

MODEL DB

BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



MODEL FEATURES

- Exhaust air up to 19,000 CFM in high static pressure applications up to 1-1/4"
- Attractive spun aluminum exterior
- Belt drives permit easy performance adjustments when needed
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- AMCA Air and Sound Licensed
- cULus 705 Listed


APPLICATION CONSTRUCTION OPTIONS

MODEL NAME	TYPICAL APPLICATIONS
DB	Removal of clean air in general applications
DB-HWL	High Wind Load and Hurricane Zone version of DB

MODEL OVERVIEW

Model DB belt drive fans are designed to exhaust air up to 19,000 CFM in high static pressure applications to 1-1/4". The aluminum exterior provides an attractive appearance. Belt drive results in lower operating RPM and sound levels, making the Model DB well suited to applications where quiet operation is important. Belt drive also permits easy performance adjustments when needed to balance the total ventilation system. The non-overloading backward inclined wheel with its higher static pressure capability makes this unit suitable for either ducted or nonducted applications. Its roof mounting permits location near the area to be ventilated, allowing short duct runs and more efficient operation.

DBs are primarily used for the exhaust of relatively clean air from a wide range of commercial, industrial and institutional environments.

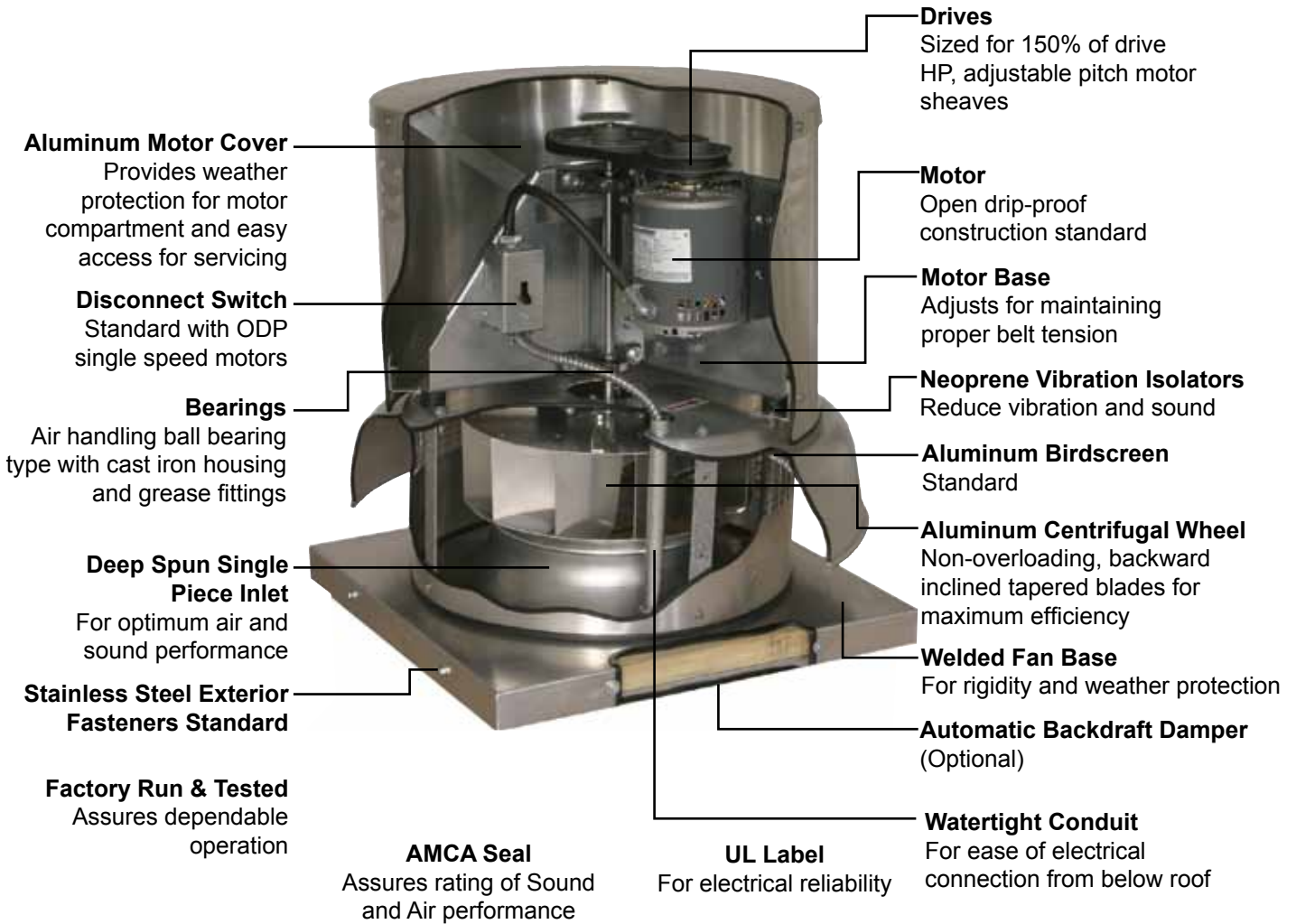


Model DB is available in our Quickship program. Sizes 6-36 are available for next day, 3-day or 10-day shipping from stock.

Industry best 5 year fan housing warranty, 1 year motor warranty



CONSTRUCTION FEATURES AND OPTIONS





CONSTRUCTION/SPECIFICATION CHECKLIST

Housing

- Curb cap with integral deep spun inlet for efficient performance.
- Heavy-gauge aluminum for extra strength.
- Designed for maximum weather protection and attractive appearance.
- Heavy-gauge motor support for rigidity and strength.
- Neoprene isolators for reduction of vibration and sound.
- Cover easily removed for quick access to motor compartment.
- Water tight conduit tube for easy electrical connection from below roof.
- Aluminum birdscreen standard.
- Stainless steel fasteners on exterior.

Centrifugal Wheel

- All aluminum wheel.
- Backward inclined for efficiency at higher static pressure.
- Non-overloading for safe operation in ducted systems.
- Tapered blades for efficiency and quiet operation.
- Heavy aluminum hub for extra strength.
- Statically and dynamically balanced for smooth operation.

Motors

- 1 year warranty.
- Brands are nationally recognized and locally serviced.
- Single speed open drip-proof are standard.
- Explosion-proof, totally enclosed and two-speed motors are available.
- All motors are rated for continuous duty.
- 182T and larger motors shipped unmounted for field installation.
- Disconnect switch standard on single speed drip-proof and totally enclosed motors.

Drives

- Sized for minimum 150% of drive horsepower.
- Machined cast iron adjustable motor pulleys.
- Adjustable base for belt tensioning.
- Non-static oil resistant V-Belts.

Bearings

- Heavy-duty ball bearing type.
- Pre-lubricated and permanently sealed.
- 5 year warranty.

AMCA Seal

- Assures accuracy of Air and Sound Performance.

cULus Label

- cULus 705 listing assures electrical safety and reliability.
- cULus 705 must be specified when required.



DB SPECIAL APPLICATIONS

High Wind Load and Hurricane Zone construction certified fans from JencoFan:



Model DB

Belt Drive Centrifugal Roof Exhausters with certified **HWL** (High Wind Load/Hurricane Zone) **Construction Option**.

The DB (belt drive) series of centrifugal downblast roof exhaust fans with the HWL construction option are suitable for use in high wind load applications which call for products with enhanced safety and structural resistance. The DB series is ideal for general roof mounted clean air exhaust applications where the air is discharged directly onto the roof surface.



- The only fans designed, developed, tested and manufactured in a hurricane zone!
- Designed to withstand wind loads in excess of 150mph (61psf).
- All models, without exception, have been tested and certified to ASTM Florida Building Code standards TAS 201-94, 202-94 and 203-94.
- All models are third party tested and Miami Dade County approved.
- Miami-Dade County, Florida NOA certifications:
 - Miami-Dade County, Florida #09-0513.01, expires 09/09/2014 – Models DB with HWL construction option.
- State licensed P.E reviewed for compliance with IBC, Florida Building Code and ASCE 7-02 Minimum Design Loads for Buildings.

MODEL	MIAMI-DADE, COUNTY, FLORIDA (NOA #)	EXHAUST	TAS 201	TAS 202	TAS 203	CLEAN AIR	GREASE LADEN AIR
DB	09-0513.01 exp. 09/09/2014	•	✓	✓	✓	•	

Florida Building Code **TAS 201-94**, Impact Test Procedures.
 Florida Building Code **TAS 202-94**, Criteria for Testing Impact & Nonimpact Resistant Building Envelope Components using Uniform Static Air Pressure.
 Florida Building Code **TAS 203-94**, Criteria for Testing Products Subject to Cyclic Wind Pressure Loading.

HWL Fan Construction Option, for High Wind Load & Hurricane Zone applications.

DB fans with the **HWL Construction Option**, include the following features as standard:

- High strength internal bracing and support structure.
- High strength, thick gauge, external aluminum shroud.
- High strength external stainless steel wire tie downs.
- Certified roof curbs must be used and are available in 8” up to 24” in height.





OPTIONS/ACCESSORIES

Automatic Belt Tensioner: Available on sizes 6-24, The Automatic Belt Tensioners eliminate the need for regular manual retensioning of drives, and the risk of inadvertently over-tensioning drive components is avoided and overall drive operating efficiency is enhanced. Benefits include reduction in startup and maintenance costs, increased belt life, increased drive efficiency, and ensure drive components do not snag obstructions.



Roof Curb: Prefabricated heavy-gauge galvanized steel, welded construction, 12" high (other heights are also available) with 1-1/2" wood nailer. Assures perfect fit of exhauster to roof opening. Options include burglar bars, single or double pitch construction and hinged curbs for easy duct access.



Sound Curb: Option of thermal acoustical lining or a complete maximum sound attenuating baffle system. Provision for mounting damper is available. Contact factory for information regarding effect on exhauster air performance and sound level.

Motor Operated Damper: Motor operated aluminum damper for positive closure against backdraft.



Automatic Damper: Automatic aluminum damper for ease in installation and effective backdraft protection.

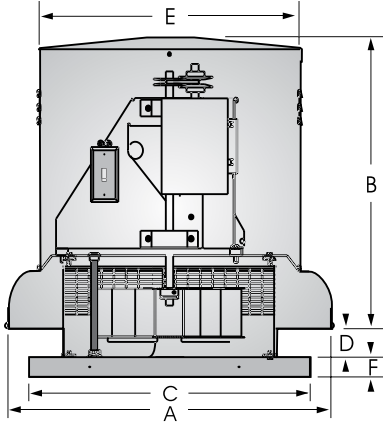
Special Coatings: Powered roof exhausters often require special coatings for protective and decorative purposes. Available coatings include: Synthetic Resin, Epoxy, and Heresite (air-dried phenolic). Contact your representative or the factory for more information on available coatings and colors.

Curb Hinge Arrangement: The curb hinge arrangement provides easy access to the exhaust fan, backdraft damper, and duct for servicing and cleaning.



PERFORMANCE/DIMENSIONS

SIZE 6



Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
11	11-1/2	14-3/4	20 -1/2	17-1/2	16-1/2	3-1/2	16-1/8	1-3/4	43	80

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number				
230	108	-	-	-	-	-	-	-	-	601	DP1	700	1/4	2058
.01/1.3	.01/0.7	-	-	-	-	-	-	-	-	602		750	1/4	2205
246	140	-	-	-	-	-	-	-	-	603		800	1/4	2352
.02/1.7	.02/1.1	-	-	-	-	-	-	-	-	604		850	1/4	2500
263	166	-	-	-	-	-	-	-	-	605		900	1/4	2647
.02/2.1	.02/1.5	-	-	-	-	-	-	-	-	606		950	1/4	2794
279	190	-	-	-	-	-	-	-	-	607		1000	1/4	2941
.02/2.5	.02/1.9	-	-	-	-	-	-	-	-	608		1050	1/4	3088
295	213	-	-	-	-	-	-	-	-	609		1100	1/4	3235
.03/2.9	.03/2.3	-	-	-	-	-	-	-	-	610		1150	1/4	3382
312	236	122	-	-	-	-	-	-	-	611	DP2	1200	1/4	3529
.03/3.3	.03/2.8	.03/2.2	-	-	-	-	-	-	-	612		1250	1/4	3676
328	257	160	-	-	-	-	-	-	-	613		1300	1/4	3823
.04/3.6	.04/3.1	.04/2.6	-	-	-	-	-	-	-	614		1350	1/4	3970
345	278	192	-	-	-	-	-	-	-	615		1400	1/4	4117
.04/4.0	.04/3.5	.04/3.0	-	-	-	-	-	-	-	616		1450	1/4	4264
361	298	219	-	-	-	-	-	-	-	617		1500	1/4	4411
.05/4.3	.05/3.8	.05/3.4	-	-	-	-	-	-	-	618		1550	1/4	4558
377	318	244	137	-	-	-	-	-	-	619		1600	1/4	4705
.06/4.7	.06/4.2	.06/3.8	.05/3.3	-	-	-	-	-	-	620		1650	1/4	4852
394	337	268	178	-	-	-	-	-	-	621	DP3	1700	1/4	4999
.06/5.2	.06/4.7	.07/4.3	.06/3.8	-	-	-	-	-	-	622		1750	1/4	5146
410	356	291	213	-	-	-	-	-	-	623		1800	1/4	5293
.07/5.6	.07/5.2	.07/4.8	.07/4.3	-	-	-	-	-	-	624		1850	1/4	5440
427	375	314	243	131	-	-	-	-	-	625		1900	1/4	5587
.08/6.1	.08/5.6	.08/5.2	.08/4.8	.07/4.3	-	-	-	-	-	626		1950	1/4	5734
443	394	336	269	178	-	-	-	-	-	627		2000	1/4	5881
.09/6.5	.09/6.1	.09/5.7	.09/5.3	.09/4.8	-	-	-	-	-	628		2050	1/4	6028
459	412	358	295	217	-	-	-	-	-	629		2100	1/4	6175
.10/7.0	.10/6.6	.10/6.2	.10/5.8	.10/5.3	-	-	-	-	-	630		2150	1/4	6322
476	431	379	319	250	143	-	-	-	-	631	DP4	2200	1/4	6469
.11/7.5	.11/7.1	.11/6.7	.11/6.3	.11/5.8	.10/5.4	-	-	-	-	632		2250	1/4	6616
492	449	399	342	279	191	-	-	-	-	633		2300	1/4	6763
.12/8.0	.12/7.6	.13/7.2	.13/6.8	.13/6.4	.12/6.0	-	-	-	-	634		2350	1/4	6910
509	467	420	365	307	231	115	-	-	-	635		2400	1/4	7057
.13/8.5	.14/8.1	.14/7.7	.14/7.3	.14/6.9	.13/6.5	.12/6.1	-	-	-	636		2450	1/4	7204
525	485	439	388	332	266	169	-	-	-	637		2500	1/4	7351
.15/9.0	.15/8.6	.15/8.2	.15/7.9	.15/7.5	.15/7.0	.14/6.6	-	-	-	638		2550	1/4	7498
541	503	459	410	356	297	215	-	-	-	639		2600	1/4	7645
.16/9.6	.17/9.2	.17/8.8	.17/8.4	.17/8.0	.17/7.6	.16/7.2	-	-	-	640		2650	1/4	7792
558	521	478	432	380	325	255	153	-	-	641	DP5	2700	1/4	7939
.18/10.1	.18/9.7	.18/9.4	.18/9.0	.18/8.6	.18/8.2	.18/7.8	.16/7.4	-	-	642		2750	1/4	8086
574	539	497	453	403	352	289	203	-	-	643	2800	1/4	8233	
.19/10.7	.20/10.3	.20/9.9	.20/9.6	.20/9.2	.20/8.8	.20/8.4	.19/8.0	-	-	644	2850	1/4	8380	

Power Ratings (BHP) does not include drive losses.
 Performance certified is for installation type A - free inlet, free outlet.
 Performance ratings include the effects of birdscreen in the airstream.
 The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for: Installation Type A: free inlet hemispherical sone levels.

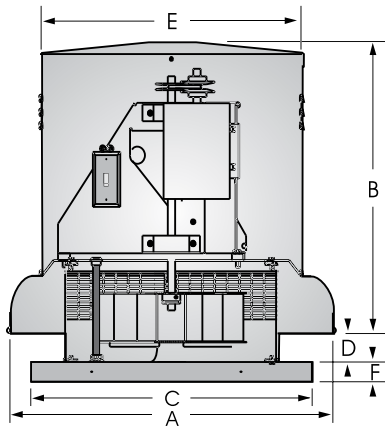


JencoFan, Div. of Soler & Palau Ventilation Group, certifies that the Models DB shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.





SIZE 8



Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
11	11-1/2	14-3/4	20 -1/2	17-1/2	16-1/2	3-1/2	16-1/8	1-3/4	42	80

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed	
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number					
478										801	DP1	650	1/4	1911	
.01/1.9	-	-	-	-	-	-	-	-	-			802	690	1/4	2029
508	252											803	750	1/4	2205
.01/2.2	.02/1.2	-	-	-	-	-	-	-	-			804	810	1/4	2382
552	338											805	870	1/4	2558
.02/2.8	.02/1.7	-	-	-	-	-	-	-	-			806	930	1/4	2735
596	408											807	990	1/4	2911
.02/3.3	.03/2.2	-	-	-	-	-	-	-	-			808	1050	1/4	3088
640	470											809	1110	1/4	3264
.03/3.8	.03/2.8	-	-	-	-	-	-	-	-			810	1170	1/4	3441
684	528	266									811	1230	1/4	3617	
.04/4.4	.04/3.4	.04/2.7	-	-	-	-	-	-	-		812	1290	1/4	3793	
728	586	380									813	1350	1/4	3970	
.04/4.9	.05/4.0	.05/3.2	-	-	-	-	-	-	-		814	1410	1/4	4146	
772	643	465									815	1470	1/4	4323	
.05/5.4	.06/4.5	.06/3.8	-	-	-	-	-	-	-		816	1530	1/4	4499	
816	696	538	249								817	1590	1/4	4676	
.06/5.9	.07/5.2	.07/4.4	.06/3.8	-	-	-	-	-	-		818	1650	1/4	4852	
861	747	604	391								819	1700	1/4	4999	
.07/6.5	.08/5.8	.08/5.1	.08/4.4	-	-	-	-	-	-		820	1760	1/3	5175	
905	798	664	492								821	1820	1/3	5352	
.08/7.0	.09/6.4	.10/5.8	.09/5.1	-	-	-	-	-	-		822	1870	1/3	5499	
949	847	723	575	312											
.09/7.6	.10/7.0	.11/6.4	.11/5.8	.10/5.1	-	-	-	-	-						
993	896	781	648	450											
.11/8.3	.12/7.6	.12/7.1	.13/6.5	.12/5.8	-	-	-	-	-						
1037	945	839	715	553	249										
.12/8.9	.13/8.3	.14/7.7	.14/7.2	.14/6.5	.12/6.0	-	-	-	-						
1081	994	895	777	638	420										
.14/9.5	.15/9.0	.16/8.4	.16/7.8	.16/7.2	.15/6.7	-	-	-	-						
1125	1041	949	837	714	542										
.16/10.3	.17/9.6	.18/9.1	.18/8.6	.18/8.0	.18/7.4	-	-	-	-						
1170	1089	1001	895	783	639	409									
.18/11.0	.19/10.4	.20/9.8	.20/9.3	.21/8.7	.20/8.1	.18/7.5	-	-	-						
1214	1136	1053	953	849	722	545									
.20/11.7	.21/11.1	.22/10.6	.23/10.0	.23/9.5	.23/8.9	.22/8.3	-	-	-						
1250	1176	1095	1002	900	785	634	394								
.22/12.4	.23/11.8	.24/11.2	.25/10.7	.25/10.2	.25/9.5	.25/8.9	.22/8.4	-	-						
1295	1223	1145	1059	960	856	726	543								
.24/13.1	.25/12.6	.26/12.0	.27/11.4	.28/10.9	.28/10.4	.28/9.7	.26/9.2	-	-						
1339	1269	1195	1114	1018	922	807	658	429							
.27/13.9	.28/13.3	.29/12.8	.30/12.3	.31/11.7	.31/11.2	.31/10.6	.30/10.0	.27/9.5	-						
1375	1308	1236	1159	1066	975	870	739	555							
.29/14.5	.30/14.0	.32/13.4	.32/13.0	.33/12.5	.33/12.0	.33/11.3	.33/10.7	.31/10.2	-						

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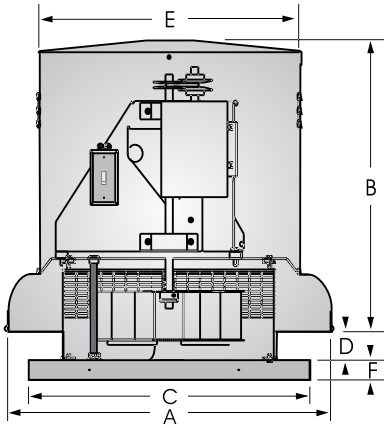


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SIZE 9



Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
11	11-1/2	14-3/4	20-1/2	17-1/2	16-1/2	3-1/2	16-1/8	1-3/4	44	80

CFM / BHP @ Static Pressure / Sones										Catalog Number	Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4					
694	467	-	-	-	-	-	-	-	-	901	DP6	710	1/4	2277
.04/3.8	.03/2.6	-	-	-	-	-	-	-	-	902		750	1/4	2405
734	525	-	-	-	-	-	-	-	-	903		790	1/4	2534
.04/4.3	.04/3.1	-	-	-	-	-	-	-	-	904		830	1/4	2662
773	580	-	-	-	-	-	-	-	-	905		870	1/4	2790
.05/4.8	.05/3.6	-	-	-	-	-	-	-	-	906		910	1/4	2918
812	633	360	-	-	-	-	-	-	-	907		950	1/4	3047
.06/5.4	.05/4.2	.05/3.5	-	-	-	-	-	-	-	908		990	1/4	3175
851	683	439	-	-	-	-	-	-	-	909		1030	1/4	3303
.06/5.9	.06/4.8	.05/4.0	-	-	-	-	-	-	-	910		1070	1/4	3432
890	733	511	-	-	-	-	-	-	-	911	1110	1/4	3560	
.07/6.5	.07/5.5	.07/4.6	-	-	-	-	-	-	-	912	1150	1/4	3688	
929	781	577	-	-	-	-	-	-	-	913	1190	1/4	3816	
.08/7.0	.08/6.1	.08/5.1	-	-	-	-	-	-	-	914	1230	1/4	3945	
968	828	640	-	-	-	-	-	-	-	915	1270	1/4	4073	
.10/7.6	.09/6.7	.09/5.9	-	-	-	-	-	-	-	916	1310	1/4	4201	
1007	874	699	469	-	-	-	-	-	-	917	1350	1/4	4330	
.11/8.2	.10/7.4	.10/6.5	.09/6.0	-	-	-	-	-	-	918	1390	1/4	4458	
1046	919	756	546	-	-	-	-	-	-	919	1420	1/4	4554	
.12/8.8	.12/8.1	.11/7.3	.10/6.5	-	-	-	-	-	-	920	1470	1/3	4714	
1086	964	811	618	-	-	-	-	-	-	921	1510	1/3	4843	
.13/9.5	.13/8.9	.13/8.0	.12/7.2	-	-	-	-	-	-	922	1550	1/3	4971	
1125	1008	864	685	-	-	-	-	-	-					
.15/10.2	.15/9.6	.14/8.8	.13/8.0	-	-	-	-	-	-					
1164	1052	916	749	543	-	-	-	-	-					
.17/10.9	.16/10.3	.16/9.6	.15/8.8	.14/8.2	-	-	-	-	-					
1203	1096	966	810	621	-	-	-	-	-					
.18/11.6	.18/11.1	.18/10.4	.17/9.7	.16/8.8	-	-	-	-	-					
1242	1139	1015	868	693	-	-	-	-	-					
.20/12.2	.20/11.7	.19/11.1	.19/10.4	.18/9.6	-	-	-	-	-					
1281	1182	1064	925	761	565	-	-	-	-					
.22/12.7	.22/12.2	.21/11.7	.21/11.0	.20/10.2	.18/9.8	-	-	-	-					
1320	1224	1112	980	827	646	-	-	-	-					
.24/13.2	.24/12.8	.23/12.2	.23/11.6	.22/10.8	.20/10.2	-	-	-	-					
1359	1267	1159	1034	889	721	-	-	-	-					
.26/13.8	.26/13.4	.26/12.9	.25/12.2	.24/11.5	.23/10.7	-	-	-	-					
1389	1298	1193	1073	935	775	587	-	-	-					
.28/14.2	.28/13.8	.27/13.3	.27/12.7	.26/11.9	.25/11.2	.22/11.0	-	-	-					
1438	1351	1251	1137	1008	860	690	-	-	-					
.31/14.9	.31/14.5	.30/14.1	.30/13.4	.29/12.8	.28/12.0	.26/11.6	-	-	-					
1477	1393	1296	1188	1065	925	767	-	-	-					
.34/15.5	.33/15.1	.33/14.7	.33/14.0	.32/13.5	.31/12.7	.29/12.1	-	-	-					
1516	1434	1341	1237	1120	988	839	669	-	-					
.37/16.2	.36/15.7	.36/15.3	.35/14.7	.35/14.2	.34/13.5	.32/12.7	.29/12.6	-	-					

Power Ratings (BHP) does not include drive losses.
 Performance certified is for installation type A - free inlet, free outlet.
 Performance ratings include the effects of birdscreen in the airstream.
 The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for: Installation Type A: free inlet hemispherical sone levels.



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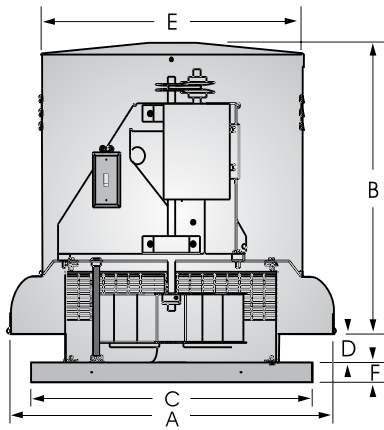




MODEL DB
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



SIZE 11



Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
18	19-1/2	22-1/4	28-3/8	23	24	3-1/2	22-1/2	2	64	130

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number				
771 .02/3.8	508 .03/2.8	-	-	-	-	-	-	-	-	1101	DP11	670	1/4	2275
846 .03/4.6	613 .03/3.7	-	-	-	-	-	-	-	-	1102		735	1/4	2489
921 .04/5.5	711 .04/4.7	436 .04/4.0	-	-	-	-	-	-	-	1103		800	1/4	2703
996 .05/6.4	804 .05/5.8	571 .06/4.8	-	-	-	-	-	-	-	1104		865	1/4	2918
1070 .06/7.4	894 .07/6.8	688 .07/6.0	405 .06/5.7	-	-	-	-	-	-	1105		930	1/4	3132
1145 .07/8.4	982 .08/7.8	796 .08/7.1	568 .08/6.6	-	-	-	-	-	-	1106		995	1/4	3346
1214 .08/9.4	1062 .09/8.8	890 .1/8.2	691 .1/7.5	406 .09/7.5	-	-	-	-	-	1107		1055	1/4	3561
1289 .1/10.6	1146 .11/10	988 .12/9.5	810 .12/8.7	590 .12/8.5	-	-	-	-	-	1108		1120	1/4	3775
1364 .12/11.8	1230 .13/11.3	1083 .14/10.8	921 .14/10.1	732 .14/9.5	473 .13/9.5	-	-	-	-	1109		1185	1/4	3989
1450 .14/13.1	1325 .15/12.6	1188 .16/12.2	1041 .17/11.4	876 .17/10.8	678 .17/10.6	348 .13/10.6	-	-	-	1110		1260	1/4	4203
1508 .16/13.8	1388 .17/13.3	1258 .18/12.9	1118 .19/12.3	965 .19/11.7	788 .19/11.3	557 .18/11.3	-	-	-	1111	1310	1/4	4418	
1571 .18/14.7	1456 .19/14.3	1332 .2/13.8	1200 .21/13.3	1058 .22/12.6	898 .22/12	707 .21/12	402 .17/12	-	-	1112	1365	1/4	4632	
1623 .2/15.5	1512 .21/15	1393 .22/14.6	1266 .23/14	1131 .24/13.4	982 .24/12.8	810 .24/12.6	586 .22/12.6	-	-	1113	1410	1/4	4846	
1698 .23/16.6	1592 .24/16.2	1479 .25/15.7	1360 .26/15.3	1233 .27/14.6	1096 .28/14	944 .28/13.5	765 .27/13.5	508 .23/13.5	-	1114	1475	1/4	5061	
1755 .25/17.6	1654 .26/17.1	1545 .28/16.7	1430 .29/16.3	1310 .30/15.7	1181 .31/15	1040 .31/14.5	880 .3/14.3	680 .28/14.3	-	1115	1525	1/3	5225	
1824 .28/18.8	1727 .30/18.3	1623 .31/17.9	1513 .32/17.5	1399 .33/17	1278 .34/16.3	1148 .34/15.8	1004 .34/15.4	837 .33/15.4	-	1116	1585	1/3	5390	
1870 .30/19.7	1776 .32/19.2	1674 .33/18.8	1568 .35/18.3	1458 .36/17.9	1341 .37/17.2	1217 .37/16.7	1081 .37/16.2	929 .36/16.1	437 .28/16.1	1117	1625	1/3	5555	
1939 .34/21	1849 .35/21	1751 .37/20	1650 .38/19.6	1544 .4/19.2	1434 .41/18.6	1317 .41/18	1192 .41/17.5	1054 .41/17.3	699 .37/17.3	1118	1685	1/2	5720	
1980 .36/22	1891 .38/21	1795 .39/21	1697 .41/20	1594 .42/20	1487 .43/19.4	1374 .44/18.8	1254 .44/18.3	1123 .44/18	803 .41/18	1119	1720	1/2	5885	
2095 .43/24	2012 .44/24	1922 .46/23	1829 .48/23	1734 .49/22	1634 .50/22	1531 .51/21	1423 .52/21	1307 .52/20	1045 .51/20	1120	1820	1/2	6050	
2129 .45/25	2048 .46/24	1959 .48/24	1869 .50/24	1775 .51/23	1678 .53/23	1577 .54/22	1471 .54/22	1360 .55/21	1109 .54/21	1121	1850	1/2	6214	

Power Ratings (BHP) does not include drive losses.
Performance certified is for installation type A - free inlet, free outlet.
Performance ratings include the effects of birdscreen in the airstream.
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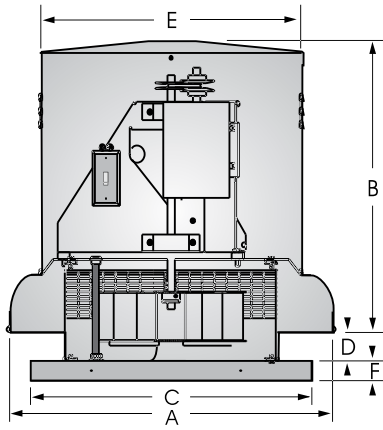


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SIZE 12



Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
18	19-1/2	22-1/4	28-3/8	23	24	3-1/2	22-1/2	2	65	130

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed		
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number						
959	692	-	-	-	-	-	-	-	-	1201	DP15	640	1/4	2371		
.03/3.7	.03/3.0	-	-	-	-	-	-	-	-	1202		690	1/4	2556		
1109	889	576	-	-	-	-	-	-	-	1203		740	1/4	2742		
.04/5.0	.05/4.5	.05/3.5	-	-	-	-	-	-	-	1204		790	1/4	2927		
1184	982	719	-	-	-	-	-	-	-	1205		840	1/4	3112		
.05/5.7	.06/5.2	.06/4.2	-	-	-	-	-	-	-	1206		890	1/4	3297		
1259	1072	839	467	-	-	-	-	-	-	1207		940	1/4	3483		
.06/6.4	.07/5.9	.08/5.1	.07/4.2	-	-	-	-	-	-	1208		990	1/4	3668		
1334	1159	947	653	-	-	-	-	-	-	1209		1040	1/4	3853		
.07/7.0	.08/6.6	.09/6.0	.09/4.9	-	-	-	-	-	-	1210		1090	1/4	4038		
1409	1244	1049	805	390	-	-	-	-	-	1211	DP16	1140	1/4	4224		
.08/7.6	.09/7.2	.10/6.8	.11/5.8	.08/4.9	-	-	-	-	-	1212		1190	1/4	4409		
1484	1329	1148	937	621	-	-	-	-	-	1213		1240	1/4	4594		
.10/8.3	.11/7.9	.12/7.5	.13/6.6	.12/5.7	-	-	-	-	-	1214		1280	1/4	4742		
1559	1412	1244	1052	794	369	-	-	-	-	1215		DP17	1320	1/3	4891	
.11/9.0	.13/8.6	.14/8.3	.14/7.5	.14/6.6	.11/5.8	-	-	-	-	1216			1360	1/3	5039	
1634	1494	1339	1160	943	627	-	-	-	-	1217			1390	1/3	5150	
.13/9.7	.14/9.3	.16/9.0	.16/8.5	.17/7.5	.15/6.6	-	-	-	-	1218			1440	1/2	5335	
1709	1576	1430	1262	1075	813	409	-	-	-	1219			DP18	1480	1/2	5483
.15/10.4	.16/10.1	.18/9.8	.19/9.5	.19/8.4	.18/7.5	.14/6.7	-	-	-	1220				1520	1/2	5632
1784	1657	1519	1362	1191	971	669	-	-	-	1221	1560			1/2	5780	
.17/11.2	.18/10.9	.20/10.6	.21/10.3	.22/9.4	.22/8.4	.19/7.6	-	-	-	1222	1600			1/2	5928	
1859	1737	1607	1459	1300	1113	495	-	-	-	1219	DP19			1480	1/2	5483
.19/12.0	.21/11.7	.22/11.4	.24/11.1	.24/10.5	.25/9.4	.24/8.5	.19/7.8	-	-	1219				1520	1/2	5632
1919	1801	1676	1536	1383	1215	992	699	-	-	1219		1560		1/2	5780	
.21/12.7	.23/12.3	.24/12.1	.26/11.8	.27/11.4	.27/10.3	.27/9.3	.24/8.5	-	-	1219		1600		1/2	5928	
1979	1865	1744	1611	1465	1308	1112	861	495	-	1215		DP19		1320	1/3	4891
.23/13.2	.25/13.1	.26/12.7	.28/12.5	.29/12.2	.30/11.2	.30/10.2	.28/9.3	.22/8.6	-	1216				1360	1/3	5039
2039	1929	1812	1686	1545	1397	1223	999	709	-	1216			1390	1/3	5150	
.25/13.9	.27/13.6	.29/13.5	.30/13.1	.32/12.9	.32/12.1	.33/11.0	.31/10.1	.28/9.3	-	1217			1440	1/2	5335	
2084	1976	1862	1740	1603	1461	1301	1094	839	-	1217			1480	1/2	5483	
.27/14.4	.29/14.1	.30/13.9	.32/13.7	.33/13.4	.34/12.8	.35/11.7	.34/10.8	.32/9.9	-	1218			1520	1/2	5632	
2159	2055	1946	1830	1701	1565	1419	1242	1022	-	1218	1560		1/2	5780		
.30/15.2	.32/15.0	.34/14.8	.35/14.5	.37/14.4	.38/14.0	.38/12.9	.38/11.9	.37/11.1	-	1219	1600		1/2	5928		
2219	2118	2012	1900	1777	1646	1509	1350	1151	579	1219	DP19		1480	1/2	5483	
.33/15.9	.35/15.7	.36/15.5	.38/15.3	.40/15.1	.41/15.0	.42/13.9	.42/12.9	.41/12.0	.32/10.3	1220			1520	1/2	5632	
2279	2181	2078	1970	1853	1726	1595	1451	1272	791	1220		1560	1/2	5780		
.35/16.7	.37/16.4	.39/16.2	.41/16.0	.43/15.8	.44/15.7	.45/14.8	.45/13.9	.45/13.0	.39/11.3	1221		1600	1/2	5928		
2339	2243	2144	2039	1927	1804	1679	1544	1385	961	1221		DP19	1480	1/2	5483	
.38/17.4	.40/17.2	.42/17.0	.44/16.8	.46/16.6	.47/16.4	.48/15.9	.49/14.8	.49/13.8	.45/12.2	1222			1520	1/2	5632	
2399	2306	2209	2108	2001	1882	1760	1633	1489	1109	1222			1560	1/2	5780	
.41/18.1	.43/17.9	.45/17.8	.47/17.6	.49/17.4	.51/17.2	.52/16.9	.52/15.9	.53/14.8	.50/13.1	1222			1600	1/2	5928	

Power Ratings (BHP) does not include drive losses.
 Performance certified is for installation type A - free inlet, free outlet.
 Performance ratings include the effects of birdscreen in the airstream.
 The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for: Installation Type A: free inlet hemispherical sone levels.



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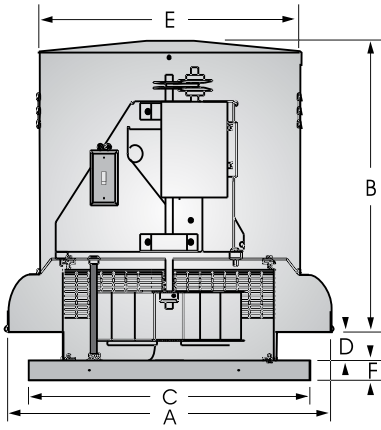




MODEL DB
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



SIZE 14



Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
18	19-1/2	22-1/4	28-3/8	23	24	3-1/2	22-1/2	2	71	140

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed	
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number					
996	514	-	-	-	-	-	-	-	-	1401	DP20	435	1/4	1732	
.02/2.3	.02/1.2	-	-	-	-	-	-	-	-	1402		475	1/4	1891	
1203	901	-	-	-	-	-	-	-	-	1403		525	1/4	2090	
.04/3.6	.04/2.7	-	-	-	-	-	-	-	-	1404		575	1/4	2289	
.05/4.3	.05/3.6	-	-	-	-	-	-	-	-	1405		625	1/4	2488	
1432	1206	791	-	-	-	-	-	-	-	1406		DP21	675	1/4	2687
.06/5.0	.07/4.5	.06/3.4	-	-	-	-	-	-	-	1407			725	1/4	2886
1546	1343	1018	-	-	-	-	-	-	-	1408		DP22	775	1/4	3085
.08/5.9	.08/5.4	.08/4.3	-	-	-	-	-	-	-	1409			825	1/4	3284
1661	1475	1213	-	-	-	-	-	-	-	1410		DP23	875	1/4	3483
.10/6.7	.10/6.2	.10/5.3	-	-	-	-	-	-	-	1411	925		1/4	3682	
1775	1604	1381	1017	-	-	-	-	-	-	1412	DP24	975	1/4	3881	
.12/7.4	.13/7.0	.13/6.3	.11/5.3	-	-	-	-	-	-	1413		1025	1/3	4080	
1890	1731	1535	1240	-	-	-	-	-	-	1414	DP25	1075	1/3	4279	
.15/8.2	.15/7.8	.15/7.3	.14/6.3	-	-	-	-	-	-	1415		1125	1/2	4478	
2004	1857	1680	1439	1065	-	-	-	-	-	1416	1175	1/2	4677		
.18/9.0	.18/8.6	.18/8.2	.18/7.2	.16/6.4	-	-	-	-	-	1417	1225	1/2	4876		
2119	1981	1819	1613	1311	-	-	-	-	-	1418	1260	3/4	5016		
.21/9.9	.21/9.5	.22/9.1	.21/8.3	.20/7.4	-	-	-	-	-	1419	1300	3/4	5175		
2233	2103	1953	1773	1525	1168	-	-	-	-	1420	1350	3/4	5374		
.24/10.9	.25/10.4	.25/10.0	.25/9.4	.24/8.5	.22/7.7	-	-	-	-	1421	1375	3/4	5473		
2348	2225	2085	1923	1714	1425	-	-	-	-	1422	1400	3/4	5573		
.28/11.8	.29/11.4	.29/11.0	.29/10.5	.29/9.6	.27/8.8	-	-	-	-						
2462	2346	2215	2067	1885	1642	1328	-	-	-						
.33/12.8	.33/12.4	.34/12.0	.34/11.7	.34/10.7	.32/9.9	.29/9.1	-	-	-						
2577	2466	2343	2206	2044	1840	1571	-	-	-						
.37/13.7	.38/13.4	.39/13.1	.39/12.6	.39/12.0	.38/11.1	.36/10.3	-	-	-						
2692	2586	2470	2341	2195	2018	1788	1510	-	-						
.42/14.8	.43/14.5	.44/14.1	.44/13.7	.44/13.2	.44/12.3	.42/11.5	.39/10.8	-	-						
2806	2705	2595	2474	2340	2183	1988	1740	1408	-						
.48/15.9	.49/15.5	.50/15.2	.50/14.8	.50/14.4	.50/13.6	.49/12.8	.46/12.0	.42/11.3	-						
2886	2788	2682	2566	2439	2292	2116	1893	1633	-						
.52/16.7	.53/16.3	.54/15.9	.55/15.6	.55/15.2	.54/14.5	.54/13.7	.52/12.9	.48/12.2	-						
2978	2883	2781	2670	2550	2414	2254	2058	1818	-						
.57/17.6	.58/17.2	.59/16.8	.60/16.5	.60/16.1	.60/15.5	.59/14.7	.58/13.9	.55/13.3	-						
3092	3001	2904	2799	2685	2560	2417	2247	2036	-						
.64/18.7	.65/18.3	.66/18.0	.67/17.6	.67/17.3	.67/16.9	.67/16.0	.66/15.3	.64/14.5	-						
3150	3060	2965	2862	2752	2632	2495	2335	2141	1621						
.68/19.3	.69/19.0	.70/18.6	.71/18.2	.71/17.8	.71/17.5	.71/16.7	.70/16.0	.68/15.2	.60/13.9						
3207	3119	3026	2926	2819	2703	2572	2420	2240	1782						
.72/19.9	.73/19.6	.74/19.2	.74/18.8	.75/18.5	.75/18.1	.75/17.4	.74/16.6	.72/15.9	.66/14.5						

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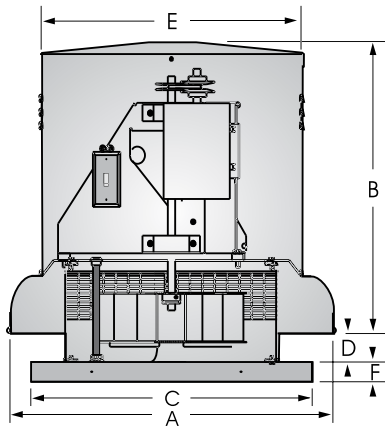


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SIZE 16



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
18	19-1/2	22-1/4	32-1/4	24	24	6	26-1/4	2-1/2	79	145

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed	
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number					
.04/2.9	.04/1.8	-	-	-	-	-	-	-	-	1601	DP26	425	1/4	2030	
.05/3.6	.05/2.6	-	-	-	-	-	-	-	-	1602		465	1/4	2221	
.06/4.3	.07/3.3	-	-	-	-	-	-	-	-	1603		505	1/4	2413	
.07/5.0	.08/4.1	-	-	-	-	-	-	-	-	1604		545	1/4	2604	
.09/5.8	.10/4.9	.10/4.0	-	-	-	-	-	-	-	1605		585	1/4	2795	
.11/6.5	.12/5.7	.12/4.8	-	-	-	-	-	-	-	1606		625	1/4	2986	
.13/7.2	.15/6.4	.15/5.6	-	-	-	-	-	-	-	1607		665	1/4	3177	
.16/8.0	.17/7.2	.18/6.4	.17/6.2	-	-	-	-	-	-	1608		705	1/4	3368	
.19/8.7	.20/7.9	.21/7.2	.21/6.5	-	-	-	-	-	-	1609		745	1/4	3559	
.22/9.5	.24/8.7	.25/8.0	.25/7.4	.20/7.2	-	-	-	-	-	1610		785	1/4	3750	
.23/9.8	.25/9.0	.26/8.3	.26/7.7	.23/7.5	-	-	-	-	-	1611	DP27	800	1/4	3822	
.26/10.3	.27/9.5	.29/8.8	.29/8.2	.27/7.7	-	-	-	-	-	1612		825	1/3	3941	
.28/10.7	.29/10.0	.31/9.2	.31/8.6	.30/8.1	-	-	-	-	-	1613		845	1/3	4037	
.30/11.2	.32/10.4	.33/9.8	.34/9.1	.34/8.6	.25/8.5	-	-	-	-	1614		870	1/3	4156	
.33/11.9	.35/11.1	.37/10.4	.38/9.8	.37/9.3	.33/9.1	-	-	-	-	1615		900	1/2	4300	
.37/12.5	.39/11.8	.40/11.1	.42/10.5	.42/9.9	.40/9.6	-	-	-	-	1616		930	1/2	4430	
.40/13.2	.43/12.5	.44/11.8	.46/11.1	.46/10.7	.45/10.2	.36/9.9	-	-	-	1617		960	1/2	4586	
.46/14.0	.48/13.4	.50/12.7	.51/12.1	.52/11.5	.51/11.2	.48/11.0	-	-	-	1618		DP28	1000	1/2	4778
.54/15.5	.57/14.8	.59/14.1	.60/13.6	.62/13.1	.62/12.6	.60/13.0	.54/12.8	-	-	1619			1060	3/4	5064
.59/16.2	.62/15.6	.64/15.0	.65/14.3	.67/13.8	.67/13.4	.66/13.6	.63/14.4	.45/14.2	-	1620			1090	3/4	5207
.64/17.0	.67/16.4	.69/15.8	.71/15.2	.72/14.6	.73/14.2	.72/14.3	.70/15.1	.60/14.9	-	1621	1120		3/4	5351	
.70/17.9	.73/17.3	.75/16.7	.77/16.2	.79/15.7	.79/15.1	.79/15.0	.78/15.9	.73/15.9	-	1622	1155		3/4	5518	

Power Ratings (BHP) does not include drive losses.
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The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for: Installation Type A: free inlet hemispherical sone levels.



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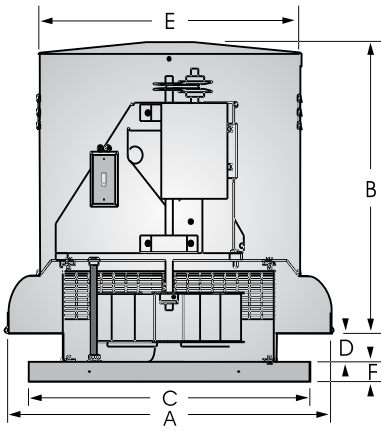




MODEL DB
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



SIZE 18



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
24	24-3/4	27-3/4	32-1/4	24	29-1/2	4-1/2	26-1/4	2-1/2	96	160

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number				
2031 .09/6.4	1663 .10/5.4	1054 .08/5.6	-	-	-	-	-	-	-	1801	DP32	535	1/4	2556
2202 .12/7.3	1874 .12/6.4	1395 .11/6.6	-	-	-	-	-	-	-	1802		580	1/4	2771
2372 .15/8.3	2077 .15/7.4	1679 .15/6.5	-	-	-	-	-	-	-	1803		625	1/4	2986
2543 .18/9.4	2274 .19/8.5	1924 .19/7.6	1431 .17/7.8	-	-	-	-	-	-	1804		670	1/4	3201
2714 .22/10.5	2465 .23/9.6	2151 .23/8.7	1740 .22/9.0	-	-	-	-	-	-	1805		715	1/4	3416
2885 .26/11.5	2653 .27/10.6	2369 .27/9.8	2024 .27/9.0	1531 .24/8.8	-	-	-	-	-	1806		760	1/3	3631
3056 .31/12.5	2838 .32/11.6	2579 .33/10.8	2274 .32/10.0	1873 .30/9.8	-	-	-	-	-	1807		805	1/3	3846
3226 .37/13.4	3022 .38/12.7	2785 .38/11.8	2507 .38/11.1	2168 .37/11.0	1715 .34/10.8	-	-	-	-	1808		850	1/2	4061
3397 .43/14.3	3204 .44/13.6	2986 .45/13.0	2729 .45/12.3	2437 .44/11.5	2061 .42/11.3	-	-	-	-	1809		895	1/2	4276
3568 .50/15.5	3385 .51/14.7	3183 .52/14.0	2944 .52/13.4	2681 .51/12.9	2358 .50/12.8	1965 .46/12.6	-	-	-	1810		940	1/2	4491
3739 .58/16.7	3564 .59/16.0	3375 .60/15.3	3155 .60/14.6	2912 .59/14.0	2635 .58/13.5	2288 .56/13.3	1676 .47/13.1	-	-	1811	985	3/4	4706	
3910 .66/17.9	3743 .67/17.2	3565 .68/16.6	3361 .68/15.9	3135 .68/15.3	2886 .67/14.7	2585 .65/14.4	2235 .62/14.1	-	-	1812	1030	3/4	4921	
4080 .75/19.1	3922 .76/18.5	3752 .77/17.8	3563 .78/17.2	3351 .77/16.6	3123 .77/16.0	2863 .76/15.5	2544 .73/15.3	2167 .68/15.1	-	1813	1075	3/4	5136	
4251 .85/21	4099 .86/19.8	3938 .87/19.1	3762 .88/18.6	3562 .88/18.0	3350 .87/17.4	3117 .86/16.9	2840 .84/16.5	2524 .81/16.1	-	1814	1120	1	5351	
4422 .95/22	4276 .97/21	4123 .98/21	3957 .99/19.9	3770 .99/19.3	3570 .98/18.8	3356 .98/18.2	3115 .96/17.7	2824 .93/17.3	-	1815	1165	1	5566	
4593 1.07/23	4452 1.08/23	4306 1.10/22	4149 1.10/21	3975 1.11/21	3784 1.10/20	3585 1.10/19.6	3368 1.09/19.1	3116 1.07/18.7	2508 .99/18.5	1816	1210	1-1/2	5781	
4764 1.19/25	4628 1.21/24	4488 1.22/23	4339 1.23/23	4176 1.23/22	3995 1.23/22	3808 1.23/21	3607 1.22/21	3386 1.21/20	2841 1.14/19.7	1817	1255	1-1/2	5996	
4935 1.32/26	4804 1.34/25	4669 1.36/25	4527 1.37/24	4373 1.37/24	4204 1.37/23	4025 1.37/23	3837 1.36/22	3635 1.35/22	3140 1.29/21	1818	1300	1-1/2	6211	
5105 1.47/28	4979 1.48/27	4849 1.50/26	4713 1.51/26	4569 1.52/25	4408 1.52/25	4237 1.52/24	4061 1.51/24	3873 1.50/23	3434 1.46/22	1819	1345	1-1/2	6426	
5276 1.62/29	5154 1.64/29	5029 1.65/28	4898 1.67/27	4761 1.67/27	4610 1.68/26	4447 1.68/26	4279 1.67/25	4104 1.67/25	3709 1.63/24	1820	1390	2	6641	
5447 1.78/31	5329 1.80/30	5208 1.82/30	5082 1.83/29	4951 1.84/28	4809 1.84/28	4655 1.85/27	4493 1.84/27	4327 1.84/26	3964 1.81/25	1821	1435	2	6856	
5618 1.95/32	5504 1.97/32	5386 1.99/31	5265 2.01/31	5139 2.02/30	5005 2.02/29	4859 2.02/29	4704 2.02/28	4546 2.02/28	4206 2.00/27	1822	1480	2	7071	

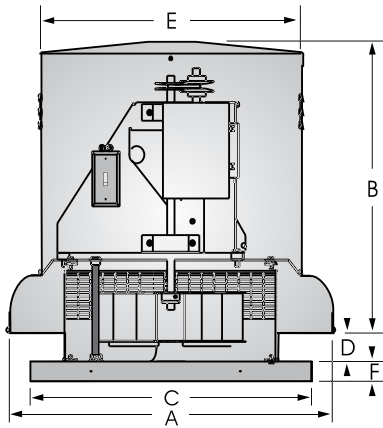
Power Ratings (BHP) does not include drive losses.
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 Performance ratings include the effects of birdscreen in the airstream.
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SIZE 20



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
24	24-3/4	27-3/4	36-3/4	24-1/2	29-1/2	4-1/2	26-1/4	2-1/2	98	215

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number				
2357 .09/5.4	1936 .10/3.9	1151 .09/3.7	-	-	-	-	-	-	-	2001	DP38	440	1/4	2460
2571 .12/6.2	2200 .13/4.8	1617 .12/4.6	-	-	-	-	-	-	-	2002		480	1/4	2683
2785 .15/7.0	2455 .16/5.8	1982 .16/5.1	1098 .13/4.7	-	-	-	-	-	-	2003	DP39	520	1/4	2907
3000 .19/7.9	2701 .20/7.0	2302 .21/6.2	1681 .19/5.9	-	-	-	-	-	-	2004		560	1/4	3130
3214 .23/9.1	2939 .25/8.2	2586 .25/7.3	2098 .25/6.9	1259 .20/6.0	-	-	-	-	-	2005	DP40	600	1/4	3354
3401 .28/9.7	3144 .29/8.8	2822 .30/8.2	2412 .30/7.5	1799 .27/7.2	-	-	-	-	-	2006		635	1/3	3550
3562 .32/10.2	3318 .33/9.4	3021 .34/8.7	2658 .35/8.2	2145 .33/8.3	1281 .26/7.8	-	-	-	-	2007	DP41	665	1/3	3717
3750 .37/10.8	3520 .38/10.1	3248 .40/9.4	2923 .40/9.0	2490 .39/8.5	1880 .35/8.2	-	-	-	-	2008		700	1/2	3913
3910 .42/11.6	3691 .43/10.6	3438 .45/10.0	3134 .46/9.6	2757 .45/9.2	2251 .42/8.9	1438 .35/8.7	-	-	-	2009	DP42	730	1/2	4081
4071 .47/12.3	3861 .49/11.2	3625 .51/10.7	3338 .51/10.2	3007 .52/9.9	2567 .50/9.5	1963 .45/9.3	-	-	-	2010		760	1/2	4248
4285 .55/13.2	4087 .57/12.3	3868 .59/11.7	3604 .60/11.2	3315 .60/10.9	2942 .59/10.5	2469 .56/10.4	1784 .49/10.3	-	-	2011	DP43	800	3/4	4472
4500 .64/14.1	4311 .66/13.4	4106 .67/13.0	3866 .69/12.5	3599 .70/12.0	3283 .70/11.6	2886 .67/11.3	2379 .62/11.1	1594 .52/10.8	-	2012		840	3/4	4696
4687 .72/14.9	4506 .74/14.4	4312 .76/13.9	4091 .78/13.5	3838 .79/13.2	3560 .79/12.7	3210 .78/12.4	2787 .74/12.3	2229 .68/10.9	-	2013	DP44	875	3/4	4891
4901 .82/16.2	4729 .84/15.7	4546 .86/15.2	4341 .88/14.7	4104 .90/14.3	3854 .90/14.0	3553 .90/13.6	3191 .88/13.4	2751 .83/12.9	-	2014		915	1	5115
5089 .92/17.3	4923 .94/16.8	4748 .96/16.4	4557 .98/15.9	4335 1.00/15.5	4098 1.01/15.1	3834 1.01/14.7	3511 1.00/14.4	3133 .96/13.9	2017 .80/13.0	2015	DP44	950	1	5311
5276 1.03/18.4	5117 1.05/17.9	4949 1.07/17.5	4768 1.09/17.1	4562 1.11/16.7	4336 1.12/16.3	4098 1.12/15.9	3811 1.12/15.5	3476 1.10/15.4	2589 .98/15.1	2016		985	1	5506
5517 1.17/19.9	5365 1.20/19.4	5206 1.22/19.0	5036 1.24/18.5	4847 1.26/18.1	4634 1.28/17.8	4416 1.28/17.4	4171 1.28/17.1	3879 1.28/16.8	3156 1.19/16.7	2017	1030	1-1/2	5758	
5705 1.30/21	5558 1.32/21	5405 1.35/20	5242 1.37/19.8	5065 1.39/19.4	4865 1.41/19.0	4655 1.42/18.6	4434 1.42/18.3	4173 1.42/18.0	3532 1.36/17.8	2018	1065	1-1/2	5953	
5892 1.43/22	5750 1.45/22	5602 1.48/22	5447 1.50/21	5280 1.53/21	5092 1.55/20	4889 1.56/19.9	4683 1.56/19.5	4451 1.56/19.2	3874 1.53/19.1	2019	1100	1-1/2	6149	
6107 1.59/24	5970 1.62/24	5828 1.64/23	5679 1.67/23	5521 1.69/22	5346 1.71/22	5154 1.73/21	4985 1.74/21	4751 1.74/21	4236 1.73/20	2020	1140	2	6373	
6294 1.74/25	6161 1.77/25	6024 1.80/24	5881 1.82/24	5730 1.85/24	5566 1.87/23	5384 1.89/23	5194 1.90/22	4999 1.91/22	4535 1.90/21	2021	1175	2	6568	
6482 1.90/27	6353 1.93/26	6220 1.96/26	6082 1.98/25	5937 2.01/25	5782 2.04/25	5610 2.06/24	5426 2.07/24	5241 2.08/24	4821 2.08/24	2022	1210	2	6764	

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AMCA CERTIFIED RATINGS
SOUND and AIR PERFORMANCE
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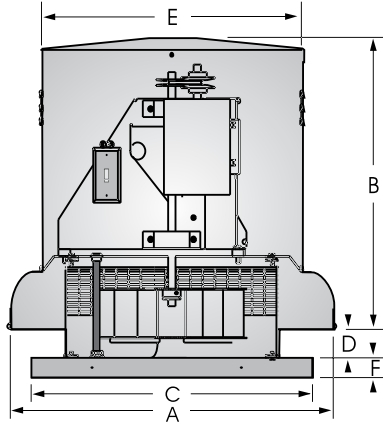




MODEL DB
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



SIZE 24



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
30	30-3/4	33-3/4	41-1/4	26-1/2	35-3/4	8-1/2	30	2-1/2	155	290

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number				
3286	2405	-	-	-	-	-	-	-	-	2401	DP45	330	1/4	2102
.09/5.1	.10/3.9	-	-	-	-	-	-	-	-			365	1/4	2325
3634	2914	-	-	-	-	-	-	-	-	2402	DP46	400	1/4	2548
.12/6.1	.14/5.2	-	-	-	-	-	-	-	-			450	1/4	2867
3983	3364	1948	-	-	-	-	-	-	-	2403	DP47	470	1/3	2994
.16/7.2	.18/6.6	.15/4.8	-	-	-	-	-	-	-			490	1/3	3121
4480	3949	3090	-	-	-	-	-	-	-	2404	DP48	540	1/2	3440
.23/9.0	.25/8.4	.25/6.9	-	-	-	-	-	-	-			560	1/2	3567
4680	4176	3453	1852	-	-	-	-	-	-	2405	DP49	590	3/4	3758
.26/9.7	.28/9.2	.29/7.8	.22/6.8	-	-	-	-	-	-			610	3/4	3886
4879	4400	3751	2388	-	-	-	-	-	-	2406	DP50	645	3/4	4109
.30/10.2	.32/9.7	.33/8.6	.27/7.3	-	-	-	-	-	-			680	1	4332
5376	4952	4436	3483	2055	-	-	-	-	-	2407	DP51	710	1	4523
.40/11.7	.42/11.3	.44/10.8	.41/9.0	.32/8.6	-	-	-	-	-			750	1-1/2	4778
5576	5169	4688	3972	2614	-	-	-	-	-	2408	DP52	785	1-1/2	5000
.44/12.4	.47/11.9	.49/11.5	.48/9.8	.40/8.8	-	-	-	-	-			820	1-1/2	5223
5874	5493	5048	4447	3296	1791	-	-	-	-	2409	DP53	855	2	5446
.52/13.4	.55/12.9	.57/12.5	.57/11.2	.50/9.9	.38/9.8	-	-	-	-			900	2	5733
6073	5706	5282	4735	3702	2487	-	-	-	-	2410	DP54	925	3	5892
.57/14.2	.60/13.5	.63/13.2	.63/12.1	.57/10.6	.48/10.8	-	-	-	-			960	3	6115
6422	6078	5683	5219	4557	3374	1906	-	-	-	2411	DP55	980	3	6243
.68/15.6	.71/14.9	.74/14.3	.75/13.8	.73/12.2	.63/11.3	.49/11.1	-	-	-			1000	3	6370
6770	6447	6077	5670	5117	4097	3051	-	-	-	2412	DP56			
.80/17.0	.83/16.4	.86/15.9	.88/15.3	.87/14.0	.79/13.1	.70/12.4	-	-	-					
7069	6761	6412	6033	5549	4848	3773	2570	-	-	2413				
.91/18.3	.94/17.7	.97/17.2	.99/16.7	1.00/15.5	.96/14.6	.85/14.0	.72/13.8	-	-					
7467	7177	6854	6502	6096	5566	4594	3685	2423	-	2414				
1.07/20	1.10/19.5	1.14/19.0	1.16/18.5	1.18/17.9	1.17/16.7	1.07/16.0	.97/15.4	.80/15.3	-					
7816	7540	7235	6904	6545	6077	5479	4451	3518	-	2415				
1.22/22	1.26/21	1.30/21	1.33/20	1.35/19.7	1.35/18.6	1.32/17.8	1.18/17.2	1.07/16.6	-					
8164	7902	7613	7299	6968	6567	6073	5180	4360	-	2416				
1.40/23	1.43/23	1.47/22	1.51/22	1.53/21	1.54/21	1.53/19.7	1.42/19.0	1.31/18.4	-					
8513	8262	7988	7691	7380	7029	6587	6059	5077	3286	2417				
1.58/25	1.62/24	1.66/24	1.70/24	1.73/23	1.74/23	1.74/22	1.71/21	1.56/20	1.29/20					
8961	8723	8467	8190	7899	7590	7218	6775	6180	4490	2418				
1.85/27	1.89/27	1.93/26	1.97/26	2.00/26	2.03/25	2.04/24	2.02/24	1.97/23	1.69/22					
9210	8979	8731	8464	8182	7888	7550	7136	6665	5053	2419				
2.00/28	2.05/28	2.09/28	2.13/27	2.17/27	2.19/27	2.21/26	2.20/25	2.18/25	1.91/23					
9558	9337	9099	8846	8576	8299	7998	7631	7211	5760	2420				
2.24/30	2.28/30	2.33/29	2.37/29	2.41/28	2.44/28	2.47/28	2.47/27	2.46/26	2.22/25					
9757	9541	9309	9062	8800	8530	8243	7902	7503	6189	2421				
2.38/31	2.43/30	2.47/30	2.52/30	2.56/29	2.59/29	2.62/29	2.63/28	2.62/27	2.42/26					
9956	9744	9518	9278	9023	8760	8483	8166	7789	6753	2422				
2.53/31	2.58/31	2.63/31	2.67/30	2.71/30	2.75/30	2.78/30	2.79/29	2.79/28	2.67/27					

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 Performance certified is for installation type A - free inlet, free outlet.
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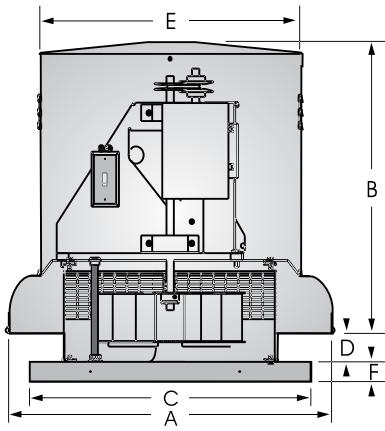


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SIZE 30



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
36	37-1/4	40-3/4	58-3/8	37	42-1/2	5-1/2	41	2-1/2	265	465

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number				
4068 .09/2.7	2456 .09/2.5	-	-	-	-	-	-	-	-	3001	DP53	235	1/3	1871
4588 .13/3.4	3300 .14/3.2	-	-	-	-	-	-	-	-	3002		265	1/3	2110
5107 .18/4.2	4015 .19/3.6	1930 .15/3.4	-	-	-	-	-	-	-	3003		295	1/3	2349
5626 .24/5.0	4681 .26/4.1	3220 .24/3.6	-	-	-	-	-	-	-	3004		325	1/3	2588
6146 .32/5.8	5311 .34/4.7	4149 .33/5.0	-	-	-	-	-	-	-	3005		355	1/3	2827
6665 .40/6.6	5916 .43/5.3	4921 .43/6.2	3455 .38/6.1	-	-	-	-	-	-	3006		385	1/2	3066
7098 .49/7.3	6406 .51/5.9	5512 .52/6.6	4350 .49/6.4	2246 .38/6.8	-	-	-	-	-	3007		410	1/2	3265
7531 .58/8.1	6888 .61/6.7	6081 .62/7.1	5087 .60/7.0	3601 .53/6.9	-	-	-	-	-	3008		435	3/4	3464
8050 .71/9.1	7456 .74/7.6	6735 .76/7.7	5866 .75/8.5	4743 .71/8.2	2961 .59/8.1	-	-	-	-	3009		465	3/4	3703
8483 .83/9.8	7925 .86/8.4	7262 .89/8.2	6468 .89/8.9	5528 .85/8.8	4179 .77/8.0	-	-	-	-	3010		DP57	490	1
8916 .97/10.6	8388 1.00/9.2	7775 1.03/8.7	7047 1.03/9.4	6215 1.01/9.2	5132 .95/8.6	3571 .82/8.8	-	-	-	3011	515		1	4101
9608 1.21/12.0	9124 1.25/10.6	8574 1.30/9.5	7937 1.30/10.2	7213 1.28/11.0	6385 1.25/9.0	5286 1.17/8.9	3788 1.02/8.7	-	-	3012	555		1-1/2	4419
10214 1.46/13.2	9761 1.49/11.7	9257 1.55/10.6	8683 1.55/11.0	8030 1.55/11.7	7315 1.53/12.6	6472 1.48/12.4	5352 1.38/12.2	3860 1.21/21.6	-	3013	590		1-1/2	4698
10820 1.73/14.5	10395 1.77/13.1	9928 1.84/11.8	9405 1.84/11.7	8817 1.85/12.6	8171 1.84/13.3	7460 1.80/13.0	6604 1.74/12.8	5497 1.62/12.7	-	3014	625		2	4977
11339 1.99/15.6	10936 2.03/14.2	10496 2.07/13.1	10010 2.10/12.6	9469 2.13/13.2	8871 2.12/14.0	8231 2.10/14.8	7507 2.05/14.6	6617 196/14.0	4024 1.61/13.8	3015	655		2	5215
11859 2.28/16.7	11474 2.32/15.4	11058 2.36/14.3	10605 2.40/13.4	10104 2.43/14.0	9552 2.43/14.7	8960 2.42/15.4	8319 2.38/15.1	7584 2.32/14.7	5573 2.07/14.5	3016	685		3	5454
12378 2.59/17.9	12011 2.64/16.5	11617 2.68/15.4	11190 2.72/14.4	10724 2.75/14.8	10213 2.77/15.4	9660 2.76/16.1	9076 2.73/16.9	8434 2.69/16.8	6767 2.49/17.9	3017	715		3	5693
12897 2.93/19.1	12546 2.98/17.9	12171 3.02/16.7	11768 3.06/15.7	11332 3.10/15.6	10857 3.13/16.2	10343 3.13/16.9	9798 3.11/17.6	9220 3.07/18.5	7827 2.93/19.4	3018	745		3	5932
13330 3.24/20	12991 3.29/18.9	12630 3.33/17.8	12245 3.37/16.8	11831 3.41/16.4	11383 3.45/16.9	10899 3.46/17.6	10381 3.45/18.3	9841 3.42/19.1	8602 3.31/19.8	3019	770		5	6131
13936 3.70/22	13612 3.75/20	13270 3.80/19.4	12907 3.84/18.3	12520 3.88/17.4	12104 3.92/18.0	11657 3.95/18.6	11179 3.95/19.3	10676 3.93/19.9	9580 3.84/21	3020	805	5	6410	
14542 4.20/23	14232 4.26/22	13907 4.31/21	13563 4.35/19.9	13199 4.40/19.0	12811 4.44/19.1	12396 4.48/19.6	11954 4.49/20	11485 4.48/21	10487 4.41/22	3021	840	5	6689	
15148 4.75/24	14851 4.81/23	14540 4.86/22	14214 4.91/22	13871 4.96/21	13507 5.00/20	13120 5.04/21	12709 5.07/21	12273 5.08/22	11344 5.03/23	3022	875	5	6967	

Power Ratings (BHP) does not include drive losses.
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Performance ratings include the effects of birdscreen in the airstream.
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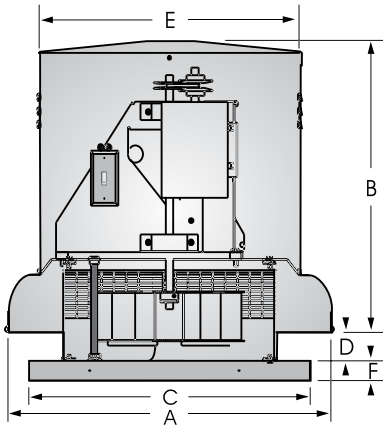




MODEL DB
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



SIZE 36



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
36	37-1/4	40-3/4	58-3/8	37	42-1/2	10	41	2-1/2	275	475

CFM / BHP @ Static Pressure / Sones											Drive Range	RPM	HP	Tip Speed		
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number						
5995	3550	-	-	-	-	-	-	-	-	3601	DP61	210	1/2	1945		
.16/3.9	.14/3.0	-	-	-	-	-	-	-	-	3602		235	1/2	2177		
6708	4887	-	-	-	-	-	-	-	-	3603		260	1/2	2408		
.22/4.9	.22/4.1	-	-	-	-	-	-	-	-	3604		285	1/2	2640		
7422	5964	-	-	-	-	-	-	-	-	3605		DP62	310	1/2	2871	
.30/5.9	.31/5.2	-	-	-	-	-	-	-	-	3606			330	3/4	3057	
8136	6868	4443	-	-	-	-	-	-	-	3607		DP63	355	3/4	3288	
.40/7.0	.42/6.4	.35/5.6	-	-	-	-	-	-	-	3608			370	1	3427	
8849	7708	5686	-	-	-	-	-	-	-	3609			DP64	385	1	3566
.51/8.2	.53/7.7	.48/6.8	-	-	-	-	-	-	-	3610		400		1-1/2	3705	
9420	8361	6793	4157	-	-	-	-	-	-	3611		DP65		415	1-1/2	3844
.62/9.2	.64/8.8	.62/8.0	.49/7.1	-	-	-	-	-	-	3612				430	1-1/2	3983
10134	9166	7936	5730	-	-	-	-	-	-	3613		DP66	445	1-1/2	4122	
.77/10.1	.80/9.7	.80/9.1	.68/8.3	-	-	-	-	-	-	3614			470	2	4353	
10562	9646	8521	6450	3321	-	-	-	-	-	3615			DP67	490	2	4539
.87/10.7	.90/10.3	.91/9.7	.80/8.9	.57/8.8	-	-	-	-	-	3616		510		3	4724	
10990	10122	9075	7268	5137	-	-	-	-	-	3617	535	3		4955		
.98/11.3	1.02/10.8	1.02/10.3	.94/9.7	.80/9.0	-	-	-	-	-	3618	560	3		5187		
11418	10593	9607	8102	6133	-	-	-	-	-	3619	DP67	580	5	5372		
1.10/11.9	1.14/11.4	1.15/10.9	1.09/10.3	.96/9.7	-	-	-	-	-	3620		620	5	5742		
11846	11060	10120	8852	6860	3994	-	-	-	-	3621	DP67	640	5	5928		
1.23/12.6	1.27/12.0	1.28/11.6	1.25/10.9	1.10/10.4	.84/10.2	-	-	-	-	3622		660	5	6113		
12275	11524	10623	9521	7583	5709	-	-	-	-	3623						
1.37/13.3	1.41/12.8	1.43/12.2	1.41/11.6	1.26/11.1	1.11/10.5	-	-	-	-							
12703	11985	11118	10124	8417	6731	-	-	-	-							
1.52/14.3	1.56/13.6	1.58/13.0	1.57/12.4	1.45/11.8	1.31/11.3	-	-	-	-							
13416	12747	11931	11059	9774	7958	6170	-	-	-							
1.79/15.5	1.83/15.0	1.86/14.6	1.86/14.0	1.79/13.3	1.62/12.7	1.44/12.2	-	-	-							
13987	13351	12574	11770	10712	8982	7516	4507	-	-							
2.03/16.7	2.08/16.2	2.10/15.7	2.11/15.2	2.08/14.6	1.90/14.1	1.76/13.5	1.34/13.2	-	-							
14558	13953	13218	12453	11540	10114	8485	6849	-	-							
2.29/17.9	2.34/17.4	2.37/17.0	2.38/16.5	2.37/15.9	2.23/15.2	2.05/14.7	1.86/14.2	-	-							
15272	14701	14015	13287	12489	11391	9739	8401	6406	-							
2.64/19.4	2.69/18.9	2.73/18.5	2.74/18.1	2.74/17.6	2.67/17.0	2.47/16.4	2.32/15.8	2.03/15.6	-							
15986	15445	14803	14106	13387	12494	11151	9603	8338	-							
3.03/21	3.09/21	3.12/20	3.14/19.7	3.15/19.3	3.12/18.7	2.96/18.2	2.75/17.6	2.59/17.1	-							
16556	16038	15427	14754	14078	13283	12187	10640	9371	-							
3.36/22	3.42/22	3.47/22	3.49/21	3.50/21	3.49/20	3.38/19.5	3.15/19.0	2.99/18.5	-							
17698	17218	16663	16040	15416	14752	13951	12842	11372	8936							
4.11/25	4.17/25	4.22/24	4.25/24	4.27/24	4.28/23	4.25/23	4.10/22	3.85/21	3.47/20							
18269	17806	17275	16680	16072	15450	14727	13803	12509	10068							
4.52/26	4.59/26	4.64/26	4.67/25	4.69/25	4.70/25	4.69/24	4.60/24	4.37/23	3.97/22							
18840	18393	17884	17315	16722	16130	15470	14678	13586	11030							
4.96/28	5.03/27	5.08/27	5.12/27	5.14/27	5.16/26	5.15/26	5.11/25	4.93/25	4.46/23							

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