	104	98	96	89	87	83	74	97
	3.00	105	103	97	95	87	84	79	72	96
	5.00	113	109	95	93	88	86	85	74	98
2050	0.50	109	108	100	99	92	91	89	78	101
	1.50	108	107	100	99	91	89	86	77	100
	4.00	113	112	98	97	91	89	89	77	101
	7.00	116	114	95	95	90	86	88	76	101
2200	0.50	111	111	101	102	94	93	92	80	103
	1.50	110	110	100	101	93	92	89	79	102
	4.00	108	108	98	100	91	88	83	76	100
	7.00	116	116	97	98	92	88	91	79	103
2465	0.50	114	114	105	104	98	96	95	85	106
	4.00	111	111	102	103	96	92	88	81	103
	8.00	118	118	103	100	96	92	93	83	106
	11.00	121	121	102	99	95	91	94	83	107

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

245 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	74	74	70	67	65	56	48	40	70
	0.38	74	74	68	64	61	54	45	37	66
	0.75	73	73	65	61	60	54	46	38	65
	1.00	73	72	63	60	58	53	46	39	64
900	0.00	82	83	81	78	75	71	62	54	80
	0.50	82	83	81	77	74	69	61	53	79
	1.00	81	82	79	74	70	67	59	50	77
	1.50	83	82	77	73	70	67	60	52	76
1350	0.00	91	91	91	88	85	83	76	67	91
	1.50	90	91	91	87	83	80	74	65	89
	3.00	92	91	89	85	81	79	73	65	87
	4.38	93	91	87	83	78	76	72	65	85
1714	0.00	96	96	96	95	91	89	84	75	97
	2.50	95	96	96	94	89	86	82	73	95
	5.00	98	97	95	91	87	84	81	73	93
	7.10	98	97	94	89	85	82	79	72	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	79	79	72	71	70	59	52	45	73
	0.38	76	77	70	66	63	55	47	40	69
	0.75	76	74	70	66	68	57	50	44	70
	1.00	75	72	70	65	71	58	52	47	72
900	0.00	94	87	86	80	79	75	65	58	84
	0.50	93	86	85	79	77	72	63	56	83
	1.00	91	84	83	76	73	68	60	52	79
	1.50	96	83	82	77	75	73	63	57	81
1350	0.00	106	99	97	91	89	88	79	71	95
	1.50	104	97	95	89	85	82	75	67	92
	3.00	110	97	93	89	85	85	77	69	93
	4.38	112	97	91	88	83	85	77	69	92
1714	0.00	111	107	102	99	94	93	88	78	101
	2.50	109	105	100	97	91	89	83	75	99
	5.00	115	109	98	96	91	90	87	76	100
	7.10	118	110	96	95	90	89	86	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	73	73	70	67	65	56	48	40	69
	0.25	73	73	68	64	63	55	47	39	67
	0.50	73	73	66	62	61	54	46	38	66
	0.88	72	72	63	59	58	52	45	37	63
900	0.00	82	82	81	77	75	71	61	53	80
	0.50	82	82	79	75	72	69	60	52	78
	1.13	82	81	77	73	70	67	59	52	76
	1.75	83	81	76	71	68	65	59	51	74
1350	0.00	90	91	91	88	85	83	75	67	90
	1.50	91	91	89	86	82	80	74	66	88
	3.00	92	91	88	84	80	78	72	65	86
	4.25	92	90	87	82	78	76	71	64	85
1714	0.00	96	96	96	94	91	88	84	74	96
	2.50	96	96	95	92	88	86	82	73	94
	5.00	97	96	94	90	86	83	80	72	93
	7.00	98	97	93	89	84	81	78	72	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	79	78	72	70	69	59	51	44	73
	0.25	76	77	70	67	64	56	48	40	69
	0.50	76	75	70	67	68	57	50	44	71
	0.88	75	72	69	64	68	57	50	44	70
900	0.00	93	86	85	79	79	74	64	57	83
	0.50	92	85	84	77	75	70	62	54	81
	1.13	95	83	82	77	75	73	63	56	81
	1.75	96	81	81	76	74	72	62	56	80
1350	0.00	105	98	96	90	88	87	78	70	94
	1.50	103	96	95	88	84	81	74	66	91
	3.00	110	97	92	88	84	85	77	68	92
	4.25	112	96	90	87	83	84	76	68	92
1714	0.00	110	107	101	98	93	93	88	78	101
	2.50	108	104	100	97	90	87	82	74	98
	5.00	115	108	97	95	90	89	86	76	99
	7.00	117	109	96	94	90	88	86	75	99

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	72	72	68	65	63	54	46	38	67
	0.25	71	71	66	62	61	53	45	37	65
	0.38	71	71	65	61	60	53	45	37	64
	0.50	71	71	64	60	59	52	44	37	64
900	0.00	80	81	79	76	73	69	59	52	78
	0.50	80	80	77	73	70	67	59	51	76
	1.13	81	80	75	71	68	65	58	50	74
	1.75	81	79	74	69	66	63	57	49	72
1350	0.00	89	89	89	86	83	81	74	65	89
	1.50	90	89	87	84	80	78	72	64	86
	3.00	90	89	86	82	78	76	70	63	84
	4.00	91	89	85	80	76	74	69	62	83
1714	0.00	94	94	94	93	89	87	82	73	95
	2.50	95	94	93	90	86	83	80	72	92
	5.00	96	95	92	88	84	81	78	71	91
	6.38	96	95	92	87	83	80	77	70	90

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	77	77	70	69	68	57	50	43	71
	0.25	75	75	68	65	61	54	46	38	67
	0.38	73	74	67	63	58	52	44	36	65
	0.50	74	73	68	65	66	55	48	42	69
900	0.00	92	85	83	78	77	73	62	55	82
	0.50	90	83	82	75	73	68	59	52	79
	1.13	94	81	80	75	74	71	61	54	79
	1.75	95	79	79	74	72	71	60	54	78
1350	0.00	104	96	94	89	86	85	77	68	93
	1.50	101	94	93	87	82	79	72	64	89
	3.00	108	95	90	86	82	83	75	67	90
	4.00	111	95	89	86	81	83	75	67	91
1714	0.00	109	105	100	97	92	91	86	76	99
	2.50	106	102	98	95	88	85	80	72	96
	5.00	114	107	95	93	89	87	84	74	97
	6.38	116	108	94	92	88	86	84	74	97

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

245 CLASS 2 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1750	0.50	97	97	97	95	92	89	85	76	98
	1.50	96	97	97	95	91	88	84	75	97
	4.00	95	96	96	94	88	84	80	72	95
	7.00	99	98	95	90	86	83	80	73	93
1900	0.50	98	98	99	98	94	91	88	78	100
	1.50	98	98	99	97	94	91	87	78	99
	4.00	97	98	98	96	91	87	84	76	97
	7.00	100	100	97	93	89	86	83	76	96
2050	0.50	100	100	101	100	96	93	91	81	102
	3.00	99	100	100	99	95	92	88	80	101
	5.00	99	99	100	98	93	89	86	78	99
	9.00	102	102	99	95	90	87	85	79	97
2200	0.50	102	102	102	101	98	95	93	83	104
	4.00	101	101	102	101	96	92	90	82	102
	9.00	103	103	101	98	93	90	88	81	100
	11.80	104	104	101	96	92	88	87	81	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1750	0.50	111	108	102	100	94	93	88	79	102
	1.50	111	107	102	100	94	92	87	78	101
	4.00	108	105	100	97	90	87	81	74	98
	7.00	117	111	97	95	91	89	87	76	100
1900	0.50	113	111	104	102	96	95	92	81	104
	1.50	113	111	104	102	96	94	90	81	104
	4.00	111	108	102	100	93	90	85	77	101
	7.00	118	114	100	99	94	91	90	79	103
2050	0.50	115	114	106	105	98	97	95	84	107
	3.00	114	113	106	105	97	96	91	82	106
	5.00	112	111	104	103	95	92	87	80	104
	9.00	120	119	101	100	95	92	93	81	106
2200	0.50	116	116	106	107	99	99	97	86	109
	4.00	114	114	104	106	97	95	92	83	106
	9.00	121	121	102	103	98	94	96	84	108
	11.80	123	123	101	102	97	93	97	84	110

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1750	0.50	96	96	96	95	91	88	84	75	97
	1.50	95	96	96	94	90	87	82	74	96
	4.00	97	97	95	92	88	85	82	74	94
	7.00	98	97	94	90	85	82	79	73	92
1900	0.50	98	98	98	97	93	90	87	77	99
	1.50	97	97	98	96	92	89	86	77	98
	4.00	99	98	97	94	90	87	84	76	96
	7.00	100	99	96	93	88	85	83	76	95
2050	0.50	99	99	100	99	95	92	90	80	101
	3.00	100	100	99	97	93	90	88	79	99
	5.00	100	100	99	96	92	89	87	79	98
	9.00	101	101	98	94	90	86	84	78	97
2200	0.50	101	101	102	101	97	94	92	82	103
	4.00	102	102	101	99	95	92	90	82	101
	8.00	102	102	101	97	93	89	88	81	100
	11.50	103	103	100	96	91	87	86	80	98

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1750	0.50	110	107	101	99	93	92	87	78	101
	1.50	110	106	101	98	92	90	85	76	100
	4.00	107	104	99	96	89	85	80	73	97
	7.00	117	110	96	95	90	88	86	76	99
1900	0.50	112	110	103	101	95	94	91	80	103
	1.50	112	109	103	101	94	93	89	79	102
	4.00	110	107	101	100	92	89	84	76	100
	7.00	118	114	99	98	93	90	90	79	102
2050	0.50	114	113	105	104	97	96	94	83	106
	3.00	112	111	104	103	95	93	89	80	104
	5.00	111	110	103	102	94	90	86	79	103
	9.00	120	118	100	100	95	91	93	81	105
2200	0.50	116	116	105	106	99	98	96	85	108
	4.00	114	114	103	105	97	94	91	82	105
	8.00	120	120	102	103	97	94	96	83	108
	11.50	123	123	100	101	97	92	96	83	109

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1750	0.50	94	94	95	93	89	86	82	73	95
	1.50	95	95	94	92	88	85	82	73	94
	3.00	95	95	93	90	86	83	80	72	93
	5.00	96	95	93	89	85	82	79	71	91
1900	0.50	96	96	97	95	92	89	85	76	97
	1.50	96	96	96	95	90	87	84	75	96
	4.00	97	97	96	93	89	86	83	75	95
	7.00	98	98	95	91	86	83	81	74	93
2050	0.50	98	98	98	97	94	90	88	78	99
	3.00	99	98	98	95	91	88	86	78	98
	5.00	99	99	97	95	90	87	85	77	97
	9.00	100	100	97	92	88	84	82	76	95
2200	0.50	99	99	100	99	96	92	91	81	101
	4.00	100	100	99	97	93	89	88	80	99
	7.00	101	101	99	96	92	88	87	79	98
	10.60	102	102	99	94	89	86	84	78	97

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1750	0.50	109	105	100	97	91	90	86	76	99
	1.50	108	104	99	96	90	88	83	74	98
	3.00	106	103	98	95	88	84	79	72	96
	5.00	114	108	96	94	89	88	85	75	98
1900	0.50	111	109	102	100	93	92	89	79	102
	1.50	110	108	101	99	92	91	87	77	101
	4.00	107	105	99	98	90	86	81	74	98
	7.00	117	112	97	96	91	88	88	77	101
2050	0.50	112	111	103	102	95	94	92	81	104
	3.00	110	109	102	101	93	91	87	78	102
	5.00	116	115	100	100	94	92	92	80	103
	9.00	119	117	98	97	93	89	91	79	104
2200	0.50	114	114	104	105	97	96	95	83	106
	4.00	112	112	101	103	95	92	88	80	104
	7.00	118	118	100	101	96	92	94	82	106
	10.60	121	121	99	99	95	90	95	81	108

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

270 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	70	69	66	63	59	49	42	34	64
	0.13	70	69	65	62	58	49	41	33	63
	0.25	70	68	63	59	55	47	38	30	61
	0.50	72	65	60	57	54	47	39	32	59
750	0.00	81	82	79	76	74	67	58	51	78
	0.50	81	82	79	75	72	66	58	50	77
	1.00	81	81	77	71	68	63	55	46	74
	1.63	82	80	74	69	67	63	56	48	73
1200	0.00	91	92	91	88	85	83	74	66	91
	1.50	91	92	91	86	82	80	72	64	89
	3.00	93	91	88	84	80	79	72	64	87
	4.25	94	91	87	82	78	77	71	64	85
1556	0.00	97	97	97	95	92	90	84	75	97
	2.50	96	97	97	94	89	87	81	73	96
	5.00	98	98	95	91	87	85	81	73	94
	7.10	99	98	94	90	85	83	79	72	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	85	73	68	67	63	53	46	39	69
	0.13	84	73	67	66	60	52	44	37	67
	0.25	82	72	65	62	57	49	41	33	64
	0.50	90	70	65	63	61	50	44	38	68
750	0.00	90	86	83	79	78	71	62	55	82
	0.50	88	85	81	76	74	67	59	51	79
	1.00	86	83	79	73	69	63	56	48	76
	1.63	90	81	79	74	74	69	60	54	78
1200	0.00	106	97	97	90	89	88	77	70	95
	1.50	104	95	96	88	85	82	74	66	92
	3.00	111	95	93	88	85	86	75	68	93
	4.25	113	93	91	88	83	86	75	68	93
1556	0.00	112	107	103	99	95	94	87	78	102
	2.50	110	105	101	97	92	89	83	75	99
	5.00	116	107	99	96	92	91	86	76	100
	7.10	119	108	97	95	90	90	85	76	99

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	70	68	65	62	58	49	41	33	64
	0.13	70	68	63	60	56	47	39	31	62
	0.25	70	66	62	59	56	48	40	32	61
	0.50	71	64	59	56	54	47	39	31	59
750	0.00	81	81	79	75	73	67	58	50	78
	0.50	81	81	77	73	71	65	57	49	76
	1.00	81	80	75	71	69	64	56	48	74
	1.50	81	80	73	69	67	63	55	48	72
1200	0.00	91	91	91	88	85	83	74	66	90
	1.50	91	91	89	85	82	80	72	65	88
	3.00	92	91	88	83	79	78	71	64	86
	4.10	93	90	86	81	78	76	71	63	85
1556	0.00	96	97	97	95	91	89	83	74	97
	2.50	97	97	95	92	89	86	81	73	95
	5.00	98	97	94	91	86	84	80	72	93
	7.00	99	97	94	89	85	82	78	72	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	84	73	67	67	62	52	45	38	68
	0.13	83	72	65	63	59	50	42	35	65
	0.25	81	71	64	61	55	48	40	32	63
	0.50	90	69	64	62	60	50	44	38	67
750	0.00	90	86	82	78	77	70	61	54	81
	0.50	88	84	80	75	72	66	58	50	78
	1.00	90	82	80	75	75	69	60	53	79
	1.50	89	81	78	74	73	68	59	53	78
1200	0.00	106	97	96	90	88	87	77	69	94
	1.50	103	94	95	87	84	81	73	65	91
	3.00	110	94	92	88	84	85	75	68	92
	4.10	112	93	91	87	82	85	74	68	92
1556	0.00	111	106	102	98	94	93	87	77	101
	2.50	109	104	100	96	91	88	82	74	98
	5.00	116	107	98	95	91	90	85	76	99
	7.00	118	107	96	94	90	89	85	75	99

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	68	67	64	61	57	47	39	32	62
	0.13	69	65	62	59	55	47	39	31	60
	0.25	69	64	60	57	54	46	38	30	59
	0.50	70	62	57	54	51	45	37	29	57
750	0.00	79	80	77	74	72	65	56	48	76
	0.50	79	79	75	71	69	63	55	47	74
	1.00	79	79	73	69	67	62	55	47	72
	1.50	79	78	71	67	64	61	54	46	70
1200	0.00	89	90	89	86	83	81	72	64	89
	1.50	90	89	87	83	80	78	71	63	86
	2.50	91	89	86	82	78	77	70	62	85
	3.75	91	89	85	80	76	74	69	61	83
1556	0.00	95	95	95	93	90	87	82	73	95
	2.50	96	95	94	90	87	84	79	71	93
	5.00	97	95	93	89	84	82	78	70	91
	6.38	97	96	92	87	83	80	77	70	90

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	83	71	66	65	61	50	43	36	66
	0.13	81	70	63	61	57	48	40	33	63
	0.25	79	69	61	58	53	45	38	30	61
	0.50	89	67	62	60	59	48	42	36	66
750	0.00	88	84	80	77	76	69	60	53	80
	0.50	86	82	78	73	70	64	56	48	76
	1.00	88	80	78	73	73	67	58	52	77
	1.50	88	79	77	72	72	67	58	52	76
1200	0.00	104	95	95	88	87	86	75	68	93
	1.50	101	92	93	85	82	78	71	63	89
	2.50	108	92	91	86	83	84	73	66	91
	3.75	111	91	89	85	81	84	73	66	90
1556	0.00	110	105	100	97	92	92	85	76	100
	2.50	107	102	99	94	89	85	79	72	96
	5.00	115	105	96	93	89	88	83	74	97
	6.38	117	105	95	93	88	88	83	74	97

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

270 CLASS 2 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1600	0.50	98	98	98	96	93	90	85	76	98
	1.50	97	98	98	96	92	89	84	75	98
	4.00	96	97	97	94	89	85	81	72	95
	7.00	100	98	95	91	86	84	80	73	93
1700	0.50	99	99	99	98	94	92	87	78	100
	1.50	99	99	99	97	94	91	86	77	99
	4.00	98	98	99	96	91	87	83	75	97
	7.00	101	100	97	93	89	86	83	75	96
1850	0.50	101	101	101	100	96	94	90	80	102
	3.00	100	100	101	99	95	92	88	80	101
	5.00	100	100	101	98	93	89	86	78	100
	9.00	103	102	99	95	91	88	85	78	97
2000	0.50	102	103	103	102	98	96	93	83	104
	4.00	102	102	103	101	96	93	90	81	102
	9.00	104	104	102	98	94	90	88	81	100
	11.80	105	104	101	97	92	89	87	80	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1600	0.50	112	108	103	100	95	94	88	79	102
	1.50	112	107	103	99	95	93	87	78	102
	4.00	109	105	101	97	91	87	81	74	99
	7.00	118	109	98	96	91	90	86	77	100
1700	0.50	114	110	105	102	96	95	90	81	104
	1.50	113	109	105	102	96	95	89	80	104
	4.00	111	107	103	99	93	90	84	77	101
	7.00	119	112	100	98	93	92	89	79	102
1850	0.50	116	113	106	104	98	98	94	83	106
	3.00	114	112	107	104	98	96	91	82	106
	5.00	113	110	104	102	95	92	87	79	103
	9.00	121	116	102	100	95	93	92	81	105
2000	0.50	117	116	108	107	100	99	97	86	109
	4.00	115	114	107	106	98	96	92	83	107
	9.00	122	120	104	103	98	95	96	84	108
	11.80	124	121	103	102	97	94	96	84	108

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1600	0.50	97	97	97	95	91	89	84	75	97
	1.50	96	97	97	94	90	87	82	74	96
	4.00	98	98	96	92	88	86	82	74	95
	7.00	99	98	94	90	86	83	79	73	93
1700	0.50	98	98	99	97	93	91	86	77	99
	1.50	98	98	98	96	92	89	85	76	98
	4.00	99	99	97	94	90	87	84	76	96
	7.00	100	99	96	92	88	85	82	75	95
1850	0.50	100	100	101	99	96	93	89	80	101
	3.00	101	101	100	97	94	91	88	79	100
	5.00	101	101	99	96	92	89	86	78	98
	9.00	102	101	99	94	90	87	84	77	97
2000	0.50	102	102	102	101	98	95	92	82	103
	4.00	103	102	102	99	95	92	90	81	101
	9.00	104	103	101	97	93	89	87	80	99
	11.60	104	104	100	96	91	88	86	80	98

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1600	0.50	111	107	102	99	94	93	87	78	101
	1.50	111	106	102	98	93	91	85	76	100
	4.00	108	104	100	96	90	86	80	73	98
	7.00	118	108	97	95	90	90	86	76	99
1700	0.50	113	109	104	101	95	94	89	80	103
	1.50	112	108	103	100	94	93	88	78	102
	4.00	110	106	102	99	92	88	83	75	100
	7.00	118	111	99	97	93	91	88	78	101
1850	0.50	115	112	106	104	97	97	93	82	106
	3.00	113	111	104	102	95	93	89	80	104
	5.00	112	109	104	101	94	90	85	78	102
	9.00	121	116	101	99	95	92	91	81	104
2000	0.50	116	115	107	106	99	99	96	85	108
	4.00	114	113	106	105	97	95	90	82	106
	9.00	122	119	103	102	97	94	95	83	107
	11.60	124	121	102	101	97	93	95	83	108

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1600	0.50	95	96	96	93	90	87	82	73	96
	1.50	96	96	95	92	89	86	81	73	95
	3.00	96	96	94	91	87	84	80	72	93
	5.00	97	96	93	90	85	83	79	72	92
1700	0.50	97	97	97	95	91	89	84	75	97
	1.50	96	96	97	94	90	87	83	74	96
	4.00	98	97	96	92	89	86	82	74	95
	7.00	99	98	95	90	86	83	80	73	93
1850	0.50	98	99	99	97	94	91	87	78	99
	3.00	99	99	98	96	92	89	86	77	98
	5.00	100	99	98	95	91	88	85	77	97
	8.50	101	100	97	93	88	85	82	76	95
2000	0.50	100	100	101	100	96	93	90	81	102
	4.00	101	101	100	97	93	90	88	80	99
	7.00	102	102	100	96	92	89	87	79	98
	10.60	102	102	99	95	90	86	84	78	97

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1600	0.50	110	105	101	97	92	91	85	76	100
	1.50	109	104	100	96	91	89	83	74	98
	3.00	107	102	99	95	89	85	79	72	97
	5.00	115	106	97	94	90	89	84	75	98
1700	0.50	111	107	102	99	94	93	88	78	101
	1.50	110	106	101	98	93	91	85	77	100
	4.00	115	109	99	97	92	91	87	77	100
	7.00	117	110	97	95	91	89	86	76	100
1850	0.50	113	111	104	102	96	95	91	81	104
	3.00	111	109	103	101	93	91	86	78	102
	5.00	117	113	101	100	94	93	91	80	103
	8.50	119	114	99	98	93	90	90	79	103
2000	0.50	115	114	106	105	98	97	94	83	106
	4.00	112	111	104	103	95	92	88	80	104
	7.00	119	117	102	101	96	93	93	82	106
	10.60	122	119	100	100	95	92	94	81	106

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

300 CLASS 1 | BELT & DIRECT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	74	72	69	66	62	53	45	37	67
	0.25	73	71	67	63	59	51	42	34	65
	0.50	75	69	64	62	58	51	43	35	64
	0.75	76	67	62	59	57	50	43	35	62
800	0.00	86	86	84	81	78	73	64	56	83
	0.75	86	86	83	79	76	71	62	54	81
	1.50	86	85	81	77	74	70	62	54	80
	2.25	86	85	79	74	72	68	61	53	78
1050	0.00	92	92	91	88	85	83	73	65	91
	1.25	91	92	91	87	84	80	72	64	89
	2.75	93	91	88	84	80	79	71	63	87
	4.00	94	91	86	81	78	76	70	63	85
1400	0.00	98	98	98	96	92	90	83	74	98
	2.50	97	98	98	94	90	87	81	72	96
	5.00	99	98	96	92	88	86	80	73	94
	7.10	100	98	94	90	86	83	79	72	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	88	77	71	70	66	56	49	42	72
	0.25	86	75	68	66	61	53	45	38	68
	0.50	92	74	69	67	65	54	48	42	71
	0.75	95	72	68	66	65	54	48	42	72
800	0.00	96	91	88	83	83	77	67	60	87
	0.75	94	89	86	81	78	72	64	57	84
	1.50	96	87	85	81	80	75	66	59	84
	2.25	97	86	84	79	78	74	65	59	83
1050	0.00	106	96	97	90	89	87	76	69	95
	1.25	104	94	96	88	85	82	73	66	92
	2.75	110	93	93	88	85	86	74	68	92
	4.00	112	91	91	87	83	86	73	67	92
1400	0.00	113	106	104	98	95	95	87	78	102
	2.50	111	104	102	97	92	89	83	75	99
	5.00	117	105	100	96	92	92	85	76	100
	7.10	119	105	98	95	91	91	84	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	73	72	68	66	62	52	44	36	67
	0.25	73	70	66	63	59	51	43	35	65
	0.50	74	68	64	61	58	50	42	35	63
	0.75	75	66	61	58	56	49	42	34	61
800	0.00	85	86	84	80	78	72	63	55	83
	0.75	86	85	81	78	75	71	62	54	80
	1.50	86	85	80	76	73	69	61	54	79
	2.25	86	84	78	74	71	67	61	53	77
1050	0.00	91	92	91	87	84	82	72	64	90
	1.25	92	91	89	85	82	80	71	63	88
	2.75	92	91	87	83	79	78	70	63	86
	3.75	93	90	86	81	78	76	70	62	84
1400	0.00	97	98	98	95	92	90	83	74	97
	2.50	98	98	96	93	89	87	81	73	95
	5.00	99	98	95	91	87	85	80	72	93
	7.00	99	98	94	89	85	83	78	71	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	88	76	70	70	66	55	48	41	71
	0.25	85	74	68	65	60	52	44	36	67
	0.50	92	73	68	66	64	53	47	41	70
	0.75	95	71	67	65	65	53	48	42	72
800	0.00	95	90	87	83	82	76	66	59	86
	0.75	93	88	85	80	77	71	63	56	83
	1.50	96	87	84	80	79	74	65	59	84
	2.25	96	85	83	79	78	74	64	59	83
1050	0.00	105	96	96	89	88	87	75	68	94
	1.25	103	94	95	87	84	81	72	65	91
	2.75	109	92	92	87	84	85	73	67	92
	3.75	110	91	91	86	82	85	72	66	91
1400	0.00	112	106	103	98	95	94	86	77	101
	2.50	110	103	101	96	91	88	81	74	98
	5.00	117	105	99	95	91	91	84	76	99
	7.00	119	104	97	94	90	91	84	76	99

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	72	70	67	64	60	51	43	35	65
	0.25	72	68	64	61	57	49	41	34	63
	0.50	73	66	62	59	56	48	41	33	61
	0.75	74	64	59	56	54	47	40	32	59
800	0.00	84	84	82	79	76	71	62	54	81
	0.75	84	84	80	76	73	69	61	53	78
	1.25	84	83	79	75	72	68	60	52	77
	2.00	84	83	76	72	69	66	59	51	75
1050	0.00	90	90	89	86	83	81	71	63	88
	1.25	90	90	87	83	80	78	70	62	86
	2.50	91	89	86	81	78	76	69	61	84
	3.63	91	89	84	79	76	74	68	60	83
1400	0.00	96	96	96	93	90	88	81	72	96
	2.50	97	96	94	91	87	85	79	71	93
	5.00	97	96	93	89	85	83	78	70	91
	6.38	98	96	92	87	83	81	77	70	90

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
450	0.00	86	74	69	68	64	54	47	40	70
	0.25	83	72	65	62	57	50	42	34	65
	0.50	91	71	66	64	62	52	45	39	69
	0.75	96	69	66	64	64	52	47	42	72
800	0.00	94	89	86	81	80	74	65	58	85
	0.75	91	86	84	78	75	69	61	53	81
	1.25	94	85	83	79	78	73	63	57	82
	2.00	94	83	82	77	76	72	63	57	81
1050	0.00	104	94	95	87	87	85	74	67	92
	1.25	101	92	93	85	82	78	70	62	89
	2.50	107	90	91	85	82	83	72	65	90
	3.63	110	89	89	85	81	84	71	65	90
1400	0.00	111	104	101	96	93	92	84	76	100
	2.50	108	101	100	94	89	85	79	71	96
	5.00	116	103	97	94	89	89	82	74	97
	6.38	118	103	96	93	88	89	82	74	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1450	0.50	99	99	99	97	93	91	84	76	99
	1.50	98	99	99	96	93	90	84	75	98
	4.00	98	98	98	94	89	86	81	72	96
	7.00	101	99	96	91	87	85	80	73	94
1525	0.50	100	100	100	98	95	92	86	77	100
	2.00	99	100	100	97	94	91	85	77	99
	5.00	98	99	99	95	90	87	82	74	97
	8.50	102	100	97	92	88	85	82	75	95
1650	0.50	101	102	102	100	97	94	89	80	102
	2.00	101	101	102	100	96	93	88	79	102
	5.00	100	101	101	98	93	90	85	77	100
	8.50	103	102	99	95	91	88	85	78	98
1800	0.50	103	104	104	102	99	96	92	83	104
	4.00	103	103	103	101	97	93	90	81	103
	9.00	105	104	102	98	94	91	88	81	101
	11.80	106	105	101	97	92	89	87	80	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1450	0.50	113	107	104	100	96	95	87	79	103
	1.50	113	107	104	99	96	93	86	78	102
	4.00	110	104	102	97	92	88	82	74	99
	7.00	119	107	99	96	92	92	86	77	100
1525	0.50	115	109	105	101	97	96	89	80	104
	2.00	114	108	106	101	97	94	88	79	104
	5.00	111	106	103	98	92	88	82	75	100
	8.50	122	110	100	98	93	93	88	79	102
1650	0.50	116	112	107	104	99	98	92	83	106
	2.00	116	111	107	104	98	97	91	82	106
	5.00	113	109	105	101	95	92	86	78	103
	8.50	122	113	102	100	96	94	91	81	104
1800	0.50	118	115	109	107	101	100	96	86	109
	4.00	116	113	108	105	99	96	91	83	107
	9.00	123	118	105	103	98	96	95	84	107
	11.80	125	119	103	102	98	96	95	84	107

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1450	0.50	98	98	98	96	92	90	83	75	98
	1.50	97	98	98	95	91	88	82	74	97
	4.00	99	98	96	93	89	87	82	74	95
	7.00	100	98	95	90	86	84	80	73	93
1525	0.50	99	99	99	97	93	91	85	76	99
	2.00	98	99	99	96	92	89	84	75	98
	4.00	100	100	98	94	90	88	83	75	97
	7.00	101	100	97	92	88	86	82	74	95
1650	0.50	101	101	101	99	96	93	88	79	101
	2.00	100	101	101	98	94	91	87	78	100
	5.00	102	102	100	97	93	90	86	78	99
	8.50	103	102	99	94	90	87	84	77	97
1800	0.50	103	103	103	102	98	95	91	82	104
	4.00	103	103	102	100	96	93	90	81	102
	8.00	104	104	102	98	94	91	88	80	100
	11.60	105	104	101	96	92	89	86	79	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1450	0.50	113	106	103	99	95	94	86	78	102
	1.50	112	105	103	98	94	92	85	76	101
	4.00	109	103	101	96	90	86	80	73	98
	7.00	119	106	98	96	91	91	85	76	100
1525	0.50	114	108	105	100	96	95	88	79	103
	2.00	112	107	104	99	94	92	86	78	102
	4.00	111	105	103	98	92	88	83	75	100
	7.00	119	109	100	97	93	92	87	78	101
1650	0.50	115	111	106	103	98	97	92	82	105
	2.00	114	110	106	102	97	95	89	80	104
	5.00	112	108	104	101	94	90	85	77	102
	8.50	121	113	102	100	95	94	90	80	104
1800	0.50	117	114	108	106	100	99	95	85	108
	4.00	115	112	107	104	98	95	90	82	106
	8.00	122	117	105	103	98	96	94	83	107
	11.60	125	118	103	101	97	95	94	83	107

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1450	0.50	96	97	97	94	90	88	82	73	96
	1.50	96	96	96	93	89	86	80	72	95
	3.00	97	97	95	91	87	85	80	72	94
	5.00	98	97	94	90	86	84	79	72	93
1525	0.50	97	98	98	95	92	89	83	75	98
	2.00	98	98	97	94	90	88	83	74	96
	4.00	99	98	96	93	89	86	82	74	95
	7.00	100	98	95	90	86	84	80	73	93
1650	0.50	99	99	100	98	94	91	86	77	100
	2.00	100	100	99	96	93	90	86	77	99
	5.00	101	100	98	95	91	88	84	76	97
	8.50	101	100	97	92	88	85	82	75	95
1800	0.50	101	101	102	100	96	94	90	80	102
	4.00	102	102	101	98	94	91	88	79	100
	7.00	103	102	100	97	92	89	86	79	99
	10.60	103	103	99	95	90	87	84	78	97

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1450	0.50	111	105	102	97	93	92	85	76	100
	1.50	110	104	101	96	92	89	83	74	99
	3.00	108	102	100	95	89	86	80	72	97
	5.00	116	105	98	95	90	90	84	75	99
1525	0.50	112	107	103	99	94	93	87	78	102
	2.00	111	105	102	98	92	90	84	76	100
	4.00	116	107	100	97	93	92	86	77	100
	7.00	118	107	98	95	91	90	85	76	100
1650	0.50	114	110	105	101	96	95	90	80	104
	2.00	113	108	104	100	95	93	87	78	102
	5.00	118	111	102	99	95	94	89	80	103
	8.50	120	111	100	98	93	92	88	79	102
1800	0.50	116	113	107	104	98	98	93	83	106
	4.00	113	110	105	103	96	93	88	80	104
	7.00	120	115	103	101	96	95	93	82	105
	10.60	123	117	101	100	95	93	93	81	105

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	74	72	69	66	61	52	44	36	67
	0.25	73	71	66	63	58	50	41	33	64
	0.50	75	68	64	61	57	50	42	34	63
	0.75	76	66	62	59	56	49	42	34	61
700	0.00	86	86	83	80	78	71	62	54	83
	0.63	86	86	83	79	76	70	61	53	81
	1.25	85	86	81	76	72	67	58	50	79
	2.00	86	85	78	74	72	67	60	52	77
1050	0.00	95	95	94	91	88	86	76	68	93
	1.50	94	95	94	90	86	83	75	67	92
	3.00	96	94	91	87	84	82	74	66	90
	4.75	96	94	89	84	81	79	73	65	88
1273	0.00	99	99	99	96	93	91	83	74	98
	2.50	98	99	98	94	90	88	80	72	96
	5.00	100	99	96	92	88	86	80	72	95
	7.10	101	99	95	90	86	84	79	72	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	89	76	71	71	65	55	48	41	71
	0.25	86	74	68	66	60	52	44	36	68
	0.50	93	73	68	67	63	53	47	41	71
	0.75	97	72	67	67	64	53	48	43	73
700	0.00	94	91	86	83	83	74	66	59	86
	0.63	92	91	86	82	79	72	64	57	85
	1.25	90	88	83	78	74	68	60	52	81
	2.00	93	86	83	79	79	72	64	58	83
1050	0.00	109	99	100	92	92	90	79	72	97
	1.50	107	97	98	90	88	85	76	68	95
	3.00	112	96	96	91	88	89	77	71	95
	4.75	114	94	95	90	86	88	76	70	95
1273	0.00	114	106	104	98	96	95	86	78	103
	2.50	112	103	103	96	93	90	82	74	100
	5.00	118	104	101	96	92	93	84	76	100
	7.10	120	103	99	95	91	93	83	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	73	71	68	66	60	51	43	35	67
	0.25	74	69	65	63	58	50	42	34	64
	0.50	75	67	63	61	57	49	41	34	62
	0.75	75	65	61	58	55	48	40	33	60
700	0.00	86	86	83	80	78	70	62	54	82
	0.63	85	85	81	77	75	69	61	53	80
	1.25	85	85	79	76	73	68	60	52	79
	2.00	85	84	77	73	71	66	59	51	77
1050	0.00	94	95	94	90	87	85	75	67	93
	1.50	95	94	92	88	85	83	74	66	91
	3.00	95	94	90	86	83	81	73	66	89
	4.75	96	93	89	84	80	79	72	65	87
1273	0.00	98	99	98	95	92	90	82	74	98
	2.50	99	98	97	93	89	88	81	73	96
	5.00	100	98	95	91	87	85	79	72	94
	7.00	100	98	94	89	85	83	78	71	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	88	75	71	70	64	54	47	40	71
	0.25	85	73	67	64	59	51	43	35	67
	0.50	92	72	67	67	62	53	46	40	70
	0.75	97	71	67	67	63	53	48	42	73
700	0.00	93	90	86	83	82	74	65	58	86
	0.63	91	89	84	80	77	70	62	54	82
	1.25	92	87	84	80	80	72	64	57	83
	2.00	92	85	82	78	78	71	63	57	82
1050	0.00	108	99	99	92	91	90	78	71	97
	1.50	106	96	98	90	87	84	75	67	94
	3.00	112	95	96	90	87	88	76	70	95
	4.75	114	93	94	89	85	88	75	70	94
1273	0.00	113	105	104	98	96	95	85	77	102
	2.50	111	102	102	95	92	88	81	73	99
	5.00	117	103	100	95	91	92	83	76	100
	7.00	120	102	98	95	90	92	83	76	100

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	72	70	67	64	59	50	42	34	65
	0.25	72	67	63	61	56	48	40	33	62
	0.50	73	65	61	58	55	47	40	32	60
	0.63	74	64	60	57	54	47	39	31	59
700	0.00	84	84	81	78	76	69	60	52	80
	0.63	84	84	79	75	73	67	59	51	78
	1.13	84	83	78	74	72	66	59	51	77
	1.88	84	83	75	71	69	65	58	50	75
1050	0.00	92	93	92	89	86	84	74	66	91
	1.50	93	92	90	86	83	81	72	65	89
	2.75	94	92	89	84	81	79	72	64	87
	4.38	94	92	87	82	78	77	71	63	85
1273	0.00	97	97	97	94	91	89	80	72	96
	2.50	97	97	95	91	87	86	79	71	94
	5.00	98	97	93	89	85	83	78	70	92
	6.38	99	96	92	88	84	82	77	69	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	86	73	69	68	62	53	46	39	69
	0.25	83	71	65	62	56	48	41	33	64
	0.50	91	70	66	65	60	51	45	39	69
	0.63	93	69	65	64	60	51	45	39	70
700	0.00	92	89	84	81	80	72	64	57	84
	0.63	89	87	82	78	74	68	60	52	80
	1.13	91	86	82	78	78	71	62	56	82
	1.88	90	83	81	76	77	70	62	56	80
1050	0.00	107	97	97	90	90	88	76	69	95
	1.50	104	94	96	88	85	81	73	65	92
	2.75	110	94	94	88	86	87	75	68	93
	4.38	113	92	92	88	84	87	74	68	93
1273	0.00	111	103	102	96	94	93	84	76	100
	2.50	109	100	100	93	89	86	79	71	97
	5.00	116	101	98	94	89	91	81	74	98
	6.38	118	101	97	93	89	91	81	74	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

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100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1300	0.50	99	100	99	96	93	91	83	75	99
	1.50	99	100	99	96	93	90	83	74	98
	4.00	98	99	98	94	89	86	80	71	96
	7.00	101	99	95	91	87	85	80	72	94
1375	0.50	100	101	101	98	95	93	85	77	100
	1.50	100	101	100	98	94	92	85	76	100
	4.00	99	100	100	96	91	88	82	74	98
	7.00	102	101	97	93	89	87	82	75	96
1500	0.50	102	103	103	100	97	95	89	80	103
	3.00	102	102	102	100	96	93	87	79	102
	5.00	101	102	102	98	93	90	85	76	100
	8.50	104	103	100	95	91	89	85	77	98
1650	0.50	104	105	105	103	100	97	92	83	105
	4.00	104	104	104	102	97	94	90	81	103
	9.00	106	105	103	99	95	92	88	81	101
	12.00	107	105	102	97	93	90	87	80	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1300	0.50	114	106	105	99	96	95	86	78	103
	1.50	113	105	105	99	96	93	85	77	102
	4.00	111	103	103	96	91	87	81	73	99
	7.00	120	104	100	96	91	93	84	77	100
1375	0.50	115	108	106	101	98	96	88	80	104
	1.50	115	108	106	100	97	95	87	79	104
	4.00	112	105	104	98	93	90	83	76	101
	7.00	121	107	101	98	94	94	87	78	102
1500	0.50	117	111	108	104	100	99	92	83	107
	3.00	115	110	107	102	97	95	88	80	105
	5.00	114	108	106	101	95	92	86	78	103
	8.50	123	111	103	100	96	96	90	81	104
1650	0.50	119	115	110	107	102	101	95	86	109
	4.00	117	113	109	105	99	97	91	83	107
	9.00	124	116	106	104	99	98	94	84	107
	12.00	126	117	104	103	98	97	94	84	107

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1300	0.50	98	99	99	96	92	90	82	74	98
	1.50	98	99	98	95	91	88	81	73	97
	4.00	100	99	96	93	89	87	81	73	95
	7.00	101	99	95	90	86	84	79	72	93
1375	0.50	100	100	100	97	94	92	84	76	99
	1.50	99	100	100	96	92	90	83	75	99
	4.00	101	100	98	94	90	88	83	75	97
	7.00	102	100	97	92	88	86	81	74	95
1500	0.50	102	102	102	100	96	94	88	79	102
	3.00	102	102	101	98	94	92	86	78	100
	5.00	103	102	100	97	93	91	86	78	99
	8.50	104	102	99	95	90	88	84	77	97
1650	0.50	104	104	104	102	99	96	91	82	104
	4.00	104	104	103	100	96	94	90	81	102
	8.00	105	105	102	98	94	92	88	80	101
	11.80	106	105	101	97	92	89	86	80	99

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1300	0.50	113	105	104	98	95	94	85	77	102
	1.50	112	104	103	97	94	92	84	76	101
	4.00	110	102	102	95	90	86	80	72	98
	7.00	119	103	99	95	91	92	83	76	100
1375	0.50	114	107	105	100	97	95	87	79	103
	1.50	114	106	105	99	95	93	86	78	102
	4.00	111	104	103	97	92	88	82	74	100
	7.00	120	106	101	97	93	93	86	78	101
1500	0.50	116	111	107	103	99	98	91	82	106
	3.00	115	109	106	101	96	94	87	79	104
	5.00	113	107	105	100	94	90	85	77	102
	8.50	122	111	102	100	95	95	89	80	104
1650	0.50	118	114	109	106	101	100	95	85	108
	4.00	116	112	108	104	98	96	90	82	106
	8.00	123	115	106	103	99	97	94	84	107
	11.80	126	116	104	102	97	96	93	83	107

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1300	0.50	97	97	97	94	90	88	81	72	96
	1.50	97	97	96	93	89	87	80	72	95
	3.00	98	97	95	91	87	86	79	71	94
	5.00	99	97	94	90	86	84	78	71	93
1375	0.50	98	99	98	95	92	90	83	74	98
	1.50	98	98	98	95	91	88	81	73	97
	4.00	99	99	96	93	89	87	81	73	95
	7.00	100	98	95	90	86	84	79	72	93
1500	0.50	100	100	100	98	94	92	86	77	100
	3.00	101	100	99	96	92	90	85	76	98
	5.00	101	101	98	95	91	89	84	76	97
	8.50	102	101	97	93	88	86	82	75	95
1650	0.50	102	102	102	101	97	94	89	80	103
	4.00	103	103	101	98	94	92	88	79	101
	7.00	104	103	101	97	93	90	86	79	99
	10.80	104	103	100	95	91	88	85	78	98

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1300	0.50	111	104	102	96	94	92	83	75	100
	1.50	110	102	102	95	92	89	82	74	99
	3.00	109	101	101	94	89	85	79	71	97
	5.00	117	102	98	94	90	91	82	75	98
1375	0.50	113	106	104	98	95	94	86	77	102
	1.50	112	105	103	97	93	91	84	76	100
	4.00	116	105	101	97	93	93	85	77	100
	7.00	119	105	99	95	91	91	84	76	100
1500	0.50	115	109	105	101	97	96	89	80	104
	3.00	113	107	104	99	94	91	85	77	102
	5.00	119	109	103	99	95	95	88	79	103
	8.50	121	109	100	98	93	93	87	79	102
1650	0.50	117	113	108	104	99	98	93	83	107
	4.00	114	110	106	102	96	93	88	80	104
	7.00	121	114	104	102	97	96	92	82	105
	10.80	124	115	102	100	96	95	92	82	105

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

365 CLASS 1 | BELT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
350	0.00	74	71	68	66	59	50	42	35	66
	0.25	73	70	65	63	56	48	39	31	64
	0.50	75	67	63	61	56	48	41	33	62
	0.75	77	64	61	59	55	48	41	34	61
650	0.00	88	88	85	81	79	71	63	55	84
	0.88	87	88	83	78	76	69	60	52	81
	1.63	87	87	80	76	75	69	61	53	80
	2.25	87	86	79	75	73	68	60	53	78
950	0.00	96	96	95	91	88	85	75	68	94
	1.75	95	96	94	89	85	82	74	65	92
	3.50	97	95	91	87	84	81	74	66	90
	4.88	97	95	89	85	82	79	73	65	88
1151	0.00	100	100	100	96	93	92	82	74	99
	2.50	99	100	99	94	90	88	80	72	97
	5.00	101	99	96	92	88	87	80	72	95
	7.10	102	99	95	90	86	85	79	71	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
350	0.00	89	74	71	71	62	54	47	40	71
	0.25	86	72	68	65	58	50	42	35	67
	0.50	93	72	67	68	60	52	46	40	71
	0.75	99	71	67	69	62	53	48	43	75
650	0.00	94	93	87	85	84	75	66	59	88
	0.88	92	91	85	81	78	71	63	55	83
	1.63	92	89	85	81	82	73	65	59	85
	2.25	92	87	84	79	81	72	65	59	84
950	0.00	108	100	99	93	93	89	79	72	98
	1.75	106	98	98	91	88	84	75	68	94
	3.50	111	96	96	91	89	88	77	70	95
	4.88	112	95	95	90	87	88	76	70	95
1151	0.00	115	105	105	98	97	96	85	78	103
	2.50	112	103	104	96	93	90	82	74	100
	5.00	119	102	101	96	93	94	83	76	101
	7.10	121	100	100	96	91	94	82	76	101

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
350	0.00	73	71	68	66	58	50	42	34	66
	0.25	74	68	65	63	57	49	41	33	63
	0.50	75	66	62	60	55	48	40	32	61
	0.75	76	64	60	58	54	47	39	31	60
650	0.00	87	87	84	81	79	71	62	54	83
	0.88	87	87	81	78	76	69	61	53	81
	1.63	87	86	79	76	74	68	60	53	79
	2.13	87	86	78	74	72	67	60	52	78
950	0.00	95	96	94	91	88	85	75	67	93
	1.75	95	95	92	88	85	82	74	66	91
	3.50	96	94	90	86	83	80	73	65	89
	4.75	96	94	89	84	81	79	72	64	87
1151	0.00	99	100	99	96	93	91	81	73	98
	2.50	100	99	97	93	90	88	80	72	96
	5.00	101	99	96	91	87	86	79	71	94
	7.00	101	98	94	89	86	84	78	71	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
350	0.00	88	74	71	70	62	53	46	39	70
	0.25	85	71	67	63	57	49	41	34	66
	0.50	93	71	67	67	60	51	45	39	70
	0.75	99	70	66	69	61	53	48	43	74
650	0.00	94	92	86	84	83	74	66	59	87
	0.88	91	90	84	80	76	69	62	54	82
	1.63	92	88	84	80	81	72	64	58	84
	2.13	91	87	83	79	80	71	64	58	83
950	0.00	108	100	99	93	92	89	78	71	97
	1.75	105	97	97	90	87	82	74	67	93
	3.50	110	96	95	90	88	87	76	70	94
	4.75	112	94	94	89	87	87	76	70	94
1151	0.00	114	104	105	97	96	95	84	77	102
	2.50	112	102	103	95	92	89	81	73	99
	5.00	118	101	101	95	92	94	82	76	100
	7.00	121	100	99	95	90	94	82	76	100

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
350	0.00	72	69	66	64	57	48	40	32	64
	0.25	72	66	62	60	55	47	39	31	61
	0.38	73	65	62	59	54	46	39	31	61
	0.50	73	64	60	58	53	46	38	30	59
650	0.00	86	86	82	79	77	69	61	53	82
	0.63	85	85	80	77	75	68	60	52	79
	1.13	85	85	79	75	73	67	59	51	78
	2.00	85	84	76	72	70	65	58	50	76
950	0.00	93	94	93	89	86	83	73	65	92
	1.50	94	93	90	86	83	81	72	64	89
	2.75	94	93	89	85	82	79	72	64	88
	4.38	95	92	87	82	79	77	71	63	86
1151	0.00	97	98	97	94	91	90	80	72	97
	2.50	98	97	95	91	88	86	78	71	94
	5.00	99	97	94	89	85	84	77	70	92
	6.44	100	97	93	88	84	82	77	69	91

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
350	0.00	87	72	69	68	60	52	45	38	69
	0.25	83	70	64	61	54	47	39	31	63
	0.38	91	70	66	66	58	50	44	38	68
	0.50	92	69	65	65	58	50	44	38	69
650	0.00	92	90	85	83	82	72	64	57	85
	0.63	90	89	83	79	76	69	61	53	81
	1.13	90	87	83	79	80	71	63	57	83
	2.00	89	85	82	77	79	70	62	57	82
950	0.00	106	98	97	91	90	87	76	69	95
	1.50	103	96	95	88	85	81	73	65	92
	2.75	108	95	94	89	87	86	75	68	93
	4.38	110	93	92	88	85	86	74	68	92
1151	0.00	112	103	103	96	95	94	83	75	101
	2.50	109	100	101	93	90	86	79	71	97
	5.00	117	99	99	94	90	92	80	74	98
	6.44	119	98	97	93	89	92	80	74	99

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

365 CLASS 2 | BELT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1200	0.50	101	101	101	97	94	93	83	75	100
	1.50	100	101	100	97	94	91	83	75	99
	4.00	99	101	100	95	90	87	80	72	97
	7.00	102	100	97	92	88	86	81	73	95
1275	0.50	102	102	102	99	96	94	86	77	102
	1.50	102	102	102	99	95	93	85	77	101
	4.00	101	102	101	97	92	90	83	74	99
	7.00	103	102	99	94	90	89	83	75	97
1350	0.50	103	103	103	101	97	95	88	79	103
	3.00	103	103	103	100	96	93	86	78	102
	5.00	102	103	102	98	93	90	84	76	100
	9.00	105	103	100	95	91	89	84	77	98
1490	0.50	105	106	105	103	100	98	91	82	106
	4.00	105	105	105	102	98	95	89	81	104
	9.00	107	106	103	99	95	93	88	81	102
	12.00	107	106	102	97	93	91	87	80	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1200	0.50	115	106	106	99	98	96	86	79	104
	1.50	115	105	106	99	97	94	85	78	103
	4.00	112	103	104	96	93	88	82	74	100
	7.00	121	103	101	97	93	95	84	77	102
1275	0.50	117	108	108	101	99	98	89	81	105
	1.50	116	108	108	101	99	96	88	80	105
	4.00	114	106	106	99	95	91	84	76	102
	7.00	122	106	103	99	95	96	87	79	103
1350	0.50	118	111	109	103	100	99	91	82	107
	3.00	116	109	108	102	98	95	88	80	105
	5.00	115	108	107	101	96	92	85	78	103
	9.00	124	109	104	100	96	97	89	81	104
1490	0.50	120	114	111	106	103	102	95	86	110
	4.00	118	112	110	105	100	97	91	83	107
	9.00	125	114	107	104	99	99	93	84	107
	12.00	127	114	105	103	98	98	93	84	107

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1200	0.50	100	100	100	96	93	91	82	74	99
	1.50	99	100	99	96	92	90	82	73	98
	4.00	101	100	98	94	90	88	81	73	96
	7.00	102	100	96	91	87	86	80	72	94
1275	0.50	101	102	101	98	95	93	85	76	101
	3.00	102	101	100	96	93	91	84	76	99
	5.00	103	101	99	95	91	89	83	75	98
	8.50	103	101	97	92	88	87	82	74	95
1350	0.50	102	103	103	100	96	94	87	78	102
	3.00	103	103	101	98	94	92	86	78	100
	5.00	104	103	101	97	93	91	85	77	99
	8.50	104	103	99	95	91	89	84	76	97
1490	0.50	105	105	105	102	99	97	90	82	105
	4.00	105	105	104	100	97	95	89	81	103
	8.00	106	105	103	99	95	92	88	80	101
	11.70	107	105	101	97	93	90	86	79	100

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1200	0.50	114	105	105	98	97	95	85	78	103
	1.50	114	104	105	98	95	93	84	76	102
	4.00	111	102	103	95	91	87	80	73	99
	7.00	121	102	100	96	92	94	83	77	101
1275	0.50	116	108	107	100	98	97	88	80	104
	3.00	114	106	105	99	95	92	84	77	102
	5.00	120	106	104	99	95	96	87	79	103
	8.50	123	105	101	98	93	95	86	79	103
1350	0.50	117	110	108	102	99	98	90	82	106
	3.00	115	108	107	101	97	94	87	79	104
	5.00	114	107	106	100	95	90	84	77	102
	8.50	123	108	103	100	95	96	88	80	104
1490	0.50	119	113	110	106	102	101	94	85	109
	4.00	117	111	109	104	99	96	90	82	106
	8.00	124	114	106	103	99	99	93	84	107
	11.70	126	114	105	102	98	98	92	83	107

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1200	0.50	98	99	98	95	91	90	81	73	97
	1.50	98	99	98	94	90	88	80	71	96
	4.00	100	98	96	92	88	86	79	72	94
	7.00	101	98	94	89	85	83	78	71	92
1275	0.50	99	100	100	97	93	91	83	75	99
	1.50	99	100	99	96	92	89	82	74	98
	4.00	101	100	98	94	90	88	82	74	96
	7.00	102	100	96	91	87	86	80	73	94
1350	0.50	101	101	101	98	95	93	85	77	100
	3.00	102	101	99	96	92	90	84	76	98
	5.00	102	101	99	95	91	89	83	76	98
	8.50	103	101	97	93	88	86	82	74	95
1490	0.50	103	103	103	101	97	95	89	80	103
	4.00	104	103	102	98	95	92	87	79	101
	7.00	104	104	101	97	93	91	86	79	100
	10.80	105	104	100	95	91	89	85	78	98

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1200	0.50	113	104	104	97	95	93	84	76	101
	1.50	112	103	103	96	93	91	82	74	100
	4.00	117	102	101	96	92	93	83	76	100
	7.00	120	100	98	95	90	93	82	75	100
1275	0.50	114	106	105	99	96	95	86	78	103
	1.50	113	105	104	98	95	93	84	76	102
	4.00	111	103	103	96	91	87	81	73	99
	7.00	120	104	100	96	92	93	84	77	101
1350	0.50	115	108	106	101	98	96	88	80	104
	3.00	113	106	105	99	95	91	84	77	102
	5.00	119	107	103	99	95	96	87	79	103
	8.50	122	107	101	98	93	94	86	79	102
1490	0.50	118	112	108	104	100	99	92	83	107
	4.00	115	109	107	102	97	93	87	79	104
	7.00	122	112	105	102	97	97	91	82	105
	10.80	125	112	103	101	96	96	91	82	105

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

402 CLASS 1 | BELT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
230	0.00	68	63	61	57	47	39	31	24	57
	0.13	67	61	57	54	45	37	28	20	55
	0.25	69	59	56	53	45	38	30	22	54
	0.38	71	56	53	51	45	38	30	23	53
500	0.00	85	84	81	78	75	65	57	49	79
	0.50	85	84	79	76	72	64	56	48	78
	1.00	86	81	77	73	71	63	56	48	76
	1.50	86	79	75	71	69	63	55	47	74
725	0.00	93	93	90	87	85	78	69	62	90
	1.13	93	93	89	85	82	76	68	59	87
	2.50	93	92	86	82	80	75	68	60	85
	3.38	93	92	85	80	78	74	67	59	84
1044	0.00	101	101	100	97	94	92	82	74	99
	2.50	100	101	99	95	91	88	80	71	97
	5.00	102	100	97	92	89	87	80	72	95
	7.10	102	100	95	90	87	85	79	71	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
230	0.00	83	65	65	61	50	43	36	29	63
	0.13	80	63	60	55	47	39	32	24	59
	0.25	87	63	61	59	49	42	36	30	63
	0.38	92	62	60	61	49	44	38	33	67
500	0.00	99	89	82	82	79	68	61	54	84
	0.50	98	88	80	78	74	65	58	50	81
	1.00	103	86	81	78	78	66	60	54	83
	1.50	105	84	80	76	77	66	60	54	83
725	0.00	101	98	94	90	89	82	73	66	93
	1.13	99	96	92	87	84	78	70	62	90
	2.50	101	94	91	87	87	80	71	65	90
	3.38	100	92	90	85	86	79	71	65	90
1044	0.00	115	105	106	98	98	96	85	78	103
	2.50	112	103	104	96	94	90	82	74	100
	5.00	118	101	102	96	93	94	83	76	101
	7.10	120	100	100	96	92	94	82	76	101

445 CLASS 1 | BELT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
210	0.00	69	64	61	57	47	39	32	24	58
	0.13	68	61	58	54	45	37	28	20	55
	0.25	70	59	57	53	45	38	30	22	54
	0.38	72	57	54	51	45	38	30	23	53
500	0.00	88	87	84	81	78	68	60	52	83
	0.63	88	86	82	78	75	67	58	50	80
	1.25	89	84	80	76	74	66	59	51	79
	2.00	90	82	77	74	72	66	58	50	77
775	0.00	97	98	95	92	90	84	75	67	94
	1.50	97	97	95	91	88	82	74	66	93
	3.00	98	97	92	88	85	81	73	65	91
	4.75	98	96	90	85	83	79	72	64	89
944	0.00	101	102	100	97	94	91	81	73	100
	2.50	101	102	99	95	91	88	79	71	97
	5.00	102	101	97	93	90	87	79	72	96
	7.10	103	100	95	91	87	85	79	71	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
210	0.00	84	66	66	60	51	44	37	30	63
	0.13	81	63	61	55	47	40	32	24	59
	0.25	88	64	62	59	49	43	36	30	64
	0.38	92	63	62	60	49	44	38	33	68
500	0.00	103	92	85	85	82	71	64	57	87
	0.63	101	91	83	81	77	68	61	53	83
	1.25	106	89	84	81	81	69	63	57	86
	2.00	109	87	83	79	81	69	63	57	86
775	0.00	107	102	99	95	94	87	78	71	98
	1.50	105	101	97	92	89	83	75	68	95
	3.00	107	99	96	92	91	86	77	70	96
	4.75	107	97	95	90	90	85	76	70	94
944	0.00	114	106	105	99	99	95	84	77	103
	2.50	112	104	104	97	94	90	81	74	100
	5.00	116	102	102	97	95	94	83	76	101
	7.10	118	101	100	96	93	93	82	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
210	0.00	68	63	61	56	47	39	31	23	57
	0.13	69	61	58	54	46	38	30	22	55
	0.25	70	58	56	52	45	37	29	21	53
	0.38	71	56	53	50	44	36	28	21	52
500	0.00	87	86	83	80	78	68	60	52	82
	0.63	88	85	81	78	75	67	59	51	80
	1.25	89	83	79	76	73	66	58	50	78
	1.88	89	81	77	73	71	65	57	49	76
775	0.00	97	97	95	91	89	83	74	66	94
	1.50	97	97	93	89	87	82	73	65	92
	3.00	97	96	91	87	85	80	72	65	90
	4.63	97	96	89	85	82	78	72	64	88
944	0.00	101	101	100	97	94	90	81	73	99
	2.50	101	101	98	94	91	88	80	72	97
	5.00	102	100	96	92	89	86	79	71	95
	7.00	102	100	95	90	87	84	78	70	93

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
210	0.00	83	66	65	60	50	43	36	29	62
	0.13	80	62	60	54	46	38	31	23	58
	0.25	87	63	62	58	48	42	36	29	64
	0.38	92	62	62	60	49	43	38	33	67
500	0.00	102	91	85	84	82	70	63	56	86
	0.63	100	90	82	80	76	67	60	52	82
	1.25	106	88	83	80	80	69	62	56	85
	1.88	108	87	82	78	79	68	62	56	85
775	0.00	106	102	98	94	93	87	77	70	97
	1.50	104	100	96	91	88	82	74	67	94
	3.00	106	98	96	91	90	85	76	70	95
	4.63	107	96	94	90	89	85	75	70	94
944	0.00	113	106	105	98	98	94	84	77	103
	2.50	111	103	103	96	93	88	80	73	99
	5.00	116	102	101	96	94	93	82	76	100
	7.00	118	100	100	95	93	93	81	76	100

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
210	0.00	67	62	59	55	45	37	29	22	56
	0.13	67	58	56	52	44	36	28	20	53
	0.19	68	58	55	51	44	36	28	20	52
	0.25	68	56	54	50	43	35	27	20	52
500	0.00	86	85	81	79	76	66	58	50	80
	0.63	86	83	79	75	73	65	57	49	78
	1.25	87	81	77	74	71	64	56	49	76
	1.75	87	80	75	72	70	63	56	48	74
775	0.00	95	96	93	90	88	82	73	65	92
	1.25	95	95	91	87	85	80	72	64	90
	2.75	95	95	89	85	83	79	71	63	88
	4.25	96	94	87	83	81	77	70	62	87
944	0.00	99	100	98	95	92	89	79	71	97
	2.50	100	99	96	92	89	86	78	70	95
	5.00	100	99	94	90	87	84	77	69	93
	6.38	101	98	93	88	85	83	76	69	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
210	0.00	81	64	63	58	48	41	34	27	61
	0.13	78	60	57	52	44	36	28	20	56
	0.19	85	62	61	57	47	40	34	28	62
	0.25	86	61	60	56	46	40	34	28	62
500	0.00	100	90	83	83	80	69	62	55	85
	0.63	98	88	80	78	73	65	58	50	80
	1.25	105	86	81	78	78	67	61	55	84
	1.75	107	85	80	77	78	66	61	55	84
775	0.00	105	100	97	92	92	85	76	69	96
	1.25	102	98	95	90	87	81	73	65	93
	2.75	105	96	94	90	89	84	74	68	93
	4.25	105	95	93	88	88	83	74	68	92
944	0.00	112	104	103	97	96	93	82	75	101
	2.50	109	101	101	94	91	86	78	70	97
	5.00	115	100	99	94	92	91	80	74	98
	6.38	116	99	98	94	91	91	80	74	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

490 CLASS 1 | BELT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
190	0.00	69	64	62	56	47	39	31	23	58
	0.13	69	62	59	53	45	36	28	19	55
	0.25	71	60	57	53	45	37	30	22	54
	0.38	72	57	55	51	45	37	30	22	53
425	0.00	87	86	82	80	75	66	58	50	81
	0.63	87	84	80	77	72	64	55	47	78
	1.25	88	82	78	75	71	64	56	48	77
	1.75	89	80	76	73	70	63	55	48	75
650	0.00	97	97	93	90	88	80	72	64	93
	1.25	96	97	93	89	86	79	71	63	91
	2.50	96	96	90	86	84	78	70	63	89
	4.10	96	95	87	83	82	77	69	62	87
857	0.00	102	103	101	97	95	90	81	73	100
	2.50	102	103	100	95	92	88	79	71	98
	5.00	103	102	97	93	90	87	79	71	96
	7.10	103	101	95	91	88	85	78	71	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
190	0.00	84	67	66	60	50	43	36	29	63
	0.13	82	64	61	55	47	39	32	24	60
	0.25	89	64	63	58	49	42	36	30	65
	0.38	93	63	64	59	49	44	38	33	68
425	0.00	102	90	85	84	79	69	62	55	85
	0.63	100	88	82	79	74	66	58	50	81
	1.25	106	87	82	80	77	67	61	55	84
	1.75	109	85	81	79	77	67	61	55	85
650	0.00	103	102	96	94	93	84	75	68	96
	1.25	101	100	94	91	88	80	72	65	93
	2.50	102	98	94	90	91	82	74	68	94
	4.10	101	96	93	88	90	81	74	68	93
857	0.00	113	107	105	100	99	94	84	77	104
	2.50	111	105	103	97	95	89	81	73	100
	5.00	115	103	102	97	96	93	82	76	101
	7.10	116	102	101	96	95	92	82	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
190	0.00	69	64	61	55	46	38	31	23	57
	0.13	70	61	58	53	45	37	30	22	55
	0.25	70	59	56	52	44	37	29	21	54
	0.38	71	56	54	50	43	36	28	20	52
425	0.00	87	85	82	79	75	65	57	49	80
	0.63	87	83	79	76	72	64	56	48	78
	1.25	88	81	77	74	71	63	55	48	76
	1.63	88	80	75	72	69	63	55	47	75
650	0.00	96	96	93	90	88	80	71	63	92
	1.25	96	96	91	87	85	78	70	63	90
	2.50	96	95	89	85	83	77	70	62	88
	3.88	95	95	87	83	81	76	69	61	87
857	0.00	102	102	100	97	94	90	80	73	99
	2.50	102	102	98	94	92	88	79	72	97
	5.00	102	101	96	92	89	86	79	71	95
	7.00	103	101	95	90	87	84	78	70	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
190	0.00	84	66	66	59	50	43	36	29	63
	0.13	81	63	60	54	46	38	30	23	59
	0.25	88	63	63	57	48	42	36	29	64
	0.38	93	62	63	58	49	43	38	33	68
425	0.00	101	89	84	83	78	68	61	54	84
	0.63	99	87	81	78	73	65	57	49	80
	1.25	106	86	81	80	77	66	60	54	84
	1.63	107	85	80	79	76	66	60	54	84
650	0.00	103	101	95	93	92	83	75	68	96
	1.25	100	99	93	90	87	79	71	64	92
	2.50	101	97	93	90	90	81	73	67	93
	3.88	100	96	92	88	89	80	73	67	92
857	0.00	113	107	104	99	99	94	84	77	103
	2.50	110	104	103	96	93	88	80	72	99
	5.00	114	103	101	96	95	92	82	76	100
	7.00	115	101	100	96	94	92	81	76	100

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
190	0.00	67	62	60	54	45	37	29	21	56
	0.13	68	59	56	51	43	36	28	20	53
	0.19	69	58	56	51	43	35	28	20	52
	0.25	69	57	54	50	43	35	27	19	52
425	0.00	85	83	80	78	73	64	56	48	79
	0.50	86	81	78	75	71	63	55	47	76
	1.00	86	80	76	73	69	62	54	46	75
	1.50	87	78	74	71	68	61	53	45	73
650	0.00	95	95	91	88	86	78	70	62	91
	1.25	94	94	89	85	83	77	69	61	88
	2.50	94	94	87	83	81	76	68	60	86
	3.63	94	93	85	81	79	74	67	59	85
857	0.00	100	101	99	95	93	88	79	71	98
	2.50	100	100	96	92	89	86	78	70	95
	5.00	101	99	94	90	87	84	77	69	93
	6.38	101	99	93	89	86	83	76	68	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
190	0.00	82	65	64	57	48	41	34	27	61
	0.13	79	61	57	51	44	36	28	20	56
	0.19	86	62	61	56	47	40	34	28	62
	0.25	87	61	61	55	46	40	34	28	63
425	0.00	100	87	82	82	77	67	60	53	83
	0.50	97	86	79	77	71	63	56	48	79
	1.00	104	85	80	79	75	65	59	52	82
	1.50	106	83	79	77	74	64	58	52	82
650	0.00	101	99	94	91	91	81	73	66	94
	1.25	98	98	91	88	84	77	69	62	90
	2.50	99	96	92	88	88	79	72	66	92
	3.63	98	94	91	86	88	79	71	66	91
857	0.00	111	105	103	98	97	92	82	75	101
	2.50	108	102	101	94	91	86	78	70	97
	5.00	113	101	99	95	93	90	80	74	98
	6.38	114	99	98	94	92	90	80	74	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

542 CLASS 1 | BELT DRIVE - SOUND PERFORMANCE

100% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
170	0.00	70	64	62	55	46	38	31	23	58
	0.13	69	62	59	52	44	35	27	18	55
	0.19	69	60	57	51	43	34	25	16	53
	0.25	72	60	58	52	44	37	29	21	54
425	0.00	90	89	85	83	78	69	61	53	84
	0.63	90	88	84	81	76	68	60	52	82
	1.25	90	87	81	77	73	65	56	47	79
	1.88	92	84	80	77	74	66	59	51	79
610	0.00	98	98	95	92	90	81	73	65	94
	1.50	98	98	93	89	87	79	71	62	92
	3.00	98	98	91	87	85	79	71	63	90
	4.38	97	97	89	85	83	78	70	63	89
774	0.00	103	104	101	98	96	90	81	73	100
	2.50	103	103	100	95	93	87	79	70	98
	5.00	104	103	97	93	91	87	79	71	96
	7.10	104	102	96	91	89	85	78	71	95

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
170	0.00	85	68	67	58	50	43	36	29	63
	0.13	83	64	61	54	46	39	31	23	60
	0.19	82	62	58	52	44	37	29	21	58
	0.25	90	64	64	56	48	42	36	30	65
425	0.00	105	93	88	87	82	72	65	58	88
	0.63	104	93	87	85	79	71	63	56	86
	1.25	101	90	83	79	74	67	59	51	82
	1.88	110	89	84	83	80	70	64	58	88
610	0.00	104	103	97	95	94	84	76	69	98
	1.50	102	102	95	92	89	81	73	66	94
	3.00	101	100	95	91	93	82	75	69	95
	4.38	100	98	94	90	92	82	75	69	95
774	0.00	113	108	105	101	100	93	84	77	104
	2.50	110	106	103	98	95	89	81	73	101
	5.00	113	104	102	98	97	92	82	76	101
	7.10	113	103	101	96	96	91	82	76	100

80% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
170	0.00	70	64	62	54	46	38	30	22	57
	0.13	70	61	59	53	45	37	29	21	55
	0.19	71	60	58	52	44	36	29	21	54
	0.25	71	59	57	51	44	36	28	20	53
425	0.00	90	88	85	82	78	68	60	52	83
	0.63	90	86	83	80	76	67	59	52	81
	1.25	91	85	81	78	74	67	59	51	80
	2.00	91	83	78	76	72	66	58	50	78
610	0.00	98	98	94	91	89	81	72	64	94
	1.50	97	97	92	88	87	79	71	63	91
	3.00	97	97	90	86	85	78	70	63	89
	4.25	97	97	88	84	83	77	70	62	88
774	0.00	103	103	101	97	95	89	80	72	100
	2.50	103	103	98	95	92	87	79	71	97
	5.00	103	102	97	92	90	86	78	70	96
	7.00	103	102	95	91	88	84	77	70	94

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
170	0.00	84	67	66	58	49	42	35	28	63
	0.13	82	63	60	53	45	37	30	22	59
	0.19	88	64	64	56	48	42	35	29	64
	0.25	89	63	64	56	48	41	35	29	65
425	0.00	104	92	87	86	81	71	64	57	88
	0.63	102	91	85	82	77	68	61	53	84
	1.25	108	90	85	83	80	70	64	57	87
	2.00	110	88	83	82	79	69	63	57	87
610	0.00	103	103	96	95	94	84	76	69	97
	1.50	101	101	94	91	88	80	72	64	93
	3.00	101	99	94	91	92	82	74	68	95
	4.25	100	97	94	89	91	81	74	68	94
774	0.00	112	108	104	100	99	93	83	76	103
	2.50	110	106	102	97	94	88	80	72	100
	5.00	112	104	101	97	96	91	82	76	101
	7.00	113	102	100	96	96	91	81	76	100

50% Width

RPM	Nominal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
170	0.00	68	62	60	53	44	36	28	21	55
	0.13	69	59	57	51	43	35	27	19	53
	0.19	69	58	56	50	43	35	27	19	52
	0.25	70	57	55	49	42	34	26	19	52
425	0.00	88	87	83	81	76	67	59	51	82
	0.63	89	84	81	78	74	66	58	50	79
	1.25	89	83	79	76	72	65	57	49	78
	1.88	90	81	77	74	71	64	56	48	76
610	0.00	96	96	93	90	88	79	71	63	92
	1.25	96	96	90	87	85	78	70	62	90
	2.50	96	95	89	85	83	77	69	61	88
	4.00	95	95	86	82	81	76	68	60	86
774	0.00	101	102	99	96	94	88	79	71	98
	2.50	101	101	96	93	90	85	77	70	95
	5.00	101	100	95	90	88	84	76	69	94
	6.38	102	100	93	89	86	83	76	68	92

RPM	Nominal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
170	0.00	83	65	65	56	48	41	34	27	61
	0.13	80	61	57	51	43	35	27	19	57
	0.19	87	62	62	54	46	40	34	27	63
	0.25	88	61	62	54	46	40	34	28	63
425	0.00	103	91	86	85	80	70	63	56	86
	0.63	100	89	82	80	74	66	59	51	82
	1.25	107	88	83	82	78	68	62	56	85
	1.88	109	86	82	80	78	67	62	56	86
610	0.00	102	101	95	93	92	82	74	67	96
	1.25	99	100	93	89	86	78	71	63	92
	2.50	99	98	93	89	90	80	73	67	93
	4.00	98	96	92	87	90	80	73	67	93
774	0.00	110	106	103	98	98	91	82	75	102
	2.50	108	104	100	95	91	85	78	70	97
	5.00	111	102	99	95	94	89	80	74	99
	6.38	111	100	99	94	94	89	80	74	98

The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

SOUND POWER LEVELS GUIDE

Sound Power Levels

Since any mechanical device generates some sound energy into the air, fans will create some noise. Because of the great number of factors influencing sound output, it is invalid to compare fans based on RPM, tip speed, or outlet velocity. The only accurate basis of comparison is the sound power level generated by the fan at the required point of operation.

Having sound power levels for a specific fan at a specific operating point allows the system designer to determine the theoretical sound pressure level at any point in the occupied space. AMCA Publication 303 and the ASHRAE Guides provide more information on this process. Another typical application of sound power levels is to compare similar fans. Generally, differences of 6 dB in the 63 Hz band and 3 dB in all other bands are considered insignificant.

System designers use many methods to predict acoustic acceptability of an occupied space.

The A-weighted sound pressure level provides a single number that corresponds well to the human judgement of relative loudness. OSHA bases their requirements regarding exposure to noise on A-weighted sound pressure levels. The disadvantage of this method is that A-weighted sound pressure levels do not provide information as to the quality of the sound. Noise Criteria (NC) curves are also widely used. To determine the NC level, the sound power spectrum is compared to defined limits. Other methods include RC curves, Sones, SIL and Noise Rating Curves.

Each method relies on sound pressure level information because the human ear “hears” sound pressure fluctuations, not sound power (watts). Sound pressure is a function of the attenuation of the space and the distance from the source. Consider a 100 watt light bulb. It provides adequate light for a closet, but not for a classroom, and in a stadium it would be imperceptible. While the light source was the same power (100 watts), the brightness level changed dramatically. Similarly, the same sound power level (acoustical energy) produces greatly different sound pressure levels (noise).

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