

# LWP

## Wall Propeller Fans

TECHNICAL SPECIFICATIONS



PENNBARRY™

### BULLETIN LWP25

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# INTRODUCTION

## LWP Series Wall Mounted Propeller Fans

The LWP propeller fan line addresses the need for wall mounted exhaust and ventilation. Applications include garages, factories, warehouses, and other relatively clean air applications.

All propellers in the LWP product line are statically and dynamically balanced to AMCA Standard 204-96, Balance Quality and Vibration Levels for Fans, to ensure quiet and reliable operation.

All fans are fully assembled and test run prior to shipping.



# CERTIFICATIONS & LISTINGS



## LWP

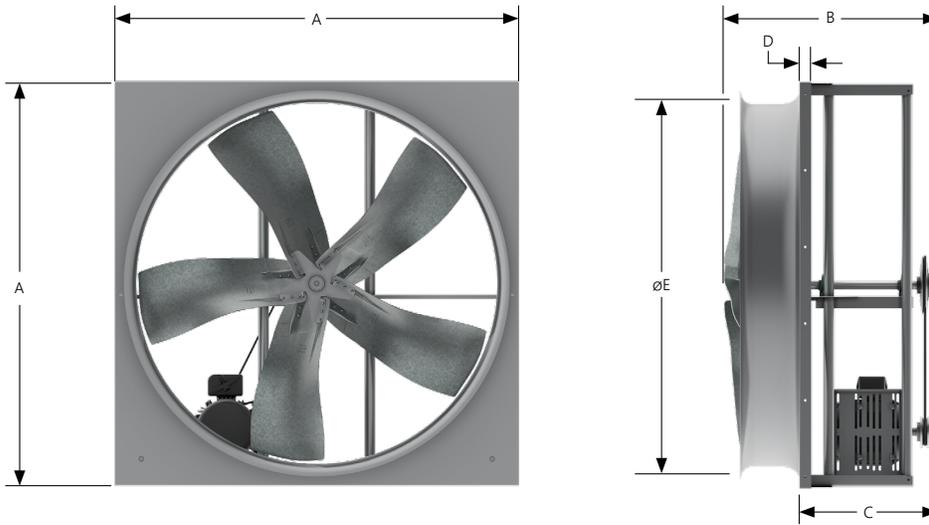
PennBarry certifies that the LWP models shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and AMCA publication 311 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Program seal applies to the FEI for direct drive LWP models only



## UL and cULus Certification

LWP fans carry the UL label, UL705, (ZACT/ZACT7), file #E28413

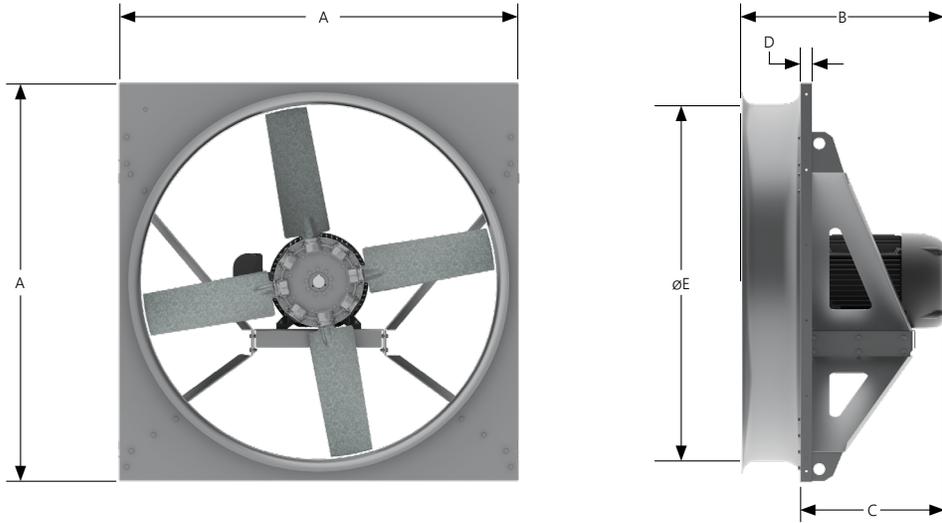
# LWP | BELT DRIVE



Size	A	B Max	C	D	E
20	26.00	21.13	16.38	2.00	20.25
24	32.00	22.00	16.38	2.00	24.30
30	38.00	26.38	20.25	2.00	30.31
36	44.00	27.63	19.75	2.00	36.38
42	50.00	28.88	19.75	2.00	42.44
48	56.00	31.25	21.00	2.00	48.50
54	62.00	34.00	22.63	2.00	56.56
60	68.00	35.75	22.88	2.00	60.38

All dimensions are in inches

# LWP | DIRECT DRIVE



Size	A	B Max	C	D	E	Max Mtr Frame Size	LESS MOTOR/DRIVE WEIGHT (lbs)
20	26.00	19.81	15.44	2.00	20.25	215T	40
24	32.00	26.69	21.43	2.00	24.30	215T	60
30	38.00	26.36	21.42	2.00	30.31	215T	68
36	44.00	29.80	23.87	2.00	36.38	256T	95
42	50.00	30.29	23.36	2.00	42.44	284T	109
48	56.00	30.78	22.85	2.00	48.50	286T	172
54	62.00	33.71	24.80	2.00	56.56	324T	220
60	68.00	34.44	24.52	2.00	60.63	324T	241

All dimensions are in inches

# LWP | 20 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)													
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000		
Level 1 Performance						Max Motor Frame 56						Max RPM L-1034 H-1861							
LWP-1L20	1/4	766	0.2	13 6/10	4011	3702	3369	2936											
		821	0.25	15 1/10	4299	3968	3663	3283											
		868	0.3	16 5/10	4545	4195	3909	3573	3019										
	1/3	840	0.27	15 6/10	4398	4060	3764	3401											
		901	0.33	17 6/10	4718	4355	4079	3764	3307										
		967	0.4	19 8/10	5063	4674	4417	4131	3780										
1/2	1034	0.5	22	5414	4998	4758	4497	4198	3763										
LWP-1H20	1/4	1149	0.2	17 8/10	6016	3114	2942	2763	2574	2357									
		1227	0.25	19 9/10	6425	3325	3165	2999	2826	2641	2413								
		1292	0.3	22	6765	3501	3349	3193	3031	2857	2663	2411							
	1/3	1259	0.27	21	6592	3412	3255	3095	2928	2748	2537								
		1352	0.33	24	7079	3664	3518	3371	3216	3054	2886	2674							
		1415	0.4	26	7409	3834	3695	3556	3408	3257	3097	2916	2550						
	1/2	1558	0.5	31	8158	4222	4096	3969	3838	3703	3565	3419	3169						
		1626	0.6	33	8514	4406	4285	4164	4040	3911	3782	3643	3426						
	3/4	1780	0.75	39	9320	4824	4713	4603	4492	4375	4257	4139	3949	3586					
		1861	0.9	42	9744	5043	4937	4832	4726	4616	4503	4391	4213	3894	3461				
Level 2 Performance						Max Motor Frame 56						Max RPM L-1256 H-1626							
LWP-2L20	1/2	1034	0.5	22	5414	4998	4758	4497	4198	3753									
		1084	0.6	24	5676	5239	5010	4768	4500	4157									
	3/4	1188	0.75	28	6220	5742	5533	5323	5079	4810	4482								
1256		0.9	31	6576	6071	5873	5675	5452	5221	4927	4519								
LWP-2H20	1/4	1149	0.2	17 8/10	6016	3114	2942	2763	2574	2357									
		1227	0.25	19 9/10	6425	3325	3165	2999	2826	2641	2413								
		1292	0.3	22	6765	3501	3349	3193	3031	2857	2663	2411							
	1/3	1259	0.27	21	6592	3412	3255	3095	2928	2748	2537								
		1352	0.33	24	7079	3664	3518	3371	3216	3054	2886	2674							
		1415	0.4	26	7409	3834	3695	3556	3408	3257	3097	2916	2550						
	1/2	1558	0.5	31	8158	4222	4096	3969	3838	3703	3565	3419	3169						
		1626	0.6	33	8514	4406	4285	4164	4040	3911	3782	3643	3426						

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 24 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)													
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000		
Level 1 Performance						Max Motor Frame 56						Max RPM L-875 H-1370							
LWP-1L24	1/4	571	0.2	12	2990	4769	4217												
		605	0.25	13 5/10	3168	5053	4539	3768											
		647	0.3	14 9/10	3388	5404	4931	4324											
	1/3	624	0.27	14 1/10	3267	5212	4717	4051											
		670	0.33	15 7/10	3508	5596	5144	4575											
		704	0.4	16 8/10	3686	5880	5457	4940											
	1/2	766	0.5	19	4011	6398	6010	5568	4989										
		812	0.6	21	4252	6782	6415	6007	5510										
34	875	0.75	23	4581	7308	6968	6601	6187	5618										
LWP-1H24	1/4	854	0.2	16 7/10	5366	3999	3723	3428	3101										
		904	0.25	18 2/10	5680	4233	3972	3696	3401	3037									
		957	0.3	19 6/10	6013	4481	4235	3976	3703	3390									
	1/3	934	0.27	19	5868	4374	4121	3855	3572	3238									
		985	0.33	20	6189	4612	4373	4123	3861	3574	3187								
		1048	0.4	22	6585	4907	4682	4450	4210	3951	3645								
	1/2	1147	0.5	25	7207	5371	5166	4958	4739	4512	4275	3987							
		1201	0.6	27	7546	5624	5427	5231	5022	4812	4585	4342	3858						
34	1321	0.75	32	8302	6187	6008	5830	5645	5454	5260	5054	4714							
	1370	0.9	34	8608	6415	6243	6071	5895	5711	5527	5331	5031	4312						
Level 2 Performance						Max Motor Frame 145T						Max RPM L-1167 H-1201							
LWP-2L24	3/4	875	0.75	23	4581	7308	6968	6601	6187	5618									
		920	0.9	25	4817	7684	7360	7021	6642	6170	5293								
	1	961	1	27	5032	8026	7716	7399	7037	6616	6023								
		1015	1.2	30	5315	8477	8184	7890	7551	7193	6748	5994							
	1 1/2	1107	1.5	35	5796	9246	8977	8707	8415	8100	7746	7339							
1167		1.8	39	6110	9747	9491	9236	8970	8672	8374	7995	7227							
LWP-2H24	1/4	854	0.2	16 7/10	5366	3999	3723	3428	3101										
		904	0.25	18 2/10	5680	4233	3972	3696	3401	3037									
		957	0.3	19 6/10	6013	4481	4235	3976	3703	3390									
	1/3	934	0.27	19	5868	4374	4121	3855	3572	3238									
		985	0.33	20	6189	4612	4373	4123	3861	3574	3187								
		1048	0.4	22	6585	4907	4682	4450	4210	3951	3645								
	1/2	1147	0.5	25	7207	5371	5166	4958	4739	4512	4275	3987							
1201		0.6	27	7546	5624	5427	5231	5022	4812	4585	4342	3858							

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 30 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)												
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000	
Level 1 Performance						Max Motor Frame 143T						Max RPM L-702 H-761						
LWP-1L30	1/4	419	0.2	8 9/10	3291	6576	5733											
		442	0.25	9 7/10	3471	6936	6146	4813										
		477	0.3	11 1/10	3746	7486	6766	5813										
	1/3	456	0.27	10 3/10	3581	7156	6395	5256										
		493	0.33	11 7/10	3872	7737	7046	6169										
		527	0.4	13 1/10	4139	8270	7637	6857										
	1/2	561	0.5	14 6/10	4406	8804	8214	7530	6505									
		602	0.6	16 3/10	4728	9447	8898	8278	7518									
	3/4	641	0.75	18 1/10	5034	10059	9543	8975	8309	7329								
		683	0.9	19 9/10	5364	10719	10234	9716	9143	8432								
1	702	1	21	5513	11017	10545	10049	9498	8822	7739								
LWP-1H30	1/4	497	0.2	11 9/10	3903	6019	5439	4721										
		528	0.25	13 6/10	4147	6395	5856	5205										
		564	0.3	15 4/10	4430	6831	6335	5753	4909									
	1/3	542	0.27	14 3/10	4257	6564	6043	5419	4399									
		585	0.33	16 3/10	4595	7085	6608	6067	5323									
		616	0.4	17 6/10	4838	7460	7007	6501	5898	4843								
	1/2	671	0.5	20	5270	8127	7710	7259	6747	6059								
		708	0.6	22	5561	8575	8180	7762	7304	6759	5877							
	3/4	761	0.75	25	5977	9217	8850	8473	8054	7580	6985	6090						
	Level 2 Performance						Max Motor Frame 145T						Max RPM L-955 H-1124					
LWP-2L30	1	702	1	21	5513	11017	10545	10049	9498	8822	7739							
		750	1.2	23	5890	11770	11329	10881	10366	9792	9081	7690						
	1 1/2	812	1.5	26	6377	12743	12335	11928	11469	10993	10415	9695						
		852	1.8	28	6692	13371	12982	12594	12171	11718	11216	10646	9158					
	2	891	2	30	6998	13983	13611	13240	12850	12417	11983	11439	10392					
955		2.4	34	7501	14987	14641	14294	13947	13549	13145	12715	11952						
LWP-2H30	3/4	761	0.75	25	5977	9217	8850	8473	8054	7580	6985	6090						
		815	0.9	28	6401	9871	9528	9185	8798	8396	7923	7286						
	1	836	1	29	6566	10125	9791	9457	9084	8703	8248	7697						
		895	1.2	33	7029	10839	10527	10216	9882	9525	9145	8714	7826					
	1 1/2	965	1.5	39	7579	11687	11398	11109	10816	10485	10155	9785	9185					
		1023	1.8	42	8035	12390	12117	11844	11571	11270	10958	10646	10088	8823				
	2	1066	2	45	8372	12910	12648	12387	12125	11846	11547	11248	10745	9678				
		1124	2.4	49	8828	13613	13364	13116	12868	12618	12334	12050	11617	10759	9400			

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 36 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)													
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000		
Level 1 Performance						Max Motor Frame 143T						Max RPM L-516 H-624							
LWP-1L36	1/3	342	0.27	8 7/10	3223	9274	8031												
		360	0.33	9 4/10	3393	9763	8592												
		385	0.4	10 7/10	3629	10441	9362	7800											
	1/2	418	0.5	12 5/10	3940	11335	10363	9136											
		440	0.6	13 7/10	4147	11932	11022	9903											
	3/4	475	0.75	15 7/10	4477	12881	12045	11084	9713										
		508	0.9	17 4/10	4788	13776	12994	12117	11051										
1	516	1	17 8/10	4863	13993	13223	12364	11332	9451										
LWP-1H36	1/3	404	0.27	11 4/10	3808	8455	7594	6459											
		435	0.33	13 2/10	4100	9104	8317	7362											
		456	0.4	14 5/10	4298	9543	8802	7918	6514										
	1/2	497	0.5	17 2/10	4684	10401	9727	8968	7985										
		521	0.6	18 7/10	4910	10903	10260	9546	8701	7293									
	3/4	568	0.75	22	5353	11887	11297	10661	9947	9022									
		599	0.9	24	5645	12536	11977	11387	10748	9977	8830								
1	624	1	25	5881	13059	12522	11966	11353	10646	9714									
Level 2 Performance						Max Motor Frame 145T						Max RPM L-697 H-828							
LWP-2L36	1	516	1	17 8/10	4863	13993	13223	12364	11332	9451									
		557	1.2	20	5250	15105	14392	13622	12751	11604									
	1 1/2	595	1.5	22	5608	16135	15468	14771	13992	13056	11697								
		626	1.8	24	5900	16976	16341	15699	14959	14135	13122	11146							
	2	656	2	26	6183	17790	17184	16579	15883	15161	14272	13009							
697		2.4	29	6589	18901	18332	17762	17133	16468	15703	14867								
LWP-2H36	1	624	1	25	5881	13059	12522	11966	11353	10646	9714								
		660	1.2	27	6220	13812	13305	12795	12215	11593	10892	9827							
	1 1/2	707	1.5	31	6663	14796	14322	13848	13324	12782	12151	11430	9720						
		758	1.8	35	7144	15863	15421	14979	14512	14006	13484	12873	11685						
	2	789	2	37	7436	16512	16088	15663	15227	14741	14256	13693	12731						
828		2.4	40	7804	17328	16924	16519	16114	15657	15195	14710	13871	11705						

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 42 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)													
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000		
Level 1 Performance						Max Motor Frame 143T						Max RPM L-404 H-477							
LWP-1L42	1/3	263	0.27	7 4/10	2892	11326	9329												
		282	0.33	8 3/10	3101	12144	10364												
		301	0.4	9 3/10	3310	12962	11321												
	1/2	318	0.5	10 3/10	3497	13694	12158	9691											
		343	0.6	11 8/10	3771	14771	13371	11557											
	3/4	370	0.75	13 6/10	4068	15933	14663	13086											
		386	0.9	14 7/10	4244	16622	15421	13963	11478										
1	404	1	15 9/10	4442	17397	16250	14929	12991											
LWP-1H42	1/3	308	0.27	9 1/10	3387	10236	8891	6438											
		332	0.33	10 5/10	3651	11033	9802	8023											
		358	0.4	12 3/10	3936	11897	10772	9385											
	1/2	378	0.5	13 7/10	4156	12562	11510	10238	7970										
		406	0.6	15 7/10	4464	13492	12530	11405	9792										
	3/4	433	0.75	17 8/10	4761	14390	13487	12475	11238	8821									
		464	0.9	20	5102	15420	14578	13654	12583	11045									
1	477	1	21	5245	15852	15033	14143	13129	11752	9075									
Level 2 Performance						Max Motor Frame 184T						Max RPM L-733 H-869							
LWP-2L42	1	404	1	15 9/10	4442	17397	16250	14929	12991										
		433	1.2	17 8/10	4761	18646	17576	16372	14905										
	1 1/2	461	1.5	19 8/10	5069	19852	18847	17744	16459	14597									
		487	1.8	22	5355	20972	20020	19002	17873	16477									
	2	506	2	23	5564	21790	20874	19914	18845	17548	15624								
		532	2.4	25	5850	22909	22038	21151	20135	18988	17530								
	3	585	3	29	6432	25192	24400	23607	22721	21797	20690	19364							
		614	3.6	31	6751	26441	25686	24931	24116	23235	22278	21171	18563						
	5	689	5	38	7576	29670	28998	28325	27652	26887	26102	25291	23811						
		733	6	42	8060	31565	30933	30301	29668	28993	28255	27518	26249	23381					
LWP-2H42	1	477	1	21	5245	15852	15033	14143	13129	11752	9075								
		509	1.2	24	5597	16915	16148	15335	14451	13390	11732								
	1 1/2	547	1.5	28	6015	18178	17464	16732	15916	15001	13873	12161							
		582	1.8	30	6399	19341	18670	17998	17238	16451	15523	14274	10583						
	2	601	2	32	6608	19973	19323	18672	17949	17206	16328	15292	12900						
		644	2.4	35	7081	21402	20795	20188	19542	18848	18118	17279	15595						
	3	688	3	40	7565	22864	22296	21728	21152	20503	19854	19125	17946	14318					
		737	3.6	45	8104	24493	23962	23432	22902	22321	21715	21109	20037	17646					
	5	822	5	55	9038	27317	26842	26366	25891	25415	24882	24338	23523	21907	19620	14685			
		869	6	61	9555	28879	28429	27980	27530	27080	26607	26093	25322	23891	22154	19499			

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 48 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)													
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000		
Level 1 Performance						Max Motor Frame 143T						Max RPM L-326 H-387							
LWP-1L48	1/2	260	0.5	9 3/10	3267	16713	14537												
		270	0.6	9 9/10	3393	17356	15275												
	3/4	295	0.75	11 8/10	3707	18963	17095	14545											
		315	0.9	13 2/10	3958	20248	18529	16367											
	1	326	1	14 1/10	4097	20955	19311	17277											
LWP-1H48	1/2	283	0.4	10 1/10	3556	14039	12380	9819											
		308	0.5	11 9/10	3870	15279	13779	11878											
		329	0.6	13 6/10	4134	16321	14937	13262											
	3/4	349	0.75	15 3/10	4386	17313	16028	14511	12256										
		374	0.9	17 5/10	4700	18553	17359	16014	14294										
		1	387	1	18 6/10	4863	19198	18044	16758	15228									
Level 2 Performance						Max Motor Frame 184T						Max RPM L-592 H-696							
LWP-2L48	1	326	1	14 1/10	4097	20955	19311	17277											
		341	1.2	15 2/10	4285	21920	20366	18501	15538										
	1 1/2	373	1.5	17 7/10	4687	23977	22557	20951	18973										
		389	1.8	19	4888	25005	23644	22128	20312	17141									
	2	407	2	21	5115	26162	24861	23439	21794	19463									
		427	2.4	22	5366	27448	26207	24882	23415	21595									
	3	468	3	26	5881	30083	28952	27803	26483	25005	23166								
		494	3.6	28	6208	31754	30682	29610	28383	27113	25540	23348							
	5	551	5	34	6924	35418	34457	33496	32478	31357	30208	28798	25960						
		592	6	38	7439	38054	37159	36265	35370	34335	33291	32156	30188						
LWP-2H48	1	387	1	18 6/10	4863	19198	18044	16758	15228										
		409	1.2	21	5140	20289	19197	18002	16624	14670									
	1 1/2	438	1.5	23	5504	21728	20708	19621	18423	16989	14606								
		470	1.8	27	5906	23315	22365	21383	20297	19052	17431								
	2	483	2	28	6070	23960	23035	22093	21036	19866	18466	16312							
		517	2.4	33	6497	25647	24783	23919	22949	21961	20767	19266							
	3	554	3	38	6962	27482	26676	25870	25001	24080	23079	21965	19588						
		594	3.6	41	7464	29466	28714	27963	27192	26333	25473	24483	22810						
	5	660	5	48	8294	32741	32064	31387	30710	29984	29211	28437	27117	24275					
		696	6	53	8746	34526	33885	33243	32601	31948	31215	30482	29342	27124	23432				

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 54 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)												
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000	
Level 1 Performance						Max Motor Frame 145T						Max RPM L-301 H-362						
LWP-1L54	3/4	227	0.6	9 1/10	3209	20776	17963											
		240	0.75	10 2/10	3393	21966	19333											
		256	0.9	11 5/10	3619	23430	20996	17447										
	1	267	1	12 4/10	3775	24437	22126	19138										
		285	1.2	14	4029	26084	23958	21306										
1 1/2	301	1.5	15 4/10	4255	27549	25569	23172	19160										
LWP-1H54	3/4	268	0.6	11 5/10	3789	18929	16982	14382										
		287	0.75	13 2/10	4057	20271	18479	16293										
		304	0.9	14 8/10	4298	21472	19804	17816	14655									
	1	316	1	15 9/10	4467	22320	20729	18873	16213									
		339	1.2	18 2/10	4792	23944	22462	20803	18816									
	1 1/2	362	1.5	21	5118	25569	24180	22659	20900	18387								
Level 2 Performance						Max Motor Frame 184T						Max RPM L-479 H-575						
LWP-2L54	1 1/2	301	1.5	15 4/10	4255	27549	25569	23172	19160									
		325	1.8	17 5/10	4595	29745	27912	25824	23134									
	2	337	2	18 6/10	4764	30844	29076	27088	24665									
		354	2.4	20	5005	32400	30716	28860	26675	23415								
	3	379	3	23	5358	34688	33116	31435	29571	27265								
		407	3.6	25	5754	37250	35786	34281	32573	30595	27932							
	5	455	5	31	6432	41643	40334	39024	37559	36032	34202	32010						
		479	6	33	6772	43840	42596	41352	40012	38561	36994	35169	31032					
LWP-2H54	1 1/2	362	1.5	21	5118	25569	24180	22659	20900	18387								
		383	1.8	23	5415	27052	25740	24332	22762	20791								
	2	397	2	24	5612	28041	26775	25437	23985	22235	19546							
		420	2.4	27	5938	29665	28469	27236	25869	24312	22314							
	3	458	3	33	6475	32349	31252	30155	28921	27659	26143	24206						
		483	3.6	36	6828	34115	33075	32034	30900	29711	28376	26938	23495					
	5	542	5	46	7662	38282	37355	36428	35498	34439	33379	32221	30300					
		575	6	50	8129	40613	39739	38865	37991	37037	36038	35039	33281	29377				

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP | 60 BELT DRIVE

Model	Motor HP	Fan RPM	Max BHP	Max Sones	Tip Speed	CFM/Static Pressure (Inches WG)												
						0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.375	0.500	0.625	0.750	1.000	
Level 2 Performance						Max Motor Frame 184T						Max RPM L-406 H-487						
LWP-2L60	1 1/2	238	1.2	12 4/10	3738	29880	26993	23147										
		257	1.5	14 3/10	4037	32266	29647	26384										
		268	1.8	15 4/10	4210	33647	31168	28147	22696									
	2	280	2	16 6/10	4398	35153	32789	30042	25914									
		301	2.4	18 7/10	4728	37790	35590	33111	30073									
	3	320	3	21	5027	40175	38106	35829	33157	29210								
		341	3.6	23	5356	42812	40870	38795	36492	33644								
	5	376	5	27	5906	47206	45445	43663	41609	39326	36533	31094						
		406	6	31	6377	50972	49342	47711	45876	43974	41660	38780						
	LWP-2H60	1 1/2	281	1.2	15 7/10	4414	27226	25235	22891	19475								
306			1.5	18 4/10	4807	29648	27823	25783	23343									
322			1.8	20	5058	31198	29464	27556	25335	22039								
2		335	2	22	5262	32458	30791	28983	26927	24156								
		354	2.4	24	5561	34298	32721	31047	29217	27037	23507							
3		380	3	28	5969	36818	35348	33839	32159	30260	27861	24263						
		407	3.6	32	6393	39434	38062	36690	35137	33526	31630	29067						
5		454	5	40	7131	43987	42757	41528	40224	38819	37359	35659	32333					
		487	6	46	7650	47185	46038	44892	43740	42430	41120	39683	37307					

Performance certified is for installation type A: free inlet, free outlet. Power rating does not include transmission losses. Performance ratings do not include appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# LWP 20-0537 DIRECT DRIVE

Maximum RPM 1750	Max HP: 2.00	Outlet Area (Sq.Ft.): 2.18	Wheel Diameter (in): 20	Tip Speed: 5.24 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI															
350	1.4	1833	1304																						
			0.01	3.69																					
506	3.8	2647	1877																						
			0.03	3.69																					
661	7.7	3462	2451		1522																				
			0.06	3.48	0.07	2.79																			
817	9.1	4276	3024		2485																				
			0.11	2.75	0.13	2.62																			
972	13	5091	3597		3157		2507																		
			0.19	2.13	0.22	2.15	0.23	2.09																	
1128	20.1	5905	4171		3802		3368		2356																
			0.29	1.67	0.34	1.73	0.35	1.85	0.34	1.64															
1283	20.1	6720	4748		4391		4027		3586																
			0.42	1.35	0.44	1.54	0.47	1.63	0.5	1.65															
1439	23.4	7534	5326		4992		4669		4342		3879														
			0.59	1.11	0.58	1.32	0.63	1.42	0.67	1.48	0.7	1.49													
1594	27.2	8348	5903		5581		5284		5014		4685		4235												
			0.8	0.92	0.76	1.15	0.83	1.24	0.87	1.31	0.91	1.36	0.94	1.37											
1750	38.6	9163	6481		6186		5957		5695		5433		5139		4746		3993								
			1.05	0.77	1.08	0.91	1.12	1.02	1.16	1.12	1.2	1.19	1.24	1.25	1.27	1.27	1.26	1.21							

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 20-0542 DIRECT DRIVE

Maximum RPM 1750			Max HP: 2.00				Outlet Area (Sq.Ft.): 2.18				Wheel Diameter (in): 20				Tip Speed: 5.24 x RPM				Max Motor Frame Size: 215T					
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"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	1.7	1833	1461																					
			0.02	3.02																				
506	3.9	2647	2143																					
			0.05	3.63																				
661	7.7	3462	2825		1965																			
			0.09	3.11	0.09	2.9																		
817	10.4	4276	3507		2879																			
			0.16	2.43	0.17	2.48																		
972	14.6	5091	4189		3717		3058																	
			0.26	1.88	0.26	2.1	0.28	2.01																
1128	18	5905	4871		4516		3946																	
			0.39	1.47	0.39	1.76	0.43	1.73																
1283	23.5	6720	5549		5257		4781		3705															
			0.58	1.16	0.59	1.39	0.62	1.48	0.66	1.5														
1439	28.2	7534	6226		5974		5578		4709		4139													
			0.82	0.93	0.81	1.15	0.85	1.26	0.9	1.39	0.93	1.36												
1594	32.9	8348	6902		6662		6333		5574		5182		4656											
			1.12	0.76	1.08	0.98	1.15	1.07	1.18	1.25	1.21	1.28	1.26	1.26										
1750	38	9163	7579		7396		7120		6416		6079		5742		5283									
			1.49	0.64	1.55	0.75	1.58	0.87	1.57	1.08	1.59	1.15	1.62	1.19	1.67	1.19								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 24-0527 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 3.14	Wheel Diameter (in): 24	Tip Speed: 6.28 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"SP			
			CFM		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
350	1.5	2199	1604																							
			0.01	-2.36																						
506	7.4	3176	2278		586																					
			0.02	4.18	0.04	2.13																				
661	8.1	4154	2951		1763																					
			0.05	4.33	0.07	3.18																				
817	12.9	5131	3624		2797		1385																			
			0.1	3.55	0.12	3.17	0.13	2.04																		
972	17	6109	4297		3673		2735		1388																	
			0.16	2.81	0.18	2.81	0.21	2.41	0.22	1.57																
1128	21	7086	4970		4411		3768		2764		1598															
			0.25	2.23	0.26	2.41	0.3	2.27	0.32	1.95	0.34	1.38														
1283	23.5	8063	5661		5242		4718		4083		3095															
			0.36	1.81	0.39	1.97	0.44	1.99	0.47	1.94	0.49	1.7														
1439	29.9	9041	6353		5965		5558		5064		4395		2515													
			0.5	1.49	0.51	1.72	0.58	1.76	0.63	1.78	0.66	1.73	0.71	1.27												
1594	37	10018	7045		6708		6308		5909		5411		3921		3024		2326									
			0.68	1.24	0.65	1.52	0.76	1.56	0.82	1.61	0.87	1.62	0.92	1.45	0.95	1.25	0.99	1.05								
1750	44.5	10996	7737		7463		7135		6807		6424		5384		4673		3853		3142		2595					
			0.89	1.04	0.96	1.17	1.03	1.3	1.09	1.38	1.14	1.45	1.22	1.47	1.25	1.41	1.27	1.27	1.31	1.12	1.36	0.99				

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 24-0530 DIRECT DRIVE

Maximum RPM 1750			Max HP: 5.00				Outlet Area (Sq.Ft.): 3.14				Wheel Diameter (in): 24				Tip Speed: 6.28 x RPM				Max Motor Frame Size: 215T						
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"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	
350	1.5	2199	1790																						
			0.01	0.76																					
506	7.4	3176	2568		668																				
			0.04	4.49	0.05	2.07																			
661	8.1	4154	3345		2110																				
			0.08	3.81	0.09	3																			
817	12.9	5131	4123		3290		1548																		
			0.15	2.91	0.16	2.81	0.18	1.79																	
972	17	6109	4900		4230		3317		1585																
			0.24	2.23	0.25	2.39	0.29	2.15	0.3	1.37															
1128	21	7086	5677		5082		4485		3339		1779														
			0.38	1.73	0.37	2.01	0.42	1.95	0.44	1.73	0.46	1.17													
1283	23.5	8063	6470		5990		5529		4889		3805														
			0.55	1.38	0.57	1.6	0.62	1.66	0.66	1.66	0.67	1.52													
1439	29.9	9041	7264		6819		6405		5942		5327		2824												
			0.78	1.12	0.76	1.38	0.83	1.45	0.89	1.5	0.93	1.5	0.94	1.09											
1594	37	10018	8059		7669		7269		6869		6413		4879		3401		2602								
			1.06	0.92	0.97	1.2	1.08	1.27	1.16	1.33	1.22	1.37	1.27	1.31	1.25	1.07	1.31	0.89							
1750	44.5	10996	8853		8540		8227		7851		7476		6537		5786		4534		3532		2906				
			1.4	0.77	1.45	0.9	1.5	1.02	1.57	1.13	1.63	1.2	1.72	1.27	1.73	1.25	1.7	1.12	1.72	0.96	1.8	0.83			

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 24-0533 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 3.14	Wheel Diameter (in): 24	Tip Speed: 6.28 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI														
350	1.5	2199	1923																							
			0.02	2.27																						
506	3.7	3176	2775																							
			0.04	4.46																						
661	8.1	4154	3627		2414																					
			0.1	3.54	0.11	2.93																				
817	12.9	5131	4479		3669		1701																			
			0.18	2.64	0.2	2.64	0.21	1.68																		
972	14.9	6109	5331		4653		3787																			
			0.3	1.99	0.31	2.2	0.35	2.03																		
1128	19.1	7086	6183		5599		4974		3891																	
			0.47	1.53	0.46	1.82	0.51	1.8	0.54	1.66																
1283	23.5	8063	7049		6560		6089		5492		4441															
			0.69	1.21	0.7	1.43	0.75	1.51	0.79	1.55	0.81	1.46														
1439	27.6	9041	7917		7452		7021		6590		6018															
			0.98	0.97	0.94	1.22	1.01	1.31	1.07	1.37	1.12	1.4														
1594	34.6	10018	8784		8365		7994		7570		7147		5722		3720											
			1.34	0.8	1.21	1.05	1.32	1.13	1.41	1.21	1.47	1.26	1.54	1.25	1.47	0.99										
1750	39	10996	9652		9303		8954		8606		8257		7385		6688		5236									
			1.77	0.67	1.8	0.8	1.85	0.92	1.91	1.02	1.97	1.09	2.07	1.18	2.09	1.18	2.02	1.07								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 24-0536 DIRECT DRIVE

Maximum RPM 1750			Max HP: 5.00				Outlet Area (Sq.Ft.): 3.14				Wheel Diameter (in): 24				Tip Speed: 6.28 x RPM				Max Motor Frame Size: 215T					
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"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
350	1.5	2199	2110																					
			0.02	3.46																				
506	3.7	3176	3066																					
			0.05	4.35																				
661	8.1	4154	4022		2863																			
			0.12	3.26	0.14	2.87																		
817	11.2	5131	4979		4160																			
			0.23	2.37	0.24	2.47																		
972	14.9	6109	5935		5234		4418																	
			0.39	1.76	0.38	2.01	0.43	1.92																
1128	19.1	7086	6892		6272		5657		4756															
			0.6	1.35	0.57	1.64	0.64	1.66	0.67	1.6														
1283	23.5	8063	7861		7324		6851		6294		5401													
			0.89	1.06	0.88	1.28	0.93	1.38	0.98	1.43	1.01	1.41												
1439	27.6	9041	8831		8360		7928		7447		6920													
			1.26	0.85	1.18	1.08	1.26	1.17	1.33	1.26	1.39	1.3												
1594	33.3	10018	9801		9321		8949		8577		8152		6932											
			1.72	0.69	1.55	0.93	1.66	1.01	1.74	1.09	1.82	1.16	1.92	1.2										
1750	40.2	10996	10771		10421		10013		9663		9313		8497		7914		6806							
			2.28	0.58	2.29	0.69	2.33	0.82	2.39	0.92	2.44	0.99	2.56	1.1	2.59	1.12	2.56	1.09						

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 24-0540 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 3.14	Wheel Diameter (in): 24	Tip Speed: 6.28 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI														
350	3	2199	2322																							
			0.02	4.18																						
506	6.3	3176	3398																							
			0.07	4.22																						
661	10.3	4154	4475		3426																					
			0.15	3.04	0.17	2.78																				
817	13.8	5131	5551		4764																					
			0.28	2.17	0.31	2.22																				
972	17.8	6109	6627		5967		5229																			
			0.48	1.59	0.52	1.71	0.55	1.79																		
1128	23.3	7086	7703		7144		6560		5805																	
			0.75	1.21	0.83	1.31	0.83	1.48	0.86	1.52																
1283	28.8	8063	8790		8221		7720		7177		6428															
			1.12	0.95	1.08	1.16	1.14	1.28	1.2	1.35	1.23	1.36														
1439	32.3	9041	9878		9365		8899		8478		7964															
			1.58	0.76	1.47	0.97	1.55	1.08	1.62	1.16	1.68	1.22														
1594	40.3	10018	10966		10436		10075		9661		9248		8164													
			2.16	0.62	1.94	0.84	2.05	0.92	2.14	1.01	2.22	1.08	2.35	1.16												
1750	51	10996	12053		11656		11259		10919		10522		9784		9273		8536									
			2.87	0.51	2.85	0.62	2.88	0.74	2.92	0.83	2.99	0.92	3.1	1.03	3.16	1.07	3.18	1.08								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 24-0545 DIRECT DRIVE

Maximum RPM 1750			Max HP: 5.00				Outlet Area (Sq.Ft.): 3.14				Wheel Diameter (in): 24				Tip Speed: 6.28 x RPM				Max Motor Frame Size: 215T							
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"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		
350	3	2199	2588																							
			0.03	4.66																						
506	6.3	3176	3814																							
			0.08	4.08																						
661	10.3	4154	5040		4012																					
			0.19	2.84	0.21	2.72																				
817	13.8	5131	6266		5468																					
			0.35	2	0.38	2.11																				
972	17.8	6109	7492		6786		6085																			
			0.6	1.46	0.64	1.61	0.66	1.71																		
1128	23.3	7086	8718		8094		7521		6828																	
			0.94	1.1	1	1.23	1.01	1.39	1.05	1.46																
1283	28.8	8063	9953		9341		8841		8301		7683															
			1.4	0.86	1.34	1.06	1.4	1.18	1.46	1.28	1.51	1.32														
1439	39	9041	11189		10615		10142		9711		9236		7557													
			1.98	0.68	1.84	0.88	1.92	1	1.99	1.09	2.06	1.16	2.12	1.19												
1594	44.6	10018	12425		11870		11441		11060		10631		9676		8961											
			2.71	0.56	2.44	0.75	2.55	0.84	2.64	0.93	2.72	1.01	2.87	1.11	2.9	1.13										
1750	56.2	10996	13660		13189		12769		12402		12087		11301		10881		10305		9361							
			3.61	0.46	3.55	0.57	3.57	0.68	3.61	0.77	3.66	0.84	3.79	0.98	3.85	1.02	3.9	1.06	3.88	1.05						

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 30-0527 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 4.91	Wheel Diameter (in): 30	Tip Speed: 7.85 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	2.9	2749	2713																							
			0.02	4.48																						
506	10.4	3971	3959		1548																					
			0.06	5.21	0.07	2.83																				
661	10.9	5192	5204		3835																					
			0.13	3.93	0.16	3.29																				
817	16.8	6414	6449		5448		3973																			
			0.24	2.88	0.29	2.66	0.29	2.43																		
972	30.5	7636	7695		6887		5901		2756																	
			0.4	2.15	0.48	2.08	0.5	2.16	0.52	1.45																
1128	35	8858	8940		8258		7499		5256		3696															
			0.62	1.64	0.76	1.63	0.77	1.79	0.78	1.74	0.8	1.42														
1283	48.9	10079	10204		9590		8950		7308		6167		4673		3463											
			0.91	1.3	1.04	1.38	1.07	1.53	1.12	1.67	1.13	1.6	1.15	1.38	1.19	1.13										
1439	51.9	11301	11469		10966		10409		9122		8317		7352		6070		4789									
			1.27	1.06	1.54	1.08	1.52	1.26	1.58	1.47	1.6	1.51	1.61	1.49	1.62	1.38	1.66	1.2								
1594	75.3	12523	12735		12373		11849		10690		10151		9433		8537		7556		5243		4353					
			1.73	0.87	2.27	0.81	2.1	1.03	2.15	1.28	2.17	1.34	2.2	1.39	2.21	1.4	2.22	1.36	2.29	1.11	2.36	0.98				
1750	75.9	13744	14001		13605		13110		12120		11625		11031		10338		9645		7665		6477		5487			
			2.29	0.72	2.4	0.84	2.51	0.96	2.67	1.15	2.73	1.22	2.78	1.28	2.82	1.32	2.84	1.34	2.88	1.26	2.91	1.15	2.95	1.03		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 30-0529 DIRECT DRIVE

Maximum RPM 1750			Max HP: 5.00			Outlet Area (Sq.Ft.): 4.91			Wheel Diameter (in): 30			Tip Speed: 7.85 x RPM			Max Motor Frame Size: 215T											
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		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
350	2.9	2749	3634																							
			0.04	5.87																						
506	10.4	3971	5250		2080																					
			0.1	4.52	0.12	2.53																				
661	10.9	5192	6867		5473																					
			0.23	3.09	0.25	2.97																				
817	16.8	6414	8483		7352		5914																			
			0.43	2.17	0.45	2.35	0.49	2.2																		
972	30.5	7636	10099		9174		8176		3194																	
			0.73	1.58	0.71	1.87	0.79	1.88	0.86	1.05																
1128	35	8858	11716		10883		10140		7828		4360															
			1.13	1.2	1.06	1.51	1.18	1.56	1.28	1.57	1.28	1.06														
1283	48.9	10079	13393		12705		12034		10587		9539		6952		4500											
			1.69	0.93	1.66	1.14	1.77	1.25	1.91	1.41	1.94	1.43	1.89	1.23	2.01	0.87										
1439	51.9	11301	15076		14372		13837		12652		11898		11041		9665		6195									
			2.4	0.74	2.22	0.98	2.39	1.06	2.6	1.22	2.68	1.29	2.72	1.32	2.71	1.29	2.68	0.95								
1594	75.3	12523	16759		16064		15589		14519		13923		13328		12616		11668		6365		5177					
			3.29	0.6	2.87	0.85	3.13	0.91	3.44	1.07	3.55	1.14	3.63	1.19	3.68	1.23	3.71	1.24	3.66	0.84	3.86	0.71				
1750	75.9	13744	18442		17920		17399		16486		16095		15573		15052		14400		12835		11009		7749			
			4.38	0.5	4.48	0.6	4.58	0.71	4.77	0.88	4.84	0.94	4.92	1.02	4.99	1.07	5.04	1.12	5.06	1.17	4.96	1.12	4.92	0.87		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 30-0530 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 4.91	Wheel Diameter (in): 30	Tip Speed: 7.85 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	2.9	2749	3480																							
			0.03	5.76																						
506	10.4	3971	5035		1967																					
			0.1	4.61	0.11	2.55																				
661	10.9	5192	6589		5209																					
			0.21	3.18	0.24	3.02																				
817	16.8	6414	8144		7061		5569																			
			0.4	2.24	0.42	2.41	0.45	2.23																		
972	30.5	7636	9698		8743		7788		3012																	
			0.67	1.64	0.67	1.91	0.74	1.92	0.8	1.07																
1128	35	8858	11253		10376		9664		7289		4202															
			1.05	1.24	1	1.55	1.1	1.6	1.18	1.58	1.19	1.09														
1283	48.9	10079	12862		12198		11555		9986		8895		6318		4319											
			1.56	0.97	1.54	1.17	1.64	1.28	1.78	1.44	1.8	1.44	1.76	1.21	1.87	0.89										
1439	51.9	11301	14475		13799		13285		12045		11323		10401		8779		5843									
			2.21	0.77	2.06	1.01	2.21	1.08	2.42	1.25	2.49	1.31	2.52	1.34	2.5	1.28	2.5	0.96								
1594	64	12523	16088		15421		14966		13825		13254		12683		11886		10864		5996							
			3.03	0.63	2.66	0.88	2.89	0.93	3.21	1.1	3.3	1.17	3.37	1.21	3.42	1.25	3.43	1.25	3.42	0.85						
1750	75.9	13744	17701		17201		16700		15824		15323		14823		14322		13696		11819		9816		7313			
			4.03	0.52	4.13	0.63	4.24	0.73	4.41	0.9	4.5	0.98	4.57	1.04	4.63	1.1	4.67	1.14	4.68	1.18	4.56	1.09	4.6	0.88		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 30-0533 DIRECT DRIVE

Maximum RPM 1750			Max HP: 5.00				Outlet Area (Sq.Ft.): 4.91				Wheel Diameter (in): 30				Tip Speed: 7.85 x RPM				Max Motor Frame Size: 215T									
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP					
			CFM		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		
350	3.1	2749	3225																									
			0.03	5.51																								
506	9.4	3971	4676		1772																							
			0.08	4.78	0.1	2.57																						
661	10.8	5192	6128		4719																							
			0.18	3.37	0.21	3.1																						
817	16.3	6414	7579		6468		4925																					
			0.34	2.39	0.37	2.5	0.39	2.26																				
972	20.1	7636	9030		8081		7130																					
			0.58	1.76	0.59	2.01	0.65	2																				
1128	36	8858	10482		9668		8859		6358		3784																	
			0.91	1.34	0.87	1.63	0.97	1.68	1.03	1.6	1.05	1.13																
1283	50.2	10079	11976		11324		10738		9232		8053		5934		4168													
			1.34	1.05	1.51	1.14	1.53	1.28	1.59	1.47	1.6	1.47	1.57	1.27	1.67	0.97												
1439	52.5	11301	13473		12954		12390		11172		10419		9567		8035		5928											
			1.9	0.84	2.3	0.85	2.21	1.03	2.26	1.26	2.28	1.33	2.29	1.36	2.26	1.3	2.27	1.07										
1594	76.9	12523	14970		14520		13998		12961		12441		11816		10977		10022		6492		5338							
			2.6	0.68	3.38	0.66	3.1	0.84	3.1	1.07	3.12	1.15	3.15	1.21	3.16	1.26	3.14	1.26	3.13	1	3.27	0.86						
1750	77.6	13744	16467		16002		15536		14604		14139		13556		12974		12276		10296		8317		6687					
			3.45	0.57	3.55	0.67	3.65	0.78	3.83	0.96	3.9	1.03	3.98	1.1	4.03	1.15	4.07	1.19	4.05	1.19	3.99	1.06	4.05	0.91				

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 30-0535 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 4.91	Wheel Diameter (in): 30	Tip Speed: 7.85 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	3.1	2749	3225																							
			0.03	5.51																						
506	9.4	3971	4676		1784																					
			0.08	4.78	0.1	2.58																				
661	10.8	5192	6128		4724																					
			0.18	3.37	0.21	3.1																				
817	16.3	6414	7579		6472		4882																			
			0.34	2.39	0.37	2.5	0.39	2.25																		
972	20.1	7636	9030		8084		7137																			
			0.58	1.76	0.59	2.01	0.65	2																		
1128	36	8858	10482		9671		8865		6374		3810															
			0.91	1.34	0.87	1.63	0.97	1.67	1.03	1.6	1.05	1.13														
1283	50.2	10079	11976		11327		10743		9159		8068		5958		4198											
			1.34	1.05	1.51	1.14	1.53	1.28	1.59	1.47	1.6	1.47	1.57	1.27	1.66	0.97										
1439	52.5	11301	13473		12956		12394		11181		10431		9488		8057		5958									
			1.9	0.84	2.3	0.85	2.21	1.03	2.26	1.26	2.28	1.33	2.29	1.36	2.26	1.3	2.27	1.08								
1594	76.9	12523	14970		14522		14002		12968		12451		11828		10992		10041		6525		5271					
			2.6	0.68	3.38	0.66	3.1	0.84	3.09	1.07	3.12	1.15	3.15	1.21	3.16	1.26	3.14	1.26	3.13	1	3.28	0.85				
1750	77.6	13744	16467		16002		15536		14604		14139		13556		12974		12276		10296		8317		6687			
			3.45	0.57	3.55	0.67	3.65	0.78	3.83	0.96	3.9	1.03	3.98	1.1	4.03	1.15	4.07	1.19	4.05	1.19	3.99	1.06	4.05	0.91		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 30-0538 DIRECT DRIVE

Maximum RPM 1750	Max HP: 5.00	Outlet Area (Sq.Ft.): 4.91	Wheel Diameter (in): 30	Tip Speed: 7.85 x RPM	Max Motor Frame Size: 215T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	3.1	2749	3839																							
			0.04	5.98																						
506	9.4	3971	5538		2259																					
			0.11	4.42	0.13	2.54																				
661	10.8	5192	7236		5866																					
			0.25	2.98	0.28	2.93																				
817	16.3	6414	8935		7804		6474																			
			0.48	2.08	0.49	2.3	0.53	2.19																		
972	30.6	7636	10634		9656		8754		3418																	
			0.8	1.52	0.78	1.82	0.86	1.84	0.94	1.02																
1128	36	8858	12333		11454		10669		8578		4743															
			1.25	1.15	1.16	1.46	1.29	1.53	1.4	1.56	1.39	1.05														
1283	50.2	10079	14102		13380		12774		11346		10335		8091		4843											
			1.86	0.89	1.82	1.1	1.93	1.2	2.08	1.37	2.12	1.41	2.08	1.29	2.19	0.85										
1439	52.5	11301	15878		15249		14574		13437		12754		11961		10728		6641									
			2.65	0.71	2.39	0.93	2.63	1.03	2.84	1.19	2.92	1.26	2.98	1.3	2.98	1.3	2.91	0.94								
1594	76.9	12523	17654		17044		16421		15418		14915		14288		13536		12661		6831		5453					
			3.64	0.57	3.05	0.81	3.43	0.88	3.75	1.03	3.86	1.1	3.96	1.16	4.03	1.21	4.07	1.23	3.98	0.83	4.22	0.68				
1750	77.6	13744	19430		18880		18468		17506		17094		16545		15995		15446		13934		12698		8302			
			4.85	0.48	4.94	0.58	5.02	0.66	5.22	0.84	5.3	0.91	5.39	0.99	5.47	1.05	5.52	1.1	5.57	1.16	5.51	1.15	5.34	0.85		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 36-0334 DIRECT DRIVE

Maximum RPM 1750	Max HP: 10.00	Outlet Area (Sq.Ft.): 7.07	Wheel Diameter (in): 36	Tip Speed: 9.42 x RPM	Max Motor Frame Size: 256T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.38"SP		0.50"SP		0.62"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.50"SP		1.62"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	3.9	3299	5718																							
			2.18	0.35																						
506	10.3	4765	8402		3305																					
			2.19	0.48	2.21	0.28																				
661	14.3	6231	11086		8514																					
			2.19	0.62	2.25	0.6																				
817	24.3	7697	13770		11663		3452																			
			2.19	0.75	2.24	0.8	2.48	0.36																		
972	31.8	9163	16453		14570		10318		4892																	
			2.19	0.88	2.23	0.99	2.19	1.05	2.38	0.58																
1128	39.4	10629	19137		17539		14455		12142		7209															
			2.19	1.01	2.22	1.15	2.24	1.4	2.19	1.4	2.24	0.97														
1283	56.4	12095	21812		20409		17934		16533		14780		7275		4838											
			3.13	0.81	2.99	1.02	3.14	1.24	3.15	1.32	3.12	1.35	3.25	0.84	3.61	0.57										
1439	61.9	13561	24485		23292		21104		19920		18738		14796		10861		7334									
			4.42	0.64	3.93	0.86	4.31	1.05	4.37	1.14	4.4	1.2	4.3	1.23	4.27	1.01	4.63	0.71								
1594	80.6	15027	27159		26034		24052		22957		22081		19456		17705		15078		11144		5685					
			6.03	0.52	5.02	0.75	5.7	0.9	5.83	0.99	5.9	1.05	5.94	1.16	5.89	1.18	5.78	1.12	5.83	0.9	6.7	0.48				
1750	89.2	16493	29833		28869		27181		26458		25494		23565		22360		21154		19467		14163		10788			
			7.99	0.43	8.03	0.54	8.13	0.72	8.17	0.79	8.2	0.88	8.23	1.01	8.21	1.06	8.16	1.1	8.06	1.11	7.87	0.96	8.21	0.76		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 36-0337 DIRECT DRIVE

Maximum RPM 1750	Max HP: 10.00	Outlet Area (Sq.Ft.): 7.07	Wheel Diameter (in): 36	Tip Speed: 9.42 x RPM	Max Motor Frame Size: 256T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.38"SP		0.50"SP		0.62"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.50"SP		1.62"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	3.9	3299	5881																							
			1.3	0.58																						
506	10.3	4765	8608		3431																					
			1.36	0.77	1.38	0.45																				
661	14.3	6231	11336		8716																					
			1.47	0.91	1.5	0.91																				
817	18.6	7697	14063		11956																					
			1.65	0.99	1.67	1.09																				
972	28	9163	16791		15060		10594																			
			1.91	1.02	1.89	1.18	1.9	1.24																		
1128	39.4	10629	19518		17890		14835		12443		7662															
			2.27	0.99	2.19	1.21	2.28	1.42	2.25	1.41	2.28	1.01														
1283	50.7	12095	22248		21059		18651		17141		15327		8328													
			3.3	0.78	3.54	0.88	3.43	1.17	3.41	1.27	3.37	1.31	3.43	0.9												
1439	61.9	13561	24978		24036		21855		20675		19492		15925		12493		9055									
			4.66	0.62	5.43	0.65	4.96	0.95	4.92	1.06	4.89	1.14	4.74	1.2	4.67	1.06	4.93	0.81								
1594	70.8	15027	27708		26898		25050		23933		23001		20567		19061		16975		13724							
			6.35	0.51	7.99	0.5	6.94	0.77	6.83	0.89	6.78	0.97	6.67	1.1	6.59	1.13	6.48	1.12	6.42	1						
1750	89.2	16493	30438		29506		27874		26941		26008		24143		22978		21579		19947		14118		11087			
			8.41	0.42	8.43	0.52	8.5	0.7	8.54	0.79	8.57	0.86	8.6	0.99	8.58	1.04	8.53	1.08	8.45	1.09	8.31	0.91	8.65	0.74		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 36-0339 DIRECT DRIVE

Maximum RPM 1750	Max HP: 10.00	Outlet Area (Sq.Ft.): 7.07	Wheel Diameter (in): 36	Tip Speed: 9.42 x RPM	Max Motor Frame Size: 256T
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RPM	Max Sones	Tip Speed	0.00" SP		0.12" SP		0.38" SP		0.50" SP		0.62" SP		0.88" SP		1.00" SP		1.12" SP		1.25" SP		1.50" SP		1.62" SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	4.3	3299	6009																							
			0.6	1.21																						
506	8.3	4765	8772																							
			0.7	1.44																						
661	14.5	6231	11536		8917																					
			0.9	1.46	0.91	1.47																				
817	19.1	7697	14299		12219																					
			1.22	1.34	1.21	1.5																				
972	28.2	9163	17062		15270		10906																			
			1.69	1.16	1.63	1.39	1.67	1.44																		
1128	35.9	10629	19826		18312		15205		12789																	
			2.34	0.97	2.19	1.23	2.32	1.42	2.3	1.41																
1283	44.9	12095	22599		21439		18966		17534		15706															
			3.43	0.76	3.64	0.87	3.54	1.16	3.53	1.25	3.49	1.29														
1439	62.7	13561	25373		24403		22221		21062		19901		16234		12651											
			4.84	0.61	5.5	0.65	5.1	0.95	5.06	1.05	5.04	1.12	4.91	1.18	4.86	1.03										
1594	76.7	15027	28148		27268		25336		24377		23418		21010		19387		17248		13745							
			6.6	0.5	7.96	0.51	7.09	0.78	7.01	0.88	6.97	0.96	6.88	1.08	6.8	1.12	6.7	1.1	6.66	0.96						
1750	98.8	16493	30922		30016		28205		27299		26620		24582		23449		22091		20505		14391		11221			
			8.74	0.41	8.75	0.51	8.81	0.7	8.84	0.78	8.86	0.84	8.89	0.97	8.88	1.02	8.84	1.06	8.77	1.07	8.65	0.89	9.01	0.72		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 36-0340 DIRECT DRIVE

Maximum RPM 1750	Max HP: 10.00	Outlet Area (Sq.Ft.): 7.07	Wheel Diameter (in): 36	Tip Speed: 9.42 x RPM	Max Motor Frame Size: 256T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	4.3	3299	6104																							
			0.07	6.82																						
506	8.3	4765	8894																							
			0.21	4.19																						
661	14.5	6231	11685		9012																					
			0.47	2.65	0.46	2.74																				
817	21.6	7697	14476		12420		9707																			
			0.9	1.8	0.87	2.07	0.88	1.99																		
972	26.2	9163	17266		15517		13769																			
			1.52	1.29	1.44	1.59	1.49	1.67																		
1128	35.9	10629	20057		18531		17113		13062																	
			2.39	0.97	2.21	1.24	2.31	1.35	2.35	1.41																
1283	48.6	12095	22863		21727		20464		17724		15888		12755													
			3.53	0.75	3.72	0.86	3.64	1.03	3.61	1.24	3.58	1.27	3.52	1.18												
1439	55.9	13561	25671		24679		23520		21359		20089		18554		16351											
			4.98	0.6	5.55	0.66	5.26	0.83	5.17	1.04	5.15	1.12	5.11	1.17	5.04	1.16										
1594	65.3	15027	28478		27547		26684		24715		23738		22619		21213		19646									
			6.79	0.49	7.94	0.52	7.4	0.65	7.15	0.87	7.11	0.95	7.07	1.02	7.02	1.08	6.96	1.1								
1750	90.4	16493	31285		30400		29515		27746		26861		25976		24870		23764		20667		18234		14473			
			8.99	0.4	8.99	0.5	9	0.59	9.06	0.76	9.09	0.84	9.11	0.9	9.11	0.97	9.11	1.01	9	1.06	8.9	1.02	8.91	0.87		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 42-0435 DIRECT DRIVE

Maximum RPM 1200	Max HP: 10.00	Outlet Area (Sq.Ft.): 9.62	Wheel Diameter (in): 42	Tip Speed: 11 x RPM	Max Motor Frame Size: 284T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI														
350	6.5	3848	7379																							
			0.01	9.77																						
444	11.4	4887	9491		4810																					
			0.07	9.77	0.08	6.49																				
539	14.7	5925	11602		8188																					
			0.23	4.82	0.26	4.13																				
633	19.7	6964	13714		10986		7251																			
			0.47	3.08	0.52	2.93	0.5	2.57																		
728	25.2	8002	15826		13631		10666		6907																	
			0.79	2.19	0.88	2.21	0.86	2.22	0.83	1.83																
822	32.1	9041	17938		16117		13590		10775		7165															
			1.21	1.66	1.36	1.72	1.33	1.85	1.29	1.81	1.26	1.47														
917	37.8	10079	20087		18354		16178		13753		10834															
			1.7	1.34	1.73	1.54	1.79	1.63	1.76	1.68	1.72	1.6														
1011	43.8	11118	22259		20692		18810		16658		14233															
			2.28	1.11	2.22	1.35	2.38	1.42	2.39	1.5	2.31	1.55														
1106	50.5	12156	24432		22962		21187		19412		17341		12455													
			2.99	0.93	2.78	1.2	3.06	1.26	3.14	1.33	3.07	1.42	2.97	1.36												
1200	57.1	13195	26552		25264		23816		22207		20437		16575		14322		11586									
			3.83	0.8	3.86	0.97	4.04	1.07	4.17	1.15	4.16	1.24	3.93	1.35	3.91	1.31	3.96	1.16								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 42-0438 DIRECT DRIVE

Maximum RPM 1200	Max HP: 10.00	Outlet Area (Sq.Ft.): 9.62	Wheel Diameter (in): 42	Tip Speed: 11 x RPM	Max Motor Frame Size: 284T
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RPM	Max Sones	Tip Speed	0.00" SP		0.12" SP		0.25" SP		0.38" SP		0.50" SP		0.75" SP		0.88" SP		1.00" SP		1.12" SP		1.25" SP		1.38" SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI														
350	6.5	3848	8040																							
			0.12	5.89																						
444	11.4	4887	10330		5269																					
			0.24	4.23	0.25	2.95																				
539	14.7	5925	12620		9130																					
			0.43	3.08	0.46	2.81																				
633	19.7	6964	14909		12232		7970																			
			0.7	2.31	0.76	2.3	0.73	1.99																		
728	25.2	8002	17199		15047		11912		7537																	
			1.07	1.78	1.17	1.85	1.14	1.89	1.12	1.49																
822	32.1	9041	19489		17659		15152		12032		7913															
			1.56	1.41	1.72	1.5	1.68	1.64	1.63	1.61	1.64	1.26														
917	37.8	10079	21813		20056		17967		15352		12058															
			2.16	1.15	2.16	1.35	2.23	1.46	2.21	1.51	2.16	1.41														
1011	43.8	11118	24160		22457		20714		18537		16062															
			2.91	0.95	2.8	1.18	2.93	1.28	2.97	1.35	2.93	1.38														
1106	50.5	12156	26506		24916		23317		21559		19481		13879													
			3.82	0.8	3.52	1.04	3.75	1.13	3.84	1.21	3.85	1.27	3.74	1.2												
1200	57.1	13195	28802		27585		26193		24628		22715		18541		15758		12802									
			4.89	0.68	4.94	0.82	5.02	0.94	5.09	1.04	5.11	1.12	4.99	1.19	4.93	1.15	4.93	1.03								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 42-0442 DIRECT DRIVE

Maximum RPM 1200	Max HP: 10.00	Outlet Area (Sq.Ft.): 9.62	Wheel Diameter (in): 42	Tip Speed: 11 x RPM	Max Motor Frame Size: 284T
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RPM	Max Sones	Tip Speed	0.00" SP		0.12" SP		0.25" SP		0.38" SP		0.50" SP		0.75" SP		0.88" SP		1.00" SP		1.12" SP		1.25" SP		1.38" SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI														
350	6.9	3848	9098																							
			0.16	5.25																						
444	12.7	4887	11672		5995																					
			0.32	3.67	0.33	2.59																				
539	15.1	5925	14246		10799																					
			0.58	2.64	0.6	2.56																				
633	22.8	6964	16820		14195		9237																			
			0.94	1.97	1	2.05	0.98	1.74																		
728	31.5	8002	19394		17201		14131		8646																	
			1.44	1.51	1.56	1.62	1.5	1.71	1.49	1.29																
822	41.2	9041	21968		20194		17732		14341		9043															
			2.09	1.19	2.33	1.26	2.2	1.47	2.18	1.43	2.18	1.08														
917	41.2	10079	24573		22736		20691		18215		14083															
			2.91	0.97	2.88	1.16	2.9	1.3	2.91	1.35	2.91	1.23														
1011	43.1	11118	27199		25448		23821		21713		19114															
			3.91	0.8	3.72	1.01	3.81	1.13	3.84	1.22	3.89	1.23														
1106	59	12156	29825		28224		26613		24825		22860		16057													
			5.14	0.67	4.68	0.89	4.89	0.99	4.95	1.09	5.01	1.14	4.99	1.04												
1200	77.1	13195	32403		31042		29680		28124		26568		22094		18593		14508									
			6.58	0.57	6.68	0.69	6.66	0.81	6.62	0.93	6.6	1.01	6.66	1.06	6.6	1.01	6.49	0.89								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 42-0447 DIRECT DRIVE

Maximum RPM 1200			Max HP: 10.00			Outlet Area (Sq.Ft.): 9.62			Wheel Diameter (in): 42			Tip Speed: 11 x RPM			Max Motor Frame Size: 284T											
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"SP			
			CFM		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
350	6.9	3848	10406																							
			0.21	4.72																						
444	12.7	4887	13340		6862																					
			0.43	3.24	0.43	2.32																				
539	22.9	5925	16274		12905		5133																			
			0.77	2.31	0.79	2.35	0.84	1.19																		
633	22.8	6964	19209		16615		11132																			
			1.25	1.71	1.31	1.85	1.27	1.61																		
728	31.5	8002	22143		19969		17081		9948																	
			1.91	1.31	2.04	1.43	1.97	1.57	1.96	1.13																
822	41.2	9041	25077		23111		20906		17718		10523															
			2.77	1.03	3.04	1.13	2.87	1.33	2.86	1.34	2.87	0.95														
917	41.2	10079	28045		26151		24284		21936		17500															
			3.85	0.83	3.7	1.03	3.73	1.17	3.79	1.25	3.83	1.16														
1011	43.1	11118	31034		29042		27552		25693		23297															
			5.18	0.69	4.82	0.89	4.89	1.01	4.93	1.12	5.03	1.16														
1106	59	12156	34023		32170		30750		29127		27304		19217													
			6.79	0.58	6.09	0.77	6.29	0.87	6.33	0.99	6.39	1.07	6.61	0.94												
1200	77.1	13195	36961		35419		34098		32556		31234		27049		22643		16696									
			8.67	0.49	8.87	0.59	8.76	0.7	8.58	0.83	8.48	0.92	8.58	1.01	8.72	0.93	8.43	0.79								

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 48-0326 DIRECT DRIVE

Maximum RPM 1200	Max HP: 15.00	Outlet Area (Sq.Ft.): 12.57	Wheel Diameter (in): 48	Tip Speed: 12.57 x RPM	Max Motor Frame Size: 286T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI																		
350	6.1	4398	11119																							
			0.15	6.57																						
444	11.1	5585	14209		10069																					
			0.31	4.55	0.38	3.59																				
539	16.7	6772	17299		14124		9268																			
			0.56	3.27	0.64	3.04	0.68	2.42																		
633	20.3	7959	20389		17592		14488																			
			0.91	2.43	1	2.5	1.1	2.34																		
728	28.1	9146	23479		21069		18507		10396																	
			1.38	1.87	1.44	2.07	1.61	2.05	1.67	1.58																
822	34.9	10332	26569		24288		22198		16888		12386															
			2	1.48	2.01	1.74	2.24	1.77	2.42	1.73	2.41	1.48														
917	41.6	11519	29657		27736		25955		21907		19095		15581													
			2.78	1.2	2.89	1.39	3.1	1.49	3.39	1.6	3.44	1.58	3.43	1.46												
1011	50.3	12706	32745		30983		29413		25906		23767		21240		18129		14049									
			3.74	0.99	3.66	1.23	3.96	1.31	4.38	1.46	4.51	1.49	4.59	1.48	4.59	1.4	4.58	1.21								
1106	55.2	13893	35832		34085		32589		29603		27898		25980		23635		20865									
			4.9	0.83	4.55	1.1	4.99	1.18	5.51	1.32	5.71	1.37	5.86	1.4	5.96	1.4	5.98	1.36								
1200	66.6	15080	38904		37513		36121		33339		31948		30325		28702		26847		21747		18733					
			6.26	0.71	6.49	0.85	6.73	0.97	7.18	1.16	7.38	1.22	7.56	1.28	7.7	1.31	7.8	1.33	7.86	1.27	7.84	1.18				

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 48-0329 DIRECT DRIVE

Maximum RPM 1200	Max HP: 15.00	Outlet Area (Sq.Ft.): 12.57	Wheel Diameter (in): 48	Tip Speed: 12.57 x RPM	Max Motor Frame Size: 286T
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RPM	Max Sones	Tip Speed	0.00" SP		0.12" SP		0.25" SP		0.50" SP		0.62" SP		0.75" SP		0.88" SP		1.00" SP		1.25" SP		1.38" SP		1.50" SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	6.1	4398	12219																							
			0.2	5.69																						
444	11.1	5585	15609		11570																					
			0.41	3.86	0.49	3.23																				
539	16.7	6772	19000		15911		11293																			
			0.74	2.74	0.86	2.61	0.9	2.24																		
633	20.3	7959	22390		19763		16865																			
			1.21	2.03	1.38	2.05	1.45	2.07																		
728	28.1	9146	25780		23492		21153		13578																	
			1.84	1.56	2.11	1.62	2.17	1.75	2.24	1.53																
822	34.9	10332	29170		27262		25081		20190		16046															
			2.66	1.23	3.08	1.28	3.09	1.47	3.24	1.55	3.25	1.41														
917	41.6	11519	32561		30653		28700		24635		21927		18061													
			3.7	0.99	3.71	1.19	3.93	1.31	4.26	1.44	4.35	1.43	4.36	1.33												
1011	50.3	12706	35952		34015		32509		28871		26948		24383		21178		16485									
			4.98	0.82	4.74	1.05	5.04	1.14	5.51	1.31	5.67	1.34	5.78	1.35	5.81	1.29	5.82	1.11								
1106	55.2	13893	39343		37650		36009		32965		31327		29455		27115		24307									
			6.52	0.69	5.81	0.93	6.36	1.02	6.94	1.17	7.17	1.23	7.35	1.26	7.49	1.28	7.55	1.25								
1200	68.7	15080	42715		41188		39915		37115		35587		34060		32532		30496		25405		21841		18022			
			8.33	0.58	8.5	0.72	8.68	0.82	9.11	1.01	9.32	1.08	9.51	1.14	9.67	1.18	9.81	1.2	9.91	1.17	9.9	1.09	10.01	0.96		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 48-0332 DIRECT DRIVE

Maximum RPM 1200	Max HP: 15.00	Outlet Area (Sq.Ft.): 12.57	Wheel Diameter (in): 48	Tip Speed: 12.57 x RPM	Max Motor Frame Size: 286T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	8.3	4398	13320																							
			0.25	5.11																						
444	13.1	5585	17011		12957																					
			0.52	3.43	0.6	3.03																				
539	19	6772	20701		17543		12906																			
			0.93	2.42	1.04	2.4	1.09	2.12																		
633	25.2	7959	24391		21716		18737																			
			1.51	1.79	1.67	1.87	1.75	1.92																		
728	32.7	9146	28082		25761		23362		15718																	
			2.3	1.37	2.56	1.46	2.6	1.61	2.72	1.46																
822	41.3	10332	31772		29669		27615		22747		18659															
			3.33	1.08	3.74	1.16	3.72	1.34	3.91	1.45	3.94	1.35														
917	50.4	11519	35465		33392		31481		27468		24934		21135		15265											
			4.62	0.87	4.55	1.07	4.76	1.19	5.12	1.34	5.25	1.35	5.3	1.28	5.37	1.02										
1011	60	12706	39160		37283		35411		32147		30050		27719		24456		19342									
			6.21	0.72	5.76	0.93	6.15	1.04	6.6	1.2	6.81	1.25	6.96	1.26	7.03	1.23	7.04	1.08								
1106	70.7	13893	42854		41003		39471		36411		34627		32842		30548		27999		18828							
			8.14	0.6	7.16	0.83	7.71	0.91	8.35	1.07	8.62	1.13	8.83	1.18	9.01	1.2	9.11	1.19	9.18	0.95						
1200	82.3	15080	46528		45142		43478		40705		39319		37932		36269		34328		29336		25454		21018			
			10.41	0.51	10.49	0.62	10.67	0.74	11.06	0.92	11.26	0.99	11.44	1.04	11.63	1.09	11.79	1.12	11.96	1.12	11.95	1.05	12.05	0.93		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 48-0336 DIRECT DRIVE

Maximum RPM 1200			Max HP: 15.00			Outlet Area (Sq.Ft.): 12.57			Wheel Diameter (in): 48			Tip Speed: 12.57 x RPM			Max Motor Frame Size: 286T											
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		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
350	8.3	4398	14789																							
			0.32	4.59																						
444	13.4	5585	18880		14752																					
			0.66	3.05	0.73	2.84																				
539	19	6772	22971		19768		15379																			
			1.17	2.14	1.27	2.22	1.34	2.05																		
633	25.2	7959	27061		24361		21454																			
			1.91	1.57	2.06	1.7	2.13	1.8																		
728	32.7	9146	31152		28666		26380		19046																	
			2.91	1.2	3.16	1.33	3.18	1.49	3.35	1.42																
822	41.3	10332	35242		33136		31056		26257		22266															
			4.22	0.95	4.65	1.04	4.57	1.22	4.77	1.37	4.85	1.31														
917	50.4	11519	39339		37282		35400		31411		28827		25303		18777											
			5.85	0.76	5.64	0.95	5.84	1.08	6.23	1.25	6.41	1.28	6.52	1.24	6.58	1.02										
1011	60	12706	43439		41354		39540		36176		34365		32035		28928		24019									
			7.86	0.63	7.19	0.84	7.58	0.94	8.09	1.11	8.3	1.16	8.5	1.2	8.63	1.19	8.66	1.08								
1106	70.7	13893	47540		45473		43775		40947		39250		37271		35291		32746		23137							
			10.29	0.53	8.95	0.74	9.59	0.83	10.22	0.98	10.52	1.05	10.8	1.1	11	1.13	11.16	1.14	11.24	0.95						
1200	82.3	15080	51616		50078		48540		45771		44233		42695		41157		39311		34697		31314		25777			
			13.17	0.45	13.17	0.55	13.28	0.65	13.62	0.82	13.84	0.9	14.05	0.97	14.24	1.01	14.43	1.05	14.67	1.08	14.68	1.05	14.71	0.93		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 54-0428 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 15.9	Wheel Diameter (in): 54	Tip Speed: 14.14 x RPM	Max Motor Frame Size: 324T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.38"SP		0.50"SP		0.62"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.50"SP		1.62"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI														
350	12.7	4948	19069		14253																					
			0.48	4.07	0.6	3.3																				
411	14.2	5812	22481		18593																					
			0.77	3.1	0.92	2.84																				
472	17.2	6676	25892		22634																					
			1.16	2.42	1.35	2.38																				
533	28.9	7540	29304		26540		19021																			
			1.66	1.93	1.91	1.98	2.21	1.84																		
594	36.6	8404	32716		30154		24460		19721																	
			2.3	1.58	2.64	1.65	2.98	1.75	3.09	1.59																
656	43.6	9268	36127		33866		29089		25894		21032															
			3.09	1.31	3.56	1.38	3.88	1.59	4.07	1.58	4.16	1.44														
717	44.3	10132	39539		37480		33285		30827		27521															
			4.04	1.1	4.68	1.17	4.96	1.43	5.18	1.47	5.37	1.45														
778	57.4	10996	42951		41156		37281		35067		32604		25434													
			5.17	0.94	6.07	0.99	6.23	1.27	6.48	1.34	6.72	1.37	6.98	1.29												
839	71.5	11860	46363		44669		41209		39310		37146		32037		28166		23230									
			6.49	0.81	7.72	0.85	7.73	1.13	7.97	1.22	8.25	1.27	8.67	1.3	8.77	1.24	8.8	1.12								
900	110.1	12723	49752		48285		44616		42782		40948		36912		33977		30309		25540		17835		15267			
			8.01	0.7	8.23	0.82	8.94	1.06	9.31	1.15	9.66	1.2	10.23	1.25	10.47	1.25	10.58	1.2	10.6	1.1	10.98	0.86	11.37	0.77		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 54-0432 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 15.9	Wheel Diameter (in): 54	Tip Speed: 14.14 x RPM	Max Motor Frame Size: 324T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP					
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM			
			BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI																		
350	12.7	4948	20930		15776																							
			0.66	3.34	0.77	2.87																						
411	20.6	5812	24710		20561		14082																					
			1.04	2.55	1.19	2.44	1.3	1.95																				
472	21.6	6676	28491		24996		20395																					
			1.57	1.99	1.79	2.01	1.9	1.92																				
533	22.9	7540	32272		29444		25634																					
			2.26	1.58	2.59	1.64	2.68	1.71																				
594	36.6	8404	36053		33726		30507		21858																			
			3.12	1.29	3.62	1.35	3.68	1.48	3.94	1.39																		
656	43.6	9268	39834		37921		35152		27958		23573																	
			4.19	1.07	4.91	1.11	4.95	1.28	5.11	1.36	5.32	1.26																
717	50.5	10132	43615		41984		39548		33364		29703		25795															
			5.49	0.9	6.51	0.93	6.5	1.1	6.58	1.26	6.72	1.25	6.97	1.18														
778	65.1	10996	47396		45885		44076		38455		35184		31782		28234		24056											
			7.03	0.76	8.44	0.8	8.35	0.94	8.4	1.14	8.45	1.18	8.62	1.17	8.91	1.12	9.28	1.01										
839	64.1	11860	51177		50008		48180		43418		40600		37411		34287		30938											
			8.83	0.66	10.85	0.67	10.54	0.82	10.58	1.03	10.57	1.09	10.63	1.12	10.82	1.12	11.15	1.08										
900	97.4	12723	54924		53796		51917		47782		45151		42520		39513		36506		29741		25982		18465					
			10.96	0.57	11.43	0.66	11.97	0.78	12.47	0.95	12.56	1.02	12.64	1.06	12.8	1.08	13.06	1.08	13.89	0.98	14.26	0.9	14.06	0.7				

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 54-0437 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 15.9	Wheel Diameter (in): 54	Tip Speed: 14.14 x RPM	Max Motor Frame Size: 324T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP					
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM			
			BHP	FEI	BHP	FEI																						
350	16.4	4948	23256		17565																							
			0.88	2.82	0.99	2.52																						
411	19.1	5812	27522		22884		15834																					
			1.4	2.15	1.54	2.13	1.65	1.73																				
472	25.1	6676	31788		28029		22851																					
			2.11	1.67	2.29	1.76	2.46	1.66																				
533	32.3	7540	36054		32855		28743																					
			3.03	1.33	3.32	1.44	3.46	1.49																				
594	33.8	8404	40321		37677		34256		24321																			
			4.21	1.08	4.65	1.18	4.73	1.29	5.03	1.22																		
656	42.7	9268	44587		42404		39511		31083		26230																	
			5.66	0.89	6.35	0.97	6.34	1.11	6.64	1.17	6.77	1.11																
717	54.1	10132	48853		46984		44482		37412		33014		28696															
			7.41	0.74	8.47	0.81	8.32	0.96	8.56	1.08	8.71	1.08	8.87	1.03														
778	60.3	10996	53119		51605		49312		43191		39430		35574		31400		27334											
			9.5	0.63	11.12	0.67	10.72	0.83	10.88	0.99	11	1.02	11.15	1.01	11.34	0.98	11.59	0.92										
839	69.4	11860	57385		56034		54231		48831		45581		41914		38096		34395											
			11.96	0.54	14.26	0.57	13.6	0.71	13.63	0.89	13.73	0.94	13.84	0.96	14	0.96	14.21	0.94										
900	81.3	12723	61596		60073		58550		53601		50555		47510		44083		40657		33423		29616		24286					
			14.81	0.47	15.13	0.58	15.39	0.67	16.01	0.83	16.26	0.88	16.45	0.91	16.66	0.93	16.87	0.93	17.44	0.88	17.77	0.82	18.14	0.71				

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 54-0444 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 15.9	Wheel Diameter (in): 54	Tip Speed: 14.14 x RPM	Max Motor Frame Size: 324T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.38"SP		0.50"SP		0.75"SP		0.88"SP		1.00"SP		1.12"SP		1.25"SP		1.38"SP					
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM			
			BHP	FEI	BHP	FEI	BHP	FEI																				
350	16.4	4948	26516		20216																							
			1.19	2.41	1.29	2.24																						
411	19.1	5812	31494		26104		18479																					
			1.88	1.84	2.03	1.86	2.15	1.56																				
472	25.1	6676	36473		31889		26396																					
			2.83	1.43	3.05	1.52	3.22	1.48																				
533	32.3	7540	41452		37349		32848		27036																			
			4.08	1.14	4.42	1.23	4.56	1.3	4.7	1.24																		
594	37.9	8404	46431		42858		38983		34273		28638																	
			5.66	0.92	6.22	1.01	6.27	1.12	6.44	1.15	6.55	1.09																
656	45.3	9268	51410		48312		44859		40835		36291																	
			7.63	0.76	8.51	0.83	8.43	0.95	8.55	1.02	8.7	1.04																
717	54.1	10132	56389		53619		50479		46924		43193		33557															
			10.01	0.64	11.36	0.69	11.09	0.82	11.15	0.9	11.28	0.95	11.55	0.93														
778	58	10996	61367		59022		55991		52793		49630		41624		37015		31622											
			12.86	0.54	14.93	0.57	14.32	0.71	14.29	0.8	14.37	0.85	14.64	0.91	14.78	0.89	14.94	0.83										
839	67.7	11860	66346		64174		61674		58607		55505		48568		44921		40561		35692									
			16.21	0.46	19.15	0.49	18.2	0.6	18.02	0.7	18.05	0.77	18.27	0.85	18.4	0.86	18.55	0.85	18.74	0.81								
900	81.3	12723	71232		68987		66368		63749		60756		54770		51402		47661		43545		39055							
			20.03	0.4	20.33	0.49	20.65	0.58	20.94	0.65	21.24	0.71	21.73	0.8	21.96	0.82	22.18	0.83	22.39	0.82	22.58	0.79						

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 60-0430 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 19.63	Wheel Diameter (in): 60	Tip Speed: 15.71 x RPM	Max Motor Frame Size: 324T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	18.6	5498	23588		17869		8148																			
			0.6	4.04	0.74	3.35	0.79	1.89																		
411	21.2	6458	27779		23075		16274																			
			0.96	3.06	1.12	2.87	1.21	2.38																		
472	23.9	7418	31971		27888		22972																			
			1.45	2.38	1.62	2.43	1.78	2.27																		
533	32.3	8378	36162		32550		28597		16547																	
			2.09	1.9	2.23	2.07	2.46	2.04	2.63	1.57																
594	40.7	9338	40353		37172		33637		24395		18133		11316													
			2.89	1.54	2.96	1.78	3.29	1.81	3.61	1.68	3.63	1.42	3.8	0.98												
656	48.1	10297	44545		41659		38396		31183		26234		20314		14090											
			3.88	1.28	3.81	1.55	4.28	1.6	4.73	1.62	4.83	1.54	4.85	1.34	4.97	1.02										
717	56.2	11257	48736		45913		43049		36957		32998		28672		23275		17174									
			5.07	1.07	4.84	1.36	5.45	1.42	6.01	1.51	6.2	1.5	6.31	1.44	6.33	1.3	6.39	1.06								
778	68.2	12217	52928		50231		47892		42050		38928		35411		31501		26423		15501							
			6.49	0.91	6	1.21	6.73	1.26	7.51	1.39	7.75	1.42	7.93	1.41	8.05	1.37	8.08	1.27	8.31	0.87						
839	77.4	13177	57119		54610		52504		47452		44504		41555		38184		34391		25122		19647					
			8.15	0.79	7.24	1.09	8.2	1.12	9.17	1.26	9.49	1.32	9.74	1.34	9.94	1.34	10.08	1.31	10.11	1.13	10.21	0.96				
900	84.6	14137	61291		59483		57224		52704		50445		47733		45021		42310		35078		31011		26943			
			10.07	0.69	10.6	0.8	11.1	0.93	11.78	1.11	12.04	1.17	12.29	1.23	12.51	1.26	12.69	1.27	12.95	1.23	12.99	1.17	13.02	1.09		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 60-0432 DIRECT DRIVE

Maximum RPM 900			Max HP: 20.00				Outlet Area (Sq.Ft.): 19.63				Wheel Diameter (in): 60				Tip Speed: 15.71 x RPM				Max Motor Frame Size: 213T							
RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		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
350	18.6	5498	25276		19386		9177																			
			0.73	3.6	0.85	3.15	0.92	1.81																		
411	21.2	6458	29477		24724		17939																			
			1.13	2.79	1.27	2.73	1.39	2.29																		
472	23.9	7418	33677		29741		24372																			
			1.66	2.21	1.81	2.32	1.96	2.2																		
533	32.3	8378	37878		34232		29900		16995																	
			2.34	1.78	2.48	1.99	2.67	1.98	2.87	1.48																
594	38.1	9338	42078		38888		35074		25404		17893															
			3.19	1.46	3.25	1.71	3.53	1.76	3.88	1.63	3.9	1.32														
656	48.1	10297	46279		43375		39920		31986		26866		19987		13128											
			4.22	1.22	4.14	1.5	4.57	1.56	5	1.59	5.15	1.48	5.15	1.25	5.39	0.89										
717	56.2	11257	50479		47615		44621		37839		34108		28887		22517		15779									
			5.46	1.03	5.21	1.32	5.77	1.39	6.29	1.49	6.49	1.47	6.64	1.38	6.64	1.2	6.81	0.92								
778	61.3	12217	54679		51920		49496		43391		40147		36103		31655		25575									
			6.92	0.89	6.4	1.18	7.1	1.23	7.78	1.37	8.02	1.4	8.26	1.38	8.4	1.32	8.4	1.18								
839	77.4	13177	58880		56291		54113		48438		45384		42331		38844		34485		23145		17477					
			8.63	0.77	7.66	1.06	8.61	1.1	9.51	1.26	9.8	1.31	10.05	1.33	10.27	1.32	10.44	1.27	10.45	1.02	10.76	0.81				
900	84.6	14137	63137		61267		58930		54255		51918		49113		45841		42568		34621		29947		24805			
			10.64	0.67	11.17	0.79	11.62	0.91	12.17	1.1	12.37	1.16	12.61	1.22	12.87	1.25	13.1	1.25	13.38	1.18	13.38	1.1	13.46	0.97		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 60-0435 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 19.63	Wheel Diameter (in): 60	Tip Speed: 15.71 x RPM	Max Motor Frame Size: 213T
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RPM	Max Sones	Tip Speed	0.00"SP		0.12"SP		0.25"SP		0.50"SP		0.62"SP		0.75"SP		0.88"SP		1.00"SP		1.25"SP		1.38"SP		1.50"SP			
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			BHP	FEI	BHP	FEI																				
350	16.9	5498	27879		21988		11221																			
			0.93	3.16	1.04	2.97	1.13	1.81																		
411	19.4	6458	32084		27389		20641																			
			1.39	2.5	1.56	2.5	1.66	2.2																		
472	22.8	7418	36290		32527		27071																			
			1.98	2.01	2.25	2.06	2.31	2.07																		
533	30.5	8378	40496		37458		32837		19022																	
			2.72	1.64	3.17	1.68	3.15	1.84	3.37	1.42																
594	42.2	9338	44701		42008		38136		28155		20051		13252													
			3.63	1.37	4.33	1.4	4.21	1.6	4.47	1.56	4.52	1.27	4.87	0.89												
656	46.1	10297	48907		46721		43086		34763		29740		21955		15596											
			4.74	1.15	5.86	1.14	5.52	1.39	5.71	1.51	5.88	1.42	5.92	1.19	6.23	0.9										
717	51.1	11257	53112		51172		47910		40836		36601		31529		24620		18121									
			6.05	0.98	7.77	0.95	7.11	1.21	7.17	1.4	7.37	1.4	7.55	1.32	7.58	1.15	7.85	0.91								
778	62.9	12217	57318		55713		52953		46502		42848		38670		34035		27403		17063							
			7.58	0.85	10.35	0.77	9.05	1.03	8.92	1.28	9.08	1.32	9.31	1.32	9.49	1.26	9.53	1.12	10.29	0.77						
839	67.9	13177	61524		60350		57294		51619		48629		45116		41518		36991		24587		20135					
			9.36	0.74	14.31	0.59	11.27	0.92	10.98	1.16	11.08	1.23	11.28	1.26	11.51	1.26	11.72	1.21	11.89	0.95	12.37	0.81				
900	76.5	14137	65906		63943		61490		56584		53640		50205		47262		43337		33033		26655		21258			
			11.5	0.65	12.03	0.77	12.4	0.9	12.74	1.08	12.91	1.16	13.16	1.21	13.4	1.22	13.7	1.21	13.98	1.08	13.99	0.94	14.46	0.78		

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

# LWP 60-0437 DIRECT DRIVE

Maximum RPM 900	Max HP: 20.00	Outlet Area (Sq.Ft.): 19.63	Wheel Diameter (in): 60	Tip Speed: 15.71 x RPM	Max Motor Frame Size: 324T
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RPM	Max Sones	Tip Speed	0.00"SP		0.25"SP		0.38"SP		0.62"SP		0.75"SP		1.00"SP		1.12"SP		1.38"SP		1.50"SP		1.75"SP		1.88"SP					
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM			
			BHP	FEI	BHP	FEI																						
350	16.9	5498	29684		12719																							
			1.08	2.94	1.26	1.83																						
411	25	6458	35056		24230		13043																					
			1.73	2.2	2.01	2.14	2.13	1.34																				
472	25.2	7418	40429		32127		25148																					
			2.62	1.7	3.01	1.89	3.09	1.74																				
533	37.9	8378	45801		38607		34171		18018																			
			3.78	1.34	4.29	1.61	4.44	1.63	4.66	1.11																		
594	42.2	9338	51174		44916		41345		30427		21915																	
			5.25	1.09	5.93	1.35	6.07	1.45	6.25	1.38	6.38	1.1																
656	60.4	10297	56546		51230		48033		40230		34404		20304															
			7.06	0.9	8	1.13	8.07	1.26	8.4	1.35	8.43	1.29	8.97	0.89														
717	60.9	11257	61919		56988		54328		47870		44048		32116		25243													
			9.25	0.75	10.58	0.96	10.52	1.09	10.87	1.24	11.02	1.26	11.07	1.12	11.41	0.94												
778	101.8	12217	67251		62224		59711		54181		50662		42117		35582		23015		18993									
			11.85	0.64	12.16	0.91	12.46	1.01	13.14	1.15	13.46	1.19	13.74	1.18	13.71	1.09	14.59	0.78	15.42	0.66								
839	118.6	13177	72535		68198		65487		60607		57896		51390		47053		35125		28618		19943							
			14.86	0.55	15.13	0.78	15.48	0.9	16.2	1.05	16.55	1.1	17.1	1.15	17.23	1.14	17.24	1	17.7	0.86	19.5	0.62						
900	106.9	14137	77819		73747		71421		66767		64440		59205		55715		46990		41755		30121		25468					
			18.35	0.48	18.61	0.69	18.93	0.79	19.71	0.95	20.09	1.01	20.79	1.08	21.09	1.1	21.28	1.08	21.24	1.03	21.94	0.82	22.88	0.71				

Performance certified is for installation type A-free inlet, free 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. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values are for installation type A: free inlet, free outlet hemispherical sone levels.

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- Upblast roof axial fans
- Gravity ventilators
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- Vane axial fans
- Bifurcator fans
- Lab exhaust



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PennBarry | [www.pennbarry.com](http://www.pennbarry.com) | [pennbarrysales@pennbarry.com](mailto:pennbarrysales@pennbarry.com) | Tel 972 212 4700 | Fax 972 212 4702

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