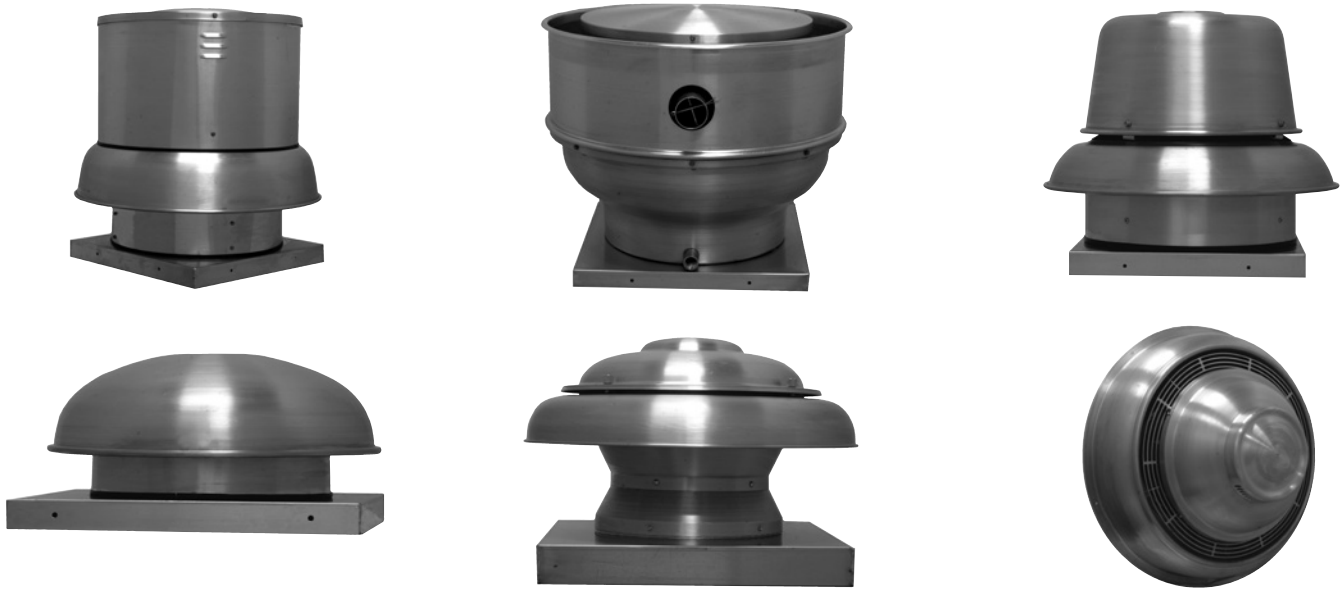




# Spun Aluminum Roof & Sidewall

Belt Drive & Direct Drive • Centrifugal & Propeller



# S&P in the World

At present, S&P is a company that is established and recognized all over the world with its own subsidiaries in Spain, Portugal, France, Great Britain, Holland, Belgium, Germany, Italy, Latvia, Austria, Mexico, the United States, Canada, Romania and Australia; with a network of exclusive, independent distributors in most of the countries of the rest of the world, and an expansive project to continue its growth in the Asian market.



- Subsidiaries
- Distributors
- Factories



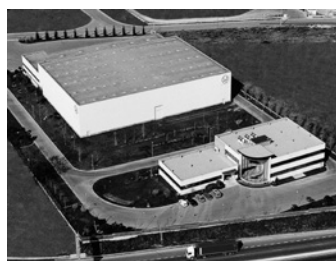
Ripoll Factory (Spain)



Factory in USA



Mexico Factory



Logistics Center in Parets (Spain)



Factory in UK



Factory in France

# S&P: A Global Strategy - A Local Policy

S&P was founded in the locality of Ripoll (Spain) in 1951 by the engineers Eduard Soler and Josep Palau. From the beginning they had the clear vision that the future would depend on the expansion abroad, at first towards Europe, then to continue in the rest of the world markets.



## philosophy

The principle philosophy on which S&P was based on and continues to base its projects are:

**Own technology:** Key to any S&P projects, the concept has to be strong and consolidated over time. It is necessary that it is based on creativity and innovation to provide products, that offer benefits to the market. S&P has registered, throughout its history, over 140 patents, on more than 20 industrial models and some 120 on utility models.

**Internationalization and Growth:** It was clear that the guarantee of the future of the company was to open up to the world and to enter into new markets with high levels of competitiveness. This requires both a constant improvement of the existing products and development of new innovative designs. At present S&P is a world leader in ventilation, with production centers in Europe, America and Asia. A powerful distribution structure, through subsidiaries and exclusive distributors, allows S&P to be present in all the world markets, giving coverage and excellent service.

**Self-financing:** One of the strengths of S&P has been the constant growth and the policy of reinvestment of profits in a continuous technology improvement in the field of research & development, production and commercialization. This has allowed S&P to be a self-financed company with total independence in the decision making.



## basic pillars

On the philosophical principles of the project of S&P, there are some basic pillars on which the company is sustained:

**Personal development:** At S&P we promote the human factor encouraging teamwork, the contribution of ideas, internal promotion and training. We encourage the delegation of responsibilities, giving confidence and full respect of the individual with the aim of ensuring that people feel part of a common project and are reflected by the Company's values.

**Excellence in the management:** Factors we consider fundamental are dedication, honesty, self demand, and determination to do all things well, to achieve the levels of quality and service required by our customers.

**Research:** In the R+D+I department, more than 60 engineers and technicians, equipped with the most modern design systems, work to obtain products with the best features. Sophisticated software allows the simulation of the behavior of the equipment already in the process of design. The goal is clear: A commitment to our customers to achieve the quality levels they expect from us.

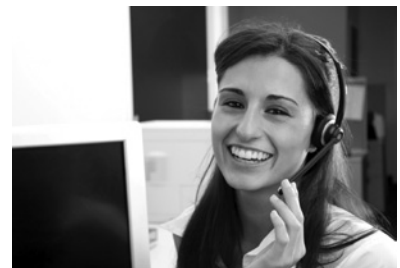
**Product:** Today the S&P catalog offers a range of ventilation products, both commercial and residential, with solutions for every need. With constant development work to ensure our customers and end users, not only the choice of the best model, but also the required design for ease of installation, and a full guarantee.

**Quality:** At S&P the contribution to the final quality begins in the design of the products. From that point on, quality remains at the center of the development throughout the company, finishing in the after-sales service. For this reason, our company is recognized all over the world for its high level of reliability of all the products offered in our catalog.



**Customer service:** In a market as competitive as the current one it is simply not enough to produce excellent quality. A company should offer products and a wide range of services for its customers and consultants. At S&P this principle is very clear. Thus, our customers know that they have at disposal:

- Salesmen with high technical skills
- Technical Support Service and a software designed by S&P to help professionals to choose the most suitable product for every case and a complete website on which S&P, besides showing its catalog, puts much of the knowledge accumulated throughout more than 60 years of experience of the company at the professional's disposal.



**Respect for the environment:** A policy that was not respectful with the environment would be incompatible with the S&P philosophy. Our actions today implicate us deeply in the legacy that we are going to leave our children.







# QUICK SELECTION & WARRANTY GUIDE

Use this guide to find the S&P fans best suited for your application. The color coded guide helps you easily find the section within this catalog.

Model	Mounting Location				Airflow		Application							Drives		Impeller Type			Warranty			
	Roof Curb	Floor/Base	Hanging	Wall	Ceiling	Exhaust	Supply	General/Clean Air	Contaminated Air	Spark Resistant	Grease/Restaurant (UL762)	Smoke Control (UL)	High Wind Load (certified)	High Temp above 200° F	Energy Recovery	Belt	Direct	Centrifugal	Propeller	Mixed Flow	Fan (years)	Motor (years)
LPD	X			X		X		X		X							X	X			5	3
RED	X					X		X		X							X	X			5	1
eRED	X					X		X		X							X	X			5	1
DB	X					X		X		X		X			X			X			5	1
TXB	X			X		X		X		X		X	X		X			X			5	1
TXB-RHUL	X					X		X		X	X	X	X		X			X			2	1
TXD	X			X		X		X		X							X	X			5	1
TXD-RHUL	X					X		X		X	X				X			X			2	1
CWD				X		X		X		X							X	X			5	1
ARE/ARS	X					X	X	X									X		X		5	1

## Centrifugal Roof and Sidewall Fans

See Warranty Statement on Page 6



## *Limited Warranty*

**Soler & Palau Canada** 5600 Ambler Rd. Mississauga ON. warrants equipment of its manufacture to be free from defects in design, materials and workmanship (exclusive of abrasion, corrosion or erosion) for one (1) , two (2) or five (5) year(s) as noted from the date of shipment to the original purchaser or the date of notification of readiness to ship. Motor warranty is one (1) or three (3) year(s) as noted. In order to claim the benefit of this warranty, buyer must notify manufacturer in writing of the claimed defect within ten (10) days after discovering it and return this equipment or parts to the manufacturer with transportation prepaid. In the event of on-site repair, no service technician will be dispatched until manufacturer receives your written purchase order. If any of the following conditions exist, the warranty will be null and void: (1) Buyer has permitted other persons not approved or authorized by manufacturer to alter, adjust, replace or repair the equipment or any part thereof. (2) Buyer has not followed instructions or other directions given in the contract documents or our maintenance manual. (3) When breakage or other loss or damage is the result of any negligence, misuse or fault on the part of any operator or other person not under our supervision or control. (4) The defect is the result of designs or drawings made, furnished or specified by others. (5) In the case of goods not manufactured but supplied by the manufacturer as part of a contract, manufacturer shall only be liable to the same extent that our supplier is to manufacturer, not to exceed any liability manufacturer would have for warranty on our own equipment. (6) Buyer has not paid in full invoices submitted to the buyer which are due for payment. (7) Unusual wear and tear of the equipment.

Statements relating to the product, its use or installation made prior to the execution of the agreement, are not warranties except to the extent that the contrary is expressly set forth herein. It is understood that such statements were not intended to, and did not, form a part of the agreement; they were merely made in the course of negotiations of the parties.

THIS WARRANTY IS IN LIEU OF ANY OTHER EXPRESSED OF IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. OUR SOLE AND EXCLUSIVE OBLIGATION UNDER THIS WARRANTY IS TO REPAIR OR REPLACE DEFECTIVE EQUIPMENT OR PARTS OR, AT OUR OPTION, TO PAY THE REASONABLE COST OF REPAIR OR REPLACEMENT. BUYER AGREES THAT NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES, DAMAGE FOR LOST PROFITS OR SALES, OR DAMAGES FOR INJURIES TO PERSON OR PROPERTY) SHALL BE AVAILABLE. NOTWITHSTANDING THE ABOVE, THE TOTAL AMOUNT THAT MAY IN ANY EVENT BE PAYABLE IN SETTLEMENT OR LIABILITY, HOWEVER INCURRED, SHALL NOT EXCEED THE CONTRACT PRICE.

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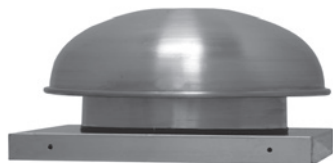
**MODEL ARE & ARS**

**83**



# MODEL LPD

## LOW PROFILE DIRECT DRIVE CENTRIFUGAL ROOF/SIDEWALL EXHAUSTER



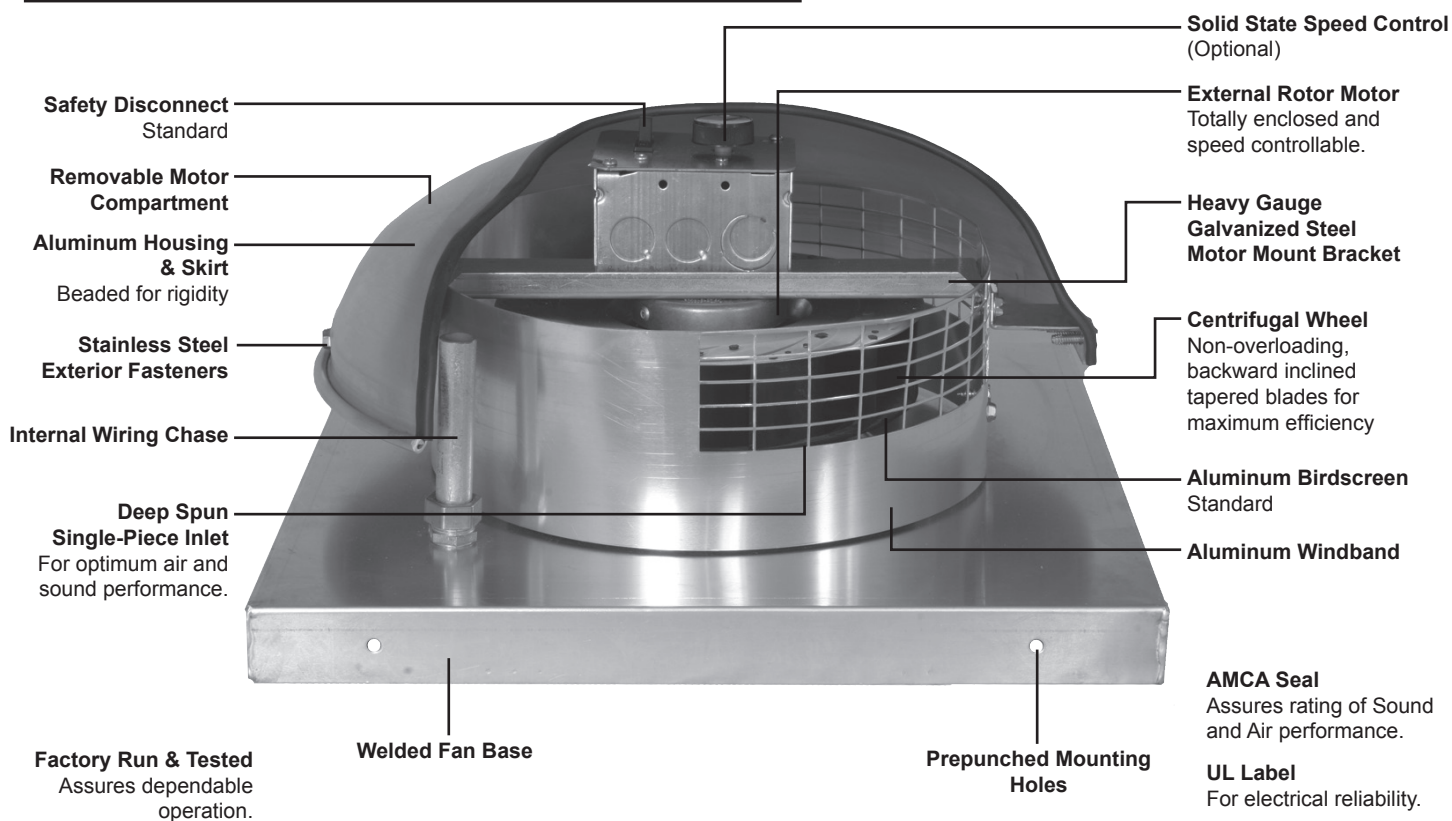
### MODEL FEATURES

- Exhaust air up to 420 CFM in high static pressure applications up to 1-3/4" w.g.
- Low profile attractive spun aluminum exterior
- Direct drive units have low sound levels and quiet operation
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- Roof or sidewall mounting options
- AMCA Air and Sound Licensed
- cULus 705 Listed

### MODEL OVERVIEW

Model LPD direct drive fans are designed to exhaust air in low CFM, up to 420, high static pressure applications to 1-3/4". When aesthetics are a concern the low profile design of the LPD is the perfect choice. The LPD is generally used for bathroom, office, or light commercial ventilation in ducted systems; and can be mounted either on the roof or wall as the application requires.

### CONSTRUCTION FEATURES AND OPTIONS



**Industry best 5 year fan housing warranty, 3 year motor warranty**

All specifications are subject to change without notice unless approved in submittal by Soler & Palau.





## **CONSTRUCTION/SPECIFICATION CHECKLIST**

### **Housing**

- Ultra low profile, aluminum construction.
- Curb cap has integral deep spun inlet for efficient performance and prepunched mounting holes for ease of installation.
- Spun aluminum hood and skirt for weather protection and attractive appearance.
- Up to 140°F airstream temperature.
- Heavy-gauge motor support for rigidity and strength.
- Quick access to motor compartment for ease of maintenance.
- Conduit passage for easy electrical connection from below roof.
- Birdscreen included on standard all models

### **Wheel**

- Backward inclined for efficiency at higher static pressure.
- Non-overloading for safe operation in ducted systems.
- Tapered blades for efficiency and quiet operation.
- Wheels constructed of noncorrosive aluminum.
- Statically and dynamically balanced for smooth operation.

### **Speed Controllable Motors**

- Unique external rotor design.
- Permanently lubricated bearings.
- Internal thermal protection.
- Standard motors are single speed, speed controllable, totally enclosed.
- All motors are rated for continuous duty.
- Disconnect is standard.
- 115V, 230V and 60/50 motor options.

### **Certifications**

- AMCA Air and Sound Licensed.
- cULus 705 Listed Power Roof Ventilator label assures electrical reliability.
- UL label must be specified when needed.



## OPTIONS/ACCESSORIES

**Solid State Speed Control:** S&P's solid state control is matched to allow smooth RPM variation and adjustment of airflow for system balancing. CFM is reduced in direct proportion to motor speed reduction. Speed controllers available for 115/1 or 230/1 operation. Exhauster performance can be controlled from the ventilated area.



**Roof Curb:** Prefabricated heavy-gauge galvanized steel, clip lock, 14" 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. Welded & custom curbs available.

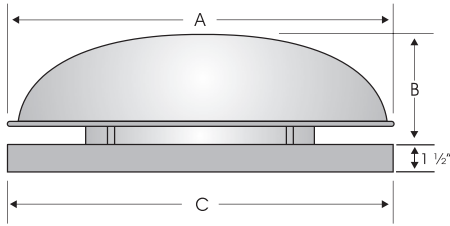
**Motor Operated Damper:** Motor operated aluminum damper for positive closure against backdraft.



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

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

**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.

**PERFORMANCE/DIMENSIONS**

Size	O.D. Damper	Roof Opening	Curb O.D.	A	B	C	Average Ship Wt. Lbs.
6	11	11-3/4	14-3/4	16-1/2	7	16-1/2	12
8	11	11-3/4	14-3/4	16-1/2	7	16-1/2	15

**60 Hz**

Model LPD	CFM @ Static Pressure											RPM (Nom.)	Max Motor Watts & Amps	Sones @ 1/2"
	0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4			
LPD06A60 115/1/60	302	268	247	222	197	175	155	118	87	52	-	2800	90 / 0.8	7.2
LPD08A60 115/1/60	387	358	331	303	275	245	222	178	138	98	63	2775	115 / 1.0	11.9
LPD06C60 230/1/60	293	263	245	225	204	184	167	128	82	57	-	2900	90 / 0.4	9.1
LPD08C60 230/1/60	423	381	350	316	292	265	238	188	140	97	52	2950	115 / 0.5	14.1

**50 Hz**

Model LPD	CFM @ Static Pressure											RPM (Nom.)	Max Motor Watts & Amps	Sones @ 1/2"
	0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4			
LPD06C50 230/1/50	279	252	232	213	196	172	156	115	67	-	-	2700	65 / 0.3	9.1
LPD08C50 230/1/50	390	345	317	292	263	237	213	161	105	43	-	2725	85 / 0.43	14.1

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. Speed (RPM) shown is nominal. Performance is based on actual speed of test.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models LPD 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.

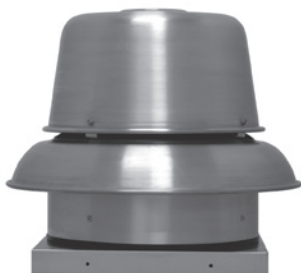


S&P patented motorized impellers typically exceed manufacturer's RPM ratings as shown in the AMCA certified performance table above. Motor manufacturer's published ratings are:

LPD06A60: 115/1/60/TE, 2600 RPM      LPD08A60: 115/1/60/TE, 3050 RPM  
 LPD06C60: 230/1/60/TE, 2600 RPM      LPD08C60: 230/1/60/TE, 3050 RPM  
 LPD06C50: 230/1/50/TE, 2500 RPM      LPD08C50: 230/1/50/TE, 2700 RPM

# MODEL RED

## DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER



### MODEL FEATURES

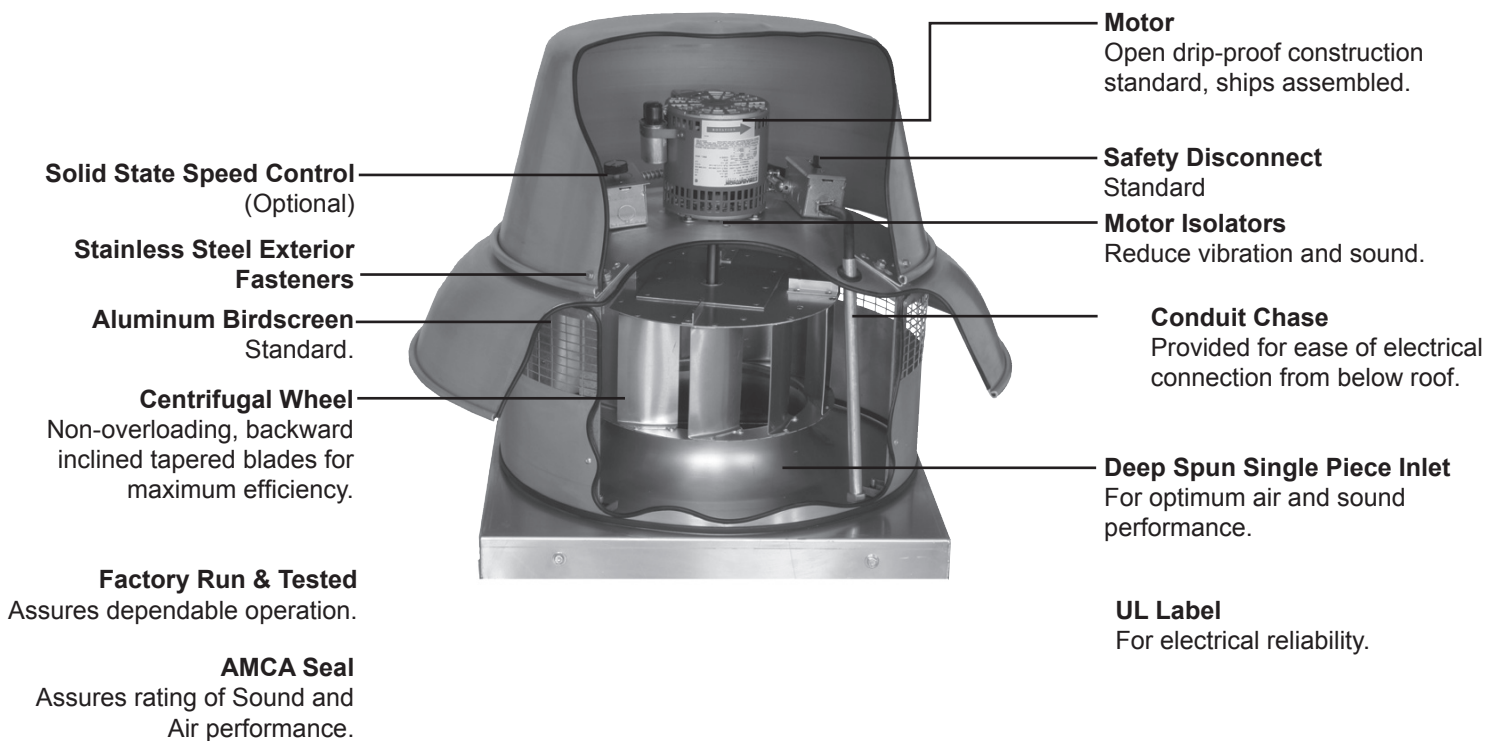
- Exhaust air up to 3,000 CFM in high static pressure applications up to 1" w.g.
- Attractive spun aluminum exterior
- Direct drive units have low sound levels and quiet operation
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- AMCA Air and Sound Licensed
- cULus 705 Listed

### MODEL OVERVIEW

Model RED direct drive fans are designed to exhaust air up to 3,000 CFM in high static pressure applications to 1". The spun aluminum exterior provides an attractive appearance. 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.

The RED is generally used to exhaust air from all types of commercial and institutional buildings such as hospitals and health care facilities, schools, recreational buildings, machinery and equipment rooms, offices, retail stores and similar applications.

### CONSTRUCTION FEATURES AND OPTIONS



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

All specifications are subject to change without notice unless approved in submittal by Soler & Palau.





## **CONSTRUCTION/SPECIFICATION CHECKLIST**

### **Housing**

- Curb cap has integral deep spun inlet for efficient performance and prepunched mounting holes for ease of installation.
- Fan plate isolates motor compartment from contaminated exhaust air.
- Spun aluminum hood and skirt for weather protection and attractive appearance.
- Heavy-gauge motor support for rigidity and strength.
- Neoprene isolators for reduction of vibration and sound.
- Quick access to motor compartment for ease of maintenance.
- Conduit passage for easy electrical connection from below roof.
- Birdscreen and included on standard models.

### **Wheel**

- Backward inclined for efficiency at higher static pressure.
- Non-overloading for safe operation in ducted systems.
- Tapered blades for efficiency and quiet operation.
- Wheels constructed of noncorrosive aluminum.
- Statically and dynamically balanced for smooth operation.

### **Speed Controllable Motors**

- Brands are nationally recognized and locally serviced.
- Motors are single speed, speed controllable and drip-proof.
- All motors are rated for continuous duty.
- Disconnect is standard.
- Motors ship mounted as standard.

### **AMCA Seal**

- Assures rating of Air and Sound performance.

### **UL Label**

- UL 705 Listing assures electrical reliability.
- UL 705 must be specified when required.



**MODEL RED**

**DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER**



## OPTIONS/ACCESSORIES

**Solid State Speed Control:** S&P's solid state control is matched to the motor and blower wheel to allow continuous reduction in performance allowing adjustments of airflow for system balancing. CFM is reduced in direct proportion to motor speed reduction. Speed control is available for 115 or 230 volt single phase. Exhauster performance can be controlled from the ventilated area.



**Roof Curb:** Prefabricated heavy-gauge galvanized clip lock, 14" high with 1-1/2" wood nailer. Assures perfect fit of exhauster to roof curb. Options include burglar bars, single and double pitch construction, and additional curb heights. Welded & custom curbs available.

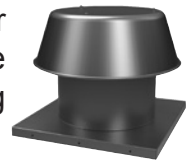
**Sound Curb:** Option of thermal acoustical lining or a complete maximum sound attenuating baffle system. Provision for mounting damper is available. Contact factory for information regarding effect on exhauster air performance and sound level.

**Motor Operated Aluminum Damper:** Motor operated for positive closure against backdraft.



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

**Companion Gravity Units:** Model RCX-II comes in a wide range of sizes and air capacities to provide relief or intake air to the system. Curbs and dampers are available to fit all sizes. Spun aluminum hoods provide a pleasing appearance, complementing the Model DB exhauster.



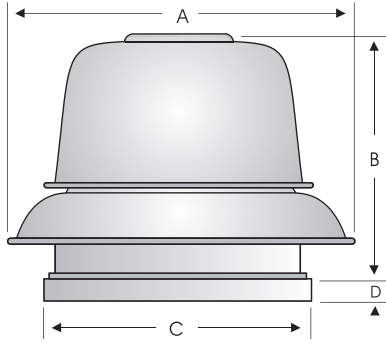
**Curb Hinge Arrangement:** The curb hinge arrangement provides easy access to the exhaust fan, backdraft damper, and duct for servicing and cleaning.

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



## PERFORMANCE/DIMENSIONS

### Model RED6



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
11	11	11-3/4	14-3/4	21-3/4	12	16-1/2	1-3/4	50

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings

CFM/BHP @ Static Pressure/Sones										HP	RPM (Nom.)	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	Catalog Number			
46	27	-	-	-	-	-	-	-	RED6 CS+	1/10	1050	2237
.02/3.4	.02/2.8	-	-	-	-	-	-	-				
59	45	29	-	-	-	-	-	-	RED6 CS+	1/10	1350	2876
.03/6.2	.03/5.3	.03/5.3	-	-	-	-	-	-				
75	63	51	39	26	-	-	-	-	RED6 C*	1/10	1700	3621
.04/11.1	.04/9.8	.04/9.3	.04/9.4	.04/9.4	-	-	-	-				
85	54	-	-	-	-	-	-	-	RED6 CLS+	1/10	950	2024
.02/2.8	.02/2.2	-	-	-	-	-	-	-				
108	85	53	-	-	-	-	-	-	RED6 CLS+	1/10	1200	2556
.03/4.7	.03/3.9	.03/3.9	-	-	-	-	-	-				
130	112	90	61	-	-	-	-	-	RED6 CLS+	1/10	1450	3089
.04/7.5	.04/6.4	.04/6.3	.04/6.3	-	-	-	-	-				
153	137	120	100	76	-	-	-	-	RED6 CL*	1/10	1700	3621
.05/11.1	.06/9.8	.06/9.3	.05/9.4	.05/9.4	-	-	-	-				
224	133	-	-	-	-	-	-	-	RED6 S+	1/10	950	2024
.02/2.5	.02/2.4	-	-	-	-	-	-	-				
236	152	-	-	-	-	-	-	-	RED6 S+	1/10	1000	2130
.02/2.8	.02/2.8	-	-	-	-	-	-	-				
248	171	-	-	-	-	-	-	-	RED6 S+	1/10	1050	2237
.02/3.2	.02/3.1	-	-	-	-	-	-	-				
260	187	-	-	-	-	-	-	-	RED6 S+	1/10	1100	2343
.02/3.5	.02/3.5	-	-	-	-	-	-	-				
272	204	-	-	-	-	-	-	-	RED6 S+	1/10	1150	2450
.03/3.9	.03/3.8	-	-	-	-	-	-	-				
284	219	118	-	-	-	-	-	-	RED6 S+	1/10	1200	2556
.03/4.2	.03/4.2	.02/4.3	-	-	-	-	-	-				
295	234	146	-	-	-	-	-	-	RED6 S+	1/10	1250	2663
.03/4.6	.03/4.6	.03/4.7	-	-	-	-	-	-				
307	249	170	-	-	-	-	-	-	RED6 S+	1/10	1300	2769
.03/5.0	.03/5.0	.03/5.1	-	-	-	-	-	-				
319	264	191	-	-	-	-	-	-	RED6 S+	1/10	1350	2876
.03/5.4	.03/5.4	.03/5.5	-	-	-	-	-	-				
331	278	210	-	-	-	-	-	-	RED6 S+	1/10	1400	2982
.04/6.2	.04/5.8	.04/5.9	-	-	-	-	-	-				
343	293	229	131	-	-	-	-	-	RED6 S+	1/10	1450	3089
.04/6.2	.04/6.2	.04/6.3	.04/6.4	-	-	-	-	-				
354	307	246	162	-	-	-	-	-	RED6 S+	1/10	1500	3195
.04/6.6	.04/6.6	.04/6.7	.04/6.9	-	-	-	-	-				
366	320	263	188	-	-	-	-	-	RED6 S+	1/10	1550	3302
.05/7.0	.05/7.0	.05/7.2	.04/7.3	-	-	-	-	-				
378	334	279	211	-	-	-	-	-	RED6 S+	1/10	1600	3408
.05/7.4	.05/7.5	.05/7.6	.05/7.8	-	-	-	-	-				
390	347	295	232	134	-	-	-	-	RED6*	1/10	1650	3515
.05/7.9	.05/8.0	.05/8.1	.05/8.2	.05/8.4	-	-	-	-				

(1) Model RED 6 C series has choke plate.

Model RED 6 S requires speed control for listed rpm.

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 fan sone levels.

\* Base Unit-AMCA Seal for Sound Rating does not apply to units with speed control.

+ RPM range capable with solid state speed control.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models RED 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.

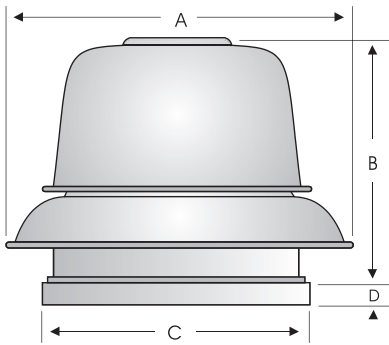




**MODEL RED**  
DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**Models RED8 and RED10**



Size	Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
	I.D.	O.D.							
RED812/810	11	11	11-3/4	14-3/4	21-3/4	13-1/2	16-1/2	1-3/4	50
RED8167	11	11	11-3/4	14-3/4	21-3/4	15-3/4	16-1/2	1-3/4	50
RED10	11	11	11-3/4	14-3/4	21-3/4	17-1/4	16-1/2	1-3/4	50

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings

	CFM/BHP @ Static Pressure/Sones										HP	RPM (Nom.)	Tip Speed	
	0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	Catalog Number				
<b>RED8</b>	409 .02/2.5	238 .02/1.8	-	-	-	-	-	-	-	-	RED812 S+	1/25	750	1995
	464 .03/3.3	325 .03/2.7	-	-	-	-	-	-	-	-	RED812 S+	1/25	850	2261
	518 .03/4.1	399 .03/3.6	216 .03/3.1	-	-	-	-	-	-	-	RED812 S+	1/25	950	2527
	573 .04/4.9	468 .04/4.5	326 .04/4.1	-	-	-	-	-	-	-	RED812 *	1/25	1050	2793
	627 .05/5.9	535 .05/5.5	417 .05/5.1	249 .05/4.7	-	-	-	-	-	-	RED810 S+	1/10	1150	3059
	682 .06/6.8	599 .07/6.4	496 .07/6.0	362 .06/5.7	183 .05/5.6	-	-	-	-	-	RED810 S+	1/10	1250	3325
	736 .08/7.8	661 .08/7.4	569 .08/7.0	460 .08/6.7	314 .07/6.5	-	-	-	-	-	RED810 S+	1/10	1350	3591
	791 .09/8.9	721 .10/8.4	638 .10/8.0	545 .10/7.7	425 .09/7.5	276 .08/7.4	-	-	-	-	RED810 S+	1/10	1450	3857
	818 .10/9.4	751 .10/8.9	672 .11/8.5	584 .11/8.3	476 .10/8.0	340 .09/7.8	170 .08/7.7	-	-	-	RED810 S+	1/10	1500	3990
	845 .11/10.0	781 .11/9.5	705 .12/9.1	622 .12/8.8	523 .11/8.6	398 .11/8.3	251 .09/8.2	-	-	-	RED810 S+	1/10	1550	4123
<b>RED10</b>	954 .16/12.1	897 .16/11.6	836 .16/11.1	764 .16/10.8	688 .16/10.6	600 .16/10.3	494 .15/10.1	371 .14/10.0	233 .12/9.9	-	RED825 *	1/4	1750	4655
	808 .06/4.9	640 .06/4.2	403 .05/4.0	-	-	-	-	-	-	-	RED1025 S+	1/4	900	2889
	897 .07/5.9	750 .07/5.2	559 .07/5.0	299 .06/4.7	-	-	-	-	-	-	RED1025 S+	1/4	1000	3210
	987 .09/6.8	856 .09/6.3	696 .09/5.8	489 .08/5.6	-	-	-	-	-	-	RED1025 S+	1/4	1100	3531
	1077 .12/7.9	958 .12/7.4	821 .12/7.0	648 .11/6.8	438 .10/6.7	-	-	-	-	-	RED1025 S+	1/4	1200	3852
	1167 .15/9.0	1058 .15/8.5	936 .15/8.1	790 .14/7.9	615 .13/7.7	405 .11/7.5	-	-	-	-	RED1025 S+	1/4	1300	4173
	1256 .18/10.2	1156 .18/9.7	1046 .18/9.3	920 .18/9.1	769 .17/8.9	597 .16/8.7	390 .14/8.5	-	-	-	RED1025 S+	1/4	1400	4494
	1346 .22/11.5	1253 .22/11.0	1152 .22/10.6	1042 .22/10.3	910 .21/10.1	762 .20/9.9	594 .18/9.8	393 .16/9.6	-	-	RED1025 S+	1/4	1500	4815
	1391 .25/12.1	1301 .25/11.7	1204 .25/11.3	1099 .24/10.9	977 .23/10.7	838 .22/10.5	682 .21/10.4	504 .19/10.2	279 .16/10.1	-	RED1025 S+	1/4	1550	4976
	1436 .27/12.8	1348 .27/12.4	1256 .27/12.0	1155 .26/11.7	1041 .26/11.4	910 .25/11.2	766 .24/11.0	604 .22/10.8	412 .16/10.7	-	RED1025 *	1/4	1600	5136
1481 .29/13.5	1396 .29/13.0	1307 .29/12.6	1211 .29/12.3	1104 .28/12.1	981 .27/12.0	845 .26/11.8	695 .25/11.6	524 .23/11.4	-	RED1033 S+	1/3	1650	5297	
1526 .32/14.2	1443 .32/13.8	1358 .32/13.3	1265 .32/12.9	1165 .13/12.7	1048 .30/12.6	921 .29/12.4	781 .28/12.3	625 .26/12.1	-	RED1033 *	1/3	1700	5457	

(1) Models with S in the number require speed control. 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 fan sone levels. \* Base Unit-AMCA Seal for Sound Rating does not apply to units with speed control. + RPM range capable with solid state speed control. Speed (RPM) shown is nominal. Performance is based on actual speed of test.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models RED 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.



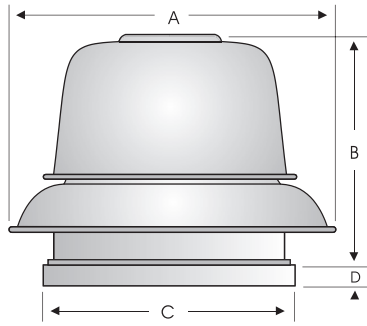




**MODEL RED**  
DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**Models RED12 and RED15**



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
18	18	19-1/4	22-1/4	33-1/8	23-1/2	24	2	124

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings

	CFM/BHP @ Static Pressure/Sones									HP	RPM (Nom.)	Tip Speed	
	0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1				Catalog Number
<b>RED12</b>	1209 .07/6.5	959 .08/5.8	708 .08/5.4	456 .08/5.3	-	-	-	-	-	RED1216 S+	1/4	900	3393
	1277 .08/7.1	1042 .09/6.4	797 .09/6.0	570 .09/5.8	-	-	-	-	-	RED1216 S+	1/4	950	3582
	1344 .10/7.6	1123 .10/6.9	884 .10/6.6	674 .10/6.3	423 .10/6.2	-	-	-	-	RED1216 S+	1/4	1000	3770
	1411 .11/8.2	1202 .11/7.6	970 .12/7.1	771 .12/7.0	553 .12/6.9	-	-	-	-	RED1216 S+	1/4	1050	3959
	1478 .13/8.9	1280 .13/8.2	1057 .13/7.8	863 .14/7.5	665 .14/7.4	419 13/7.2	-	-	-	RED1216 S+	1/4	1100	4147
	1545 .14/9.6	1356 .15/8.9	1144 .15/8.4	952 .15/8.2	769 .15/8.0	558 .15/7.8	-	-	-	RED1216*	1/4	1150	4336
	1613 .16/10.2	1432 .16/9.6	1231 .16/9.1	1040 .17/8.8	866 .17/8.6	678 .17/8.4	442 .16/8.2	-	-	RED1250 S+	1/2	1200	4524
	1680 .18/11.0	1506 .18/10.2	1317 .18/9.7	1126 .19/9.5	960 .19/9.3	786 .20/9.1	587 .19/8.9	-	-	RED1250 S+	1/2	1250	4713
	1747 .20/11.7	1580 .20/11.0	1401 .21/10.3	1212 .21/10.1	1050 .22/9.9	888 .22/9.8	710 .22/9.5	491 .20/9.1	-	RED1250 S+	1/2	1300	4901
	1814 .22/12.5	1653 .23/11.8	1484 .23/11.1	1299 .23/10.8	1139 .24/10.6	984 .42/10.4	821 .24/10.3	633 .23/10.0	376 .21/9.8	RED1250 S+	1/2	1350	5090
	1881 .25/13.2	1726 .25/12.5	1565 .26/11.8	1387 .26/11.7	1226 .26/11.4	1077 .27/11.2	924 .27/11.0	757 .27/10.7	556 .25/10.5	RED1250 S+	1/2	1400	5278
	1949 .28/14.0	1798 .28/13.3	1645 .28/12.6	1474 .28/12.3	1312 .29/12.1	1168 .30/12.0	1023 .30/11.8	869 .30/11.6	695 .29/11.4	RED1250 S+	1/2	1450	5467
	2016 .30/14.8	1870 .31/14.1	1723 .31/13.4	1560 .31/13.0	1398 .32/12.8	1257 .32/12.6	1118 .33/12.5	974 .33/12.4	817 .33/12.2	RED1250 S+	1/2	1500	5655
	2083 .33/15.6	1942 .34/14.9	1801 .34/14.3	1645 .34/13.8	1484 .35/13.6	1344 .35/13.4	1210 .36/13.3	1073 .36/13.1	929 .36/12.9	RED1250 S+	1/2	1550	5844
	2150 .37/16.4	2013 .37/15.7	1878 .37/15.5	1729 .38/14.6	1572 .38/14.4	1430 .39/14.2	1300 .39/14.0	1170 .40/13.8	1034 .40/13.7	RED1250 S+	1/2	1600	6032
2217 .40/17.3	2084 .40/16.6	1954 .41/15.9	1812 .41/15.3	1660 .41/15.2	1516 .42/15.0	1389 .43/14.8	1263 .43/14.6	1134 .44/14.5	RED1250 S+	1/2	1650	6221	
2284 .44/18.2	2155 .44/17.5	2029 .45/16.8	1893 .45/16.2	1747 .45/16.0	1602 .46/15.8	1476 .46/15.6	1354 .47/15.4	1231 .48/15.3	RED1250 S+	1/2	1700	6409	
2352 .48/18.9	2226 .48/18.3	2104 .48/17.6	1973 .49/17.0	1832 .49/16.7	1689 .49/16.5	1562 .50/16.3	1443 .51/16.2	1324 .52/16.0	RED1250*	1/2	1750	6598	
1958 .13/6.9	1599 .14/6.3	1212 .13/6.1	759 .12/6.0	-	-	-	-	-	RED1550 S+	1/2	750	3270	
2089 .16/7.7	1756 .16/7.0	1395 .16/6.8	989 .15/6.8	512 .13/6.7	-	-	-	-	RED1550 S+	1/2	800	3488	
2219 .19/8.4	1907 .19/7.9	1567 .19/7.6	1203 .19/7.6	795 .17/7.5	-	-	-	-	RED1550 S+	1/2	850	3706	
2350 .22/9.3	2055 .23/8.8	1736 .23/8.4	1411 .22/8.3	1035 .21/8.3	608 .18/8.3	-	-	-	RED1550 S+	1/2	900	3924	
2481 .26/10.2	2202 .26/9.7	1902 .27/9.3	1602 .26/9.2	1256 .26/9.1	887 .24/9.1	-	-	-	RED1550 S+	1/2	950	4142	
2611 .30/11.1	2347 .31/10.6	2066 .31/10.2	1779 .31/10.0	1468 .30/10.0	1130 .29/9.9	752 .26/9.9	-	-	RED1550 S+	1/2	1000	4360	
2742 .35/12.1	2493 .35/11.5	2228 .36/11.2	1950 .36/10.9	1672 .35/10.9	1352 .34/10.8	1019 .32/10.8	621 .27/10.7	-	RED1550 S+	1/2	1050	4578	
2872 .40/13.2	2636 .40/12.6	2386 .41/12.1	2119 .41/11.8	1860 .40/11.8	1564 .40/11.8	1258 .38/11.7	923 .35/11.7	494 .29/11.7	RED1550 S+	1/2	1100	4796	
3003 .46/14.2	2779 .46/13.7	2540 .46/13.2	2285 .46/12.9	2038 .46/12.8	1774 .46/12.7	1480 .44/12.7	1180 .42/12.7	840 .38/12.6	RED1550 *	1/2	1150	5014	

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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 fan sone levels.  
\* Base Unit-AMCA Seal for Sound Rating does not apply to units with speed control.  
+ RPM range capable with solid state speed control.  
Speed (RPM) shown is nominal. Performance is based on actual speed of test.



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# MODEL eRED

## DOWNBLAST CENTRIFUGAL ROOF EXHAUSTER WITH ELECTRONICALLY COMMUTATED MOTOR



### MODEL FEATURES

- Exhaust air up to 3,000 CFM in high static pressure applications up to 1.5" w.g.
- Attractive spun aluminum exterior
- Motor has 80% usable turndown vs. 30% on a PSC motor
- Direct drive units have low sound levels and quiet operation
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- AMCA Air and Sound Licensed
- cULus 705 Listed

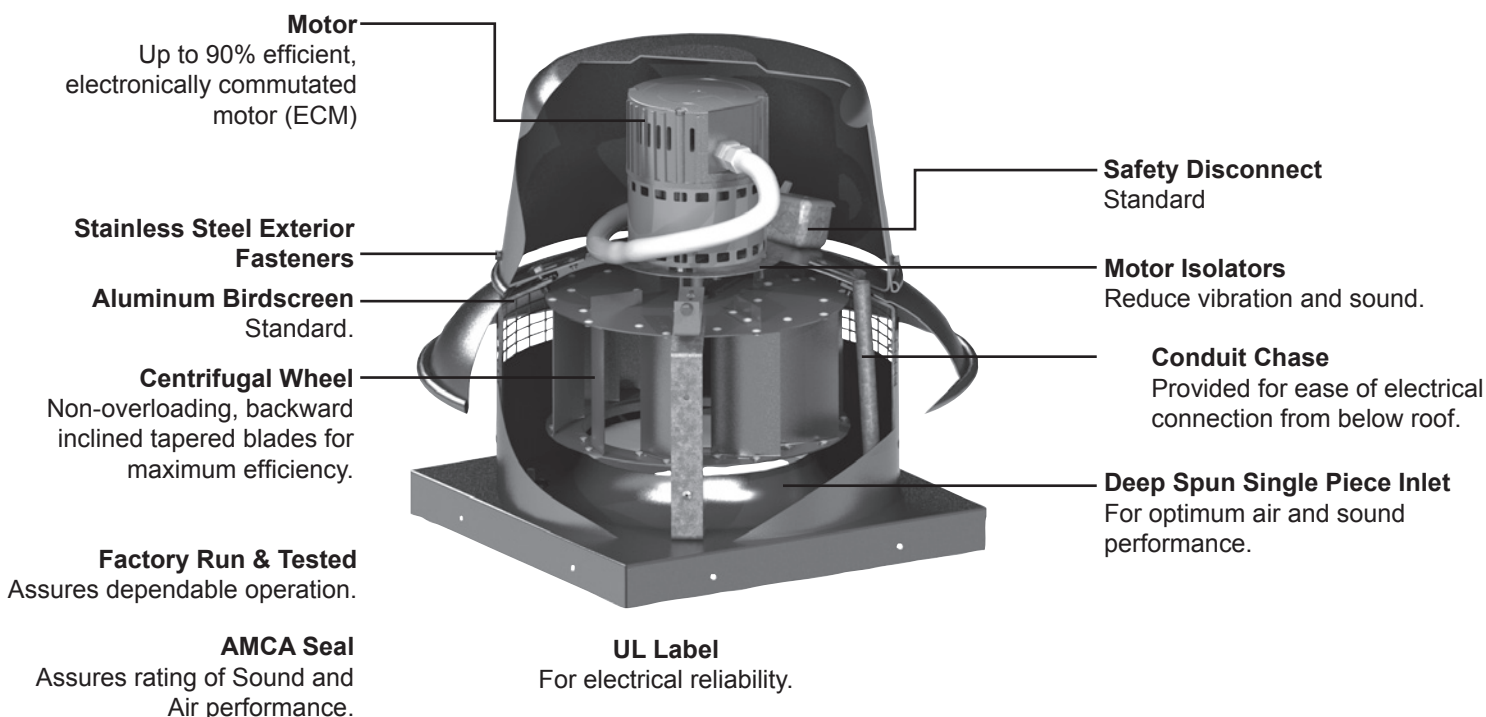
### MODEL OVERVIEW

Model eRED fans are designed to exhaust air up to 3,000 CFM in high static pressure applications to 1.5". The spun aluminum exterior provides an attractive appearance. 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.

The eRED comes with S&P's electronically commutated motor (eMotor) which offers the energy efficiency of a DC motor with the ease of maintenance of DD motors. The eMotor provides the benefit of a fully controllable motor which can be controlled by a PC or building management system.

The eRED is ideally suited to solve ventilation challenges in multi-story buildings. When used with one of S&P's constant pressure controls (see control options on page 21) this fan model provides an energy efficient answer to venting dryers, bathrooms and kitchens in hotels, high rise buildings, institutional facilities and dormitories.

### CONSTRUCTION FEATURES AND OPTIONS



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

All specifications are subject to change without notice unless approved in submittal by Soler & Palau.



## **CONSTRUCTION/SPECIFICATION CHECKLIST**

### **Housing**

- Curb cap has integral deep spun inlet for efficient performance and prepunched mounting holes for ease of installation.
- Fan plate isolates motor compartment from contaminated exhaust air.
- Spun aluminum hood and skirt for weather protection and attractive appearance.
- Heavy-gauge motor support for rigidity and strength.
- Neoprene isolators for reduction of vibration and sound.
- Quick access to motor compartment for ease of maintenance.
- Conduit passage for easy electrical connection from below roof.
- Birdscreen included on standard models.

### **Wheel**

- Backward inclined for efficiency at higher static pressure.
- Non-overloading for safe operation in ducted systems.
- Tapered blades for efficiency and quiet operation.
- Wheels constructed of noncorrosive aluminum.
- Statically and dynamically balanced for smooth operation.

### **Electronically Commutated Motors**

- Brands are nationally recognized and locally serviced.
- Easy speed control by DC 0-10 V variation or EC style speed controller.
- Motor has motor mounted potentiometer with digital readout for easy speed adjustment.
- Can be controlled by a PC or building management system.
- Motor has 80% usable turndown vs. 30% on a PSC motor.
- Internal motor circuitry converts 115/230 V single phase AC power to DC voltage for increased efficiencies.
- All motors are rated for continuous duty.
- Motor is 115/230V and 50/60 Hz.
- Disconnect is standard.
- Motors ship mounted as standard.

### **AMCA Seal**

- Assures rating of Air and Sound performance.

### **UL Label**

- UL 705 Listing assures electrical reliability.



### eMotor - Electronically Commutated Motor

S&P's eMotor is 115/230V and 50/60 Hz and is available in 1/4, 1/3 and 1/2 HP. This fully controllable motor offers both reliability and low maintenance in one of the most efficient motor fan combinations in the industry.



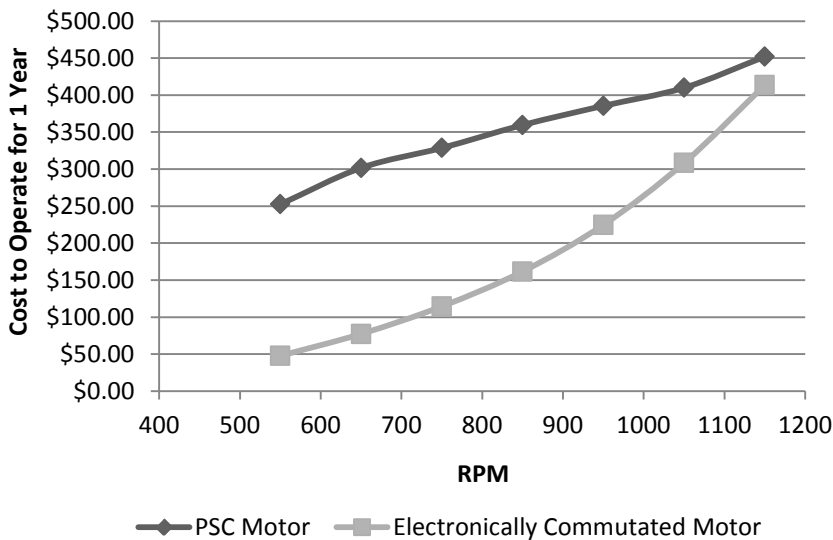
When used in S&P's eRED downblast fan, the eMotor is the ideal solution for a low cost, fully controlled ventilation system. This motor in the eRED can exhaust air volume up to 3,000 CFM, equal to that of a belt drive fan, with all the benefits and low maintenance of a direct drive fan.

### Features and Advantages

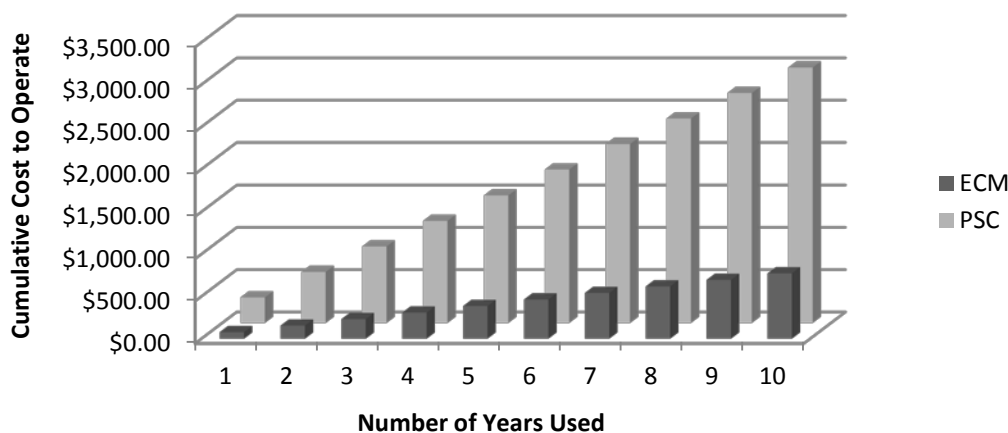
- Easy speed control by DC 0-10 V variation or EC style speed controller
- Unit can be controlled by a PC or building management system
- Motor has 80% usable turndown vs. 30% on a PSC motor
- Internal motor circuitry converts 115/230 V single phase AC power to DC voltage for increased efficiencies.
- Motor is 115/230 V and 50/60 Hz
- cULus 705 Listing

### Energy Savings = \$ Savings

#### eRED with 1/2 HP Motor - Continuous Ventilation



#### Cost to Operate Motors @ 650 RPM Continuous Ventilation







## Constant Pressure Control Options with eRED

**Constant Pressure Controls:** For constant pressure control applications, the S&P constant pressure control package is available. This package includes the components that are needed to complete a demand-based exhaust ventilation system for kitchens, bathrooms, and/or clothes dryer exhaust in multi-story buildings.

S&P recognized that the programming procedure for many constant pressure controls can be challenging, so this package is the simplest system available. The control box can be easily installed in the field, either mounted on a curb or inside the building. The backlit LCD display and pressure transducer are pre-programmed to work together to increase or reduce the speed of the fan to accommodate for the actual demand.

**Potentiometer with Factory Mount and Wire:** Allows the operator to install the fan, set the exhaust flow to the desired rate and leave the fan fixed at a specific value. If optional mount and wire is chosen, the potentiometer will be mounted, wired and factory installed under the motor cover. Since exhaust fans are commonly oversized based upon assumptions, the ability to set the exhaust rate at the correct value in the field significantly reduces the amount of conditioned air that is unnecessarily removed, ensuring that the correct amount of air is removed in the most efficient manner.

**Potentiometer Shipped Loose:** If a variable rate that is manually changed by the operator from the occupied space is desired, the potentiometer is shipped loose and field installed in the appropriate accessible location. Simply rotating the dial will vary the speed of the fan from 20% to 100% full speed.



**Control Box**



**Sensor**



**Potentiometer**



## OPTIONS/ACCESSORIES

**Solid State Speed Control:** S&P's solid state control is matched to the motor and blow wheel to allow continuous reduction in performance allowing adjustments of airflow for system balancing. CFM is reduced in direct proportion to motor speed reduction. Speed control available for 115 or 230 volt single phase. Exhauster performance can be controlled from the ventilated area.



**Roof Curb:** Prefabricated heavy-gauge galvanized steel welded construction clip lock, 14" high with 1-1/2" wood nailer. Assures perfect fit of exhauster to roof curb. Options include burglar bars, single and double pitch construction, and additional curb heights. Welded & custom curbs available.

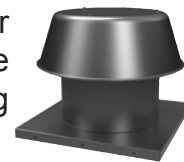
**Sound Curb:** Option of thermal acoustical lining or a complete maximum sound attenuating baffle system. Provision for mounting damper is available. Contact factory for information regarding effect on exhauster air performance and sound level.

**Motor Operated Aluminum Damper:** Motor operated for positive closure against backdraft.



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

**Companion Gravity Units:** Model RCX-II comes in a wide range of sizes and air capacities to provide relief or intake air to the system. Curbs and dampers are available to fit all sizes. Spun aluminum hoods provide a pleasing appearance, complementing the Model eRED exhauster.



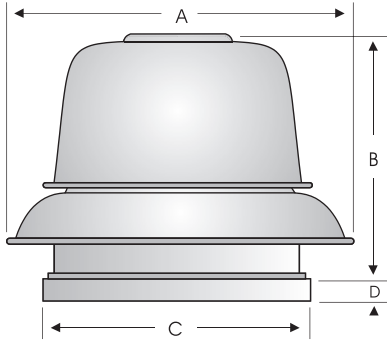
**Curb Hinge Arrangement:** The curb hinge arrangement provides easy access to the exhaust fan, backdraft damper, and duct for servicing and cleaning.

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



# PERFORMANCE/DIMENSIONS

## Model eRED6



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
11	11	11-3/4	14-3/4	21-3/4	12	16-1/2	1-3/4	50

RPM	CFM/BHP @ Static Pressure/Sones					
	0	0.125	0.25	0.375	0.5	0.625
850	190 0.01/1.5	-	-	-	-	-
900	202 0.01/1.9	95 0.01/1.2	-	-	-	-
950	213 0.01/2.2	115 0.01/1.5	-	-	-	-
1000	224 0.01/2.4	133 0.01/1.8	-	-	-	-
1050	235 0.01/2.7	150 0.01/2.1	-	-	-	-
1100	246 0.01/3	167 0.01/2.4	41 0.01/1.8	-	-	-
1150	257 0.01/3.2	182 0.01/2.7	73 0.01/2.2	-	-	-
1200	269 0.01/3.5	197 0.01/3	100 0.01/2.5	-	-	-
1250	280 0.02/3.8	211 0.02/3.3	124 0.02/2.9	-	-	-
1300	291 0.02/4.1	226 0.02/3.7	146 0.02/3.3	-	-	-
1350	302 0.02/4.5	239 0.02/4	165 0.02/3.7	52 0.02/3.2	-	-
1400	313 0.02/4.8	253 0.02/4.4	184 0.02/4.1	84 0.02/3.6	-	-
1450	325 0.03/5.2	266 0.03/4.8	201 0.03/4.4	113 0.02/4	-	-
1500	336 0.03/5.6	280 0.03/5.1	218 0.03/4.8	138 0.03/4.4	-	-
1550	347 0.03/6.1	293 0.03/5.5	234 0.03/5.2	161 0.03/4.8	54 0.02/4.4	-
1600	358 0.04/6.5	306 0.04/5.9	249 0.03/5.6	182 0.03/5.3	87 0.03/4.9	-
1650	369 0.04/7	319 0.04/6.4	265 0.04/6.1	201 0.04/5.8	117 0.03/5.4	-
1700	381 0.04/7.4	331 0.04/6.9	279 0.04/6.6	220 0.04/6.3	143 0.04/5.9	-
1750	392 0.05/7.9	344 0.05/7.5	294 0.05/7.1	237 0.04/6.8	168 0.04/6.4	72 0.04/6

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

Performance ratings include the effects of birdscreen.

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.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.



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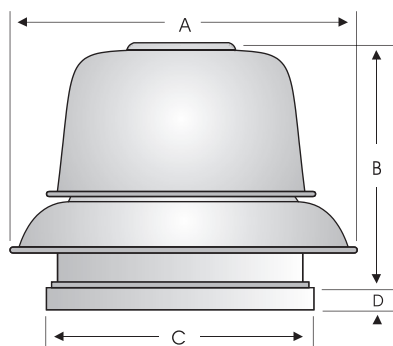


# MODEL eRED

## DOWNBLAST CENTRIFUGAL ROOF EXHAUSTER WITH ELECTRONICALLY COMMUTATED MOTOR



### Models eRED8



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
11	11	11-3/4	14-3/4	21-3/4	13-1/2	16-1/2	1-3/4	50

RPM	CFM/BHP @ Static Pressure/Sones							
	0	0.125	0.25	0.375	0.5	0.625	0.75	1
600	342 0.01/1.3	103 0.01/0.4	-	-	-	-	-	-
650	371 0.01/1.7	175 0.01/0.6	-	-	-	-	-	-
700	399 0.01/2.1	229 0.02/1	-	-	-	-	-	-
750	428 0.02/2.5	275 0.02/1.3	-	-	-	-	-	-
800	456 0.02/2.9	317 0.02/1.8	-	-	-	-	-	-
850	485 0.03/3.4	356 0.03/2.3	148 0.02/1.7	-	-	-	-	-
900	514 0.03/3.9	394 0.03/2.7	224 0.03/2.1	-	-	-	-	-
950	542 0.04/4.3	430 0.04/3.2	283 0.04/2.5	-	-	-	-	-
1000	571 0.04/4.7	465 0.05/3.6	334 0.05/2.9	91 0.02/2.5	-	-	-	-
1050	599 0.05/5.1	500 0.05/4.1	380 0.05/3.2	197 0.04/2.9	-	-	-	-
1100	628 0.06/5.5	533 0.06/4.6	423 0.06/3.7	271 0.05/3.3	-	-	-	-
1150	656 0.07/6	566 0.07/5	463 0.07/4.2	331 0.07/3.7	92 0.03/3.4	-	-	-
1200	685 0.07/6.4	599 0.08/5.5	503 0.08/4.7	384 0.08/4.1	206 0.05/3.8	-	-	-
1250	713 0.08/6.8	631 0.09/6	540 0.09/5.2	432 0.09/4.5	286 0.07/4.2	-	-	-
1300	742 0.09/7.3	663 0.1/6.5	577 0.1/5.7	477 0.1/5	350 0.09/4.6	141 0.05/4.3	-	-
1350	770 0.11/7.8	695 0.11/7	613 0.12/6.2	520 0.12/5.5	407 0.11/5.1	245 0.08/4.8	-	-
1400	799 0.12/8.4	726 0.12/7.5	648 0.13/6.8	561 0.13/6.1	458 0.12/5.6	323 0.1/5.3	87 0.05/5	-
1450	827 0.13/8.9	757 0.14/8.1	683 0.14/7.3	600 0.14/6.7	506 0.14/6.1	388 0.13/5.8	214 0.09/5.5	-
1500	856 0.15/9.4	788 0.15/8.6	717 0.16/7.9	639 0.16/7.2	550 0.16/6.6	445 0.15/6.3	304 0.12/6	-
1550	884 0.16/10	819 0.17/9.2	750 0.17/8.5	676 0.18/7.8	593 0.17/7.2	497 0.17/6.8	376 0.15/6.5	-
1600	913 0.18/10.6	850 0.18/9.8	784 0.19/9	712 0.19/8.4	634 0.19/7.8	545 0.19/7.3	439 0.17/7	-
1650	941 0.19/11.3	880 0.2/10.5	816 0.21/9.7	748 0.21/9.1	674 0.21/8.4	591 0.21/7.9	495 0.2/7.6	193 0.11/7.1
1700	970 0.21/12	911 0.22/11.1	849 0.23/10.4	784 0.23/9.7	713 0.23/9.1	635 0.23/8.5	546 0.22/8.1	297 0.16/7.7
1750	998 0.23/12.7	941 0.24/11.9	881 0.25/11	818 0.25/10.3	751 0.25/9.7	677 0.25/9.1	595 0.24/8.7	378 0.2/8.2



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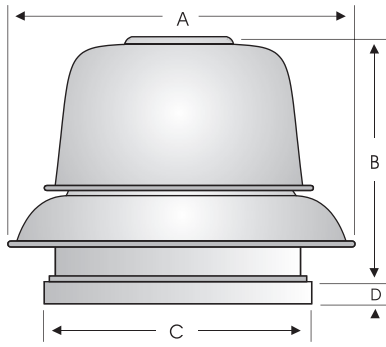


# MODEL eRED

## DOWNBLAST CENTRIFUGAL ROOF EXHAUSTER WITH ELECTRONICALLY COMMUTATED MOTOR



### Models eRED10



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
11	11	11-3/4	14-3/4	21-3/4	17-1/4	16-1/2	1-3/4	50

RPM	CFM/BHP @ Static Pressure/Sones							
	0	0.125	0.25	0.375	0.5	0.625	0.75	1
550	488 0.01/1.5	59 0.01/0.6	-	-	-	-	-	-
600	533 0.01/1.9	220 0.01/0.9	-	-	-	-	-	-
650	577 0.02/2.3	312 0.02/1.4	-	-	-	-	-	-
700	621 0.02/2.8	386 0.02/1.8	-	-	-	-	-	-
750	666 0.02/3.3	452 0.02/2.3	-	-	-	-	-	-
800	710 0.03/3.8	513 0.03/2.8	182 0.03/2.2	-	-	-	-	-
850	755 0.04/4.3	571 0.04/3.3	315 0.04/2.6	-	-	-	-	-
900	799 0.04/4.8	627 0.04/3.8	409 0.04/3.1	-	-	-	-	-
950	843 0.05/5.3	682 0.05/4.3	488 0.05/3.6	86 0.03/3.1	-	-	-	-
1000	888 0.06/5.8	735 0.06/4.9	559 0.06/4.2	286 0.06/3.6	-	-	-	-
1050	932 0.07/6.3	787 0.07/5.5	625 0.07/4.7	404 0.07/4.1	-	-	-	-
1100	977 0.08/6.9	839 0.08/6.2	688 0.08/5.4	497 0.08/4.7	117 0.05/4.1	-	-	-
1150	1021 0.09/7.5	889 0.09/6.8	748 0.09/6.1	577 0.09/5.4	317 0.09/4.7	-	-	-
1200	1065 0.1/8.1	940 0.1/7.4	806 0.1/6.8	651 0.1/6	441 0.1/5.3	-	-	-
1250	1110 0.11/8.8	989 0.11/8.1	862 0.11/7.5	719 0.11/6.8	539 0.11/6	231 0.1/5.4	-	-
1300	1154 0.13/9.5	1038 0.13/8.8	917 0.13/8.2	783 0.13/7.5	623 0.13/6.8	394 0.13/6.1	-	-
1350	1198 0.14/10.2	1087 0.14/9.6	971 0.14/8.9	846 0.14/8.3	700 0.14/7.5	511 0.14/6.8	159 0.1/6.2	-
1400	1243 0.16/11	1136 0.16/10.4	1025 0.16/9.7	906 0.16/9.1	771 0.16/8.3	607 0.16/7.6	363 0.15/6.9	-
1450	1287 0.18/11.8	1184 0.18/11.2	1077 0.18/10.5	964 0.18/9.9	839 0.18/9.2	691 0.18/8.4	496 0.18/7.7	-
1500	1332 0.2/12.7	1232 0.2/12	1129 0.2/11.4	1021 0.2/10.8	903 0.2/10	769 0.2/9.2	602 0.2/8.5	-
1550	1376 0.22/13.2	1279 0.22/12.6	1180 0.22/12	1077 0.22/11.4	966 0.22/10.8	841 0.22/9.9	693 0.22/9.1	132 0.12/7.8
1600	1420 0.24/13.8	1327 0.24/13.2	1231 0.24/12.6	1132 0.24/12	1026 0.24/11.5	910 0.24/10.6	776 0.24/9.9	364 0.22/8.5
1650	1465 0.26/14.5	1374 0.26/13.8	1282 0.26/13.2	1186 0.26/12.7	1085 0.26/12.1	975 0.26/11.4	852 0.26/10.6	513 0.26/9.2
1700	1509 0.28/15.2	1421 0.29/14.5	1332 0.29/13.9	1239 0.29/13.3	1143 0.29/12.8	1039 0.29/12.1	924 0.29/11.3	630 0.29/9.9
1750	1554 0.31/15.8	1468 0.31/15.2	1381 0.31/14.6	1292 0.31/14	1199 0.31/13.4	1100 0.31/12.9	993 0.31/12.1	729 0.32/10.7



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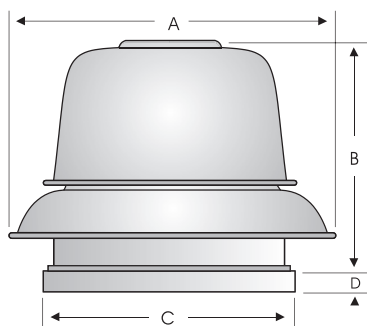


**MODEL eRED**

DOWNBLAST CENTRIFUGAL ROOF EXHAUSTER WITH ELECTRONICALLY COMMUTATED MOTOR



**Models eRED12**



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
18	18	19-1/4	22-1/4	33-1/8	23-1/2	24	2	124

RPM	CFM/BHP @ Static Pressure/Sones									
	0	0.125	0.25	0.375	0.5	0.625	0.75	1	1.25	1.5
500	751 0.01/2	248 0.01/1.1	-	-	-	-	-	-	-	-
550	826 0.02/2.5	368 0.02/1.6	-	-	-	-	-	-	-	-
600	901 0.02/3.1	466 0.02/2.2	-	-	-	-	-	-	-	-
650	976 0.03/3.7	556 0.03/2.7	162 0.03/2.5	-	-	-	-	-	-	-
700	1051 0.04/4.4	641 0.04/3.3	331 0.04/3	-	-	-	-	-	-	-
750	1126 0.04/5	722 0.05/4	459 0.05/3.5	-	-	-	-	-	-	-
800	1201 0.05/5.7	801 0.06/4.6	566 0.06/4.1	214 0.05/4	-	-	-	-	-	-
850	1276 0.06/6.3	879 0.07/5.3	662 0.07/4.7	385 0.07/4.4	-	-	-	-	-	-
900	1351 0.08/7	956 0.08/5.9	753 0.08/5.3	518 0.08/5	151 0.07/5	-	-	-	-	-
950	1426 0.09/7.6	1032 0.09/6.6	839 0.1/6	631 0.1/5.6	343 0.09/5.5	-	-	-	-	-
1000	1501 0.1/8.3	1107 0.11/7.3	922 0.11/6.6	733 0.11/6.3	497 0.11/6.1	-	-	-	-	-
1050	1576 0.12/9	1182 0.13/8	1004 0.13/7.3	828 0.13/7	624 0.13/6.7	341 0.12/6.7	-	-	-	-
1100	1651 0.14/9.8	1256 0.14/8.8	1084 0.15/8	918 0.15/7.6	735 0.15/7.4	504 0.14/7.2	176 0.13/7.2	-	-	-
1150	1726 0.16/10.6	1330 0.16/9.7	1162 0.17/8.9	1004 0.17/8.4	837 0.17/8.1	639 0.17/7.9	372 0.16/7.9	-	-	-
1200	1801 0.18/11.4	1403 0.19/10.6	1240 0.19/9.7	1089 0.19/9.2	933 0.19/8.9	757 0.19/8.6	538 0.18/8.5	-	-	-
1250	1876 0.2/12.4	1477 0.21/11.4	1317 0.21/10.7	1171 0.22/10	1024 0.22/9.7	864 0.22/9.4	676 0.21/9.3	123 0.18/9.3	-	-
1300	1952 0.23/13.3	1550 0.23/12.4	1393 0.24/11.6	1252 0.24/10.9	1112 0.25/10.6	964 0.25/10.3	796 0.24/10	324 0.22/10	-	-
1350	2027 0.25/14.3	1623 0.26/13.4	1469 0.27/12.6	1332 0.27/11.8	1197 0.28/11.4	1058 0.28/11.1	906 0.27/10.9	508 0.26/10.8	-	-
1400	2102 0.28/15.3	1695 0.29/14.4	1544 0.3/13.6	1410 0.3/12.9	1281 0.31/12.3	1149 0.31/12.1	1008 0.31/11.8	663 0.29/11.5	147 0.26/11.5	-
1450	2177 0.32/16.4	1768 0.32/15.4	1619 0.33/14.5	1488 0.34/13.9	1363 0.34/13.3	1237 0.34/13	1105 0.34/12.8	797 0.33/12.4	348 0.3/12.4	-
1500	2252 0.35/17.4	1840 0.36/16.5	1694 0.36/15.6	1566 0.37/14.9	1444 0.37/14.3	1323 0.38/13.9	1198 0.38/13.7	917 0.37/13.3	536 0.35/13.2	-
1550	2327 0.39/18.3	1912 0.39/17.4	1768 0.4/16.5	1642 0.41/15.8	1524 0.41/15.1	1407 0.42/14.7	1288 0.42/14.5	1028 0.41/14.1	697 0.4/13.9	226 0.36/13.9
1600	2402 0.42/19.2	1984 0.43/18.3	1842 0.44/17.4	1718 0.45/16.7	1603 0.45/16.1	1489 0.46/15.5	1375 0.46/15.3	1131 0.46/14.9	837 0.44/14.6	427 0.41/14.6
1650	2477 0.47/20	2056 0.47/19.2	1916 0.48/18.3	1794 0.49/17.6	1681 0.49/17	1571 0.5/16.4	1461 0.5/16.1	1230 0.5/15.7	962 0.49/15.3	610 0.47/15.3
1700	2552 0.51/21	2128 0.52/20	1989 0.53/19.3	1869 0.53/18.5	1758 0.54/17.9	1651 0.54/17.3	1545 0.55/16.9	1324 0.55/16.5	1077 0.54/16.1	769 0.52/16



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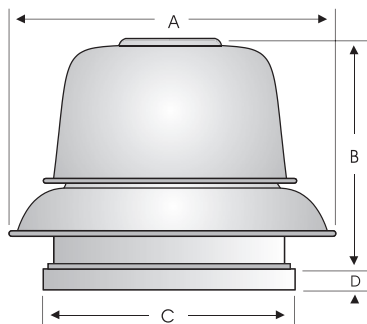


**MODEL eRED**

**DOWNBLAST CENTRIFUGAL ROOF EXHAUSTER WITH ELECTRONICALLY COMMUTATED MOTOR**



**Models eRED15**



Damper		Roof Opening	Curb O.D.	A	B	C	D	Average Ship Wt. Lbs.
I.D.	O.D.							
18	18	19-1/4	22-1/4	33-1/8	23-1/2	24	2	124

RPM	CFM/BHP @ Static Pressure/Sones						
	0	0.125	0.25	0.375	0.5	0.625	0.75
400	1046 0.02/1.9	255 0.03/0.6	-	-	-	-	-
450	1177 0.03/2.7	524 0.03/1.3	-	-	-	-	-
500	1308 0.04/3.4	738 0.04/2.1	-	-	-	-	-
550	1439 0.05/4.2	931 0.05/2.9	245 0.09/2	-	-	-	-
600	1569 0.07/5	1110 0.07/3.6	562 0.08/2.8	-	-	-	-
650	1700 0.09/5.8	1281 0.09/4.5	803 0.09/3.6	-	-	-	-
700	1831 0.11/6.7	1445 0.11/5.4	1015 0.11/4.5	489 0.14/3.7	-	-	-
750	1962 0.13/7.6	1605 0.13/6.4	1212 0.13/5.4	766 0.14/4.6	-	-	-
800	2093 0.16/8.5	1760 0.16/7.3	1398 0.16/6.4	1000 0.16/5.6	511 0.22/4.8	-	-
850	2223 0.19/9.5	1912 0.19/8.4	1575 0.19/7.3	1213 0.19/6.6	802 0.21/5.9	187 0.44/5.2	-
900	2354 0.23/10.6	2062 0.23/9.4	1747 0.23/8.4	1413 0.22/7.7	1047 0.23/6.9	607 0.31/6.2	-
950	2485 0.27/11.8	2210 0.27/10.6	1914 0.27/9.6	1602 0.26/8.7	1269 0.27/8	895 0.37/7.3	401 0.47/6.6
1000	2616 0.31/13	2356 0.31/11.8	2077 0.31/10.7	1785 0.31/9.9	1476 0.31/9.2	1142 0.32/8.4	753 0.47/7.7
1050	2746 0.36/14.2	2500 0.36/13.1	2236 0.36/12	1961 0.36/11.1	1673 0.36/10.4	1367 0.36/9.6	1029 0.4/8.9
1100	2877 0.42/15.5	2643 0.42/14.3	2392 0.42/13.3	2132 0.41/12.4	1862 0.41/11.6	1577 0.41/10.9	1272 0.43/10.2
1150	3008 0.48/16.8	2786 0.47/15.7	2546 0.47/14.7	2299 0.47/13.7	2044 0.47/12.9	1778 0.47/12.3	1496 0.47/11.5

Performance certified is for installation type A-free inlet, free outlet. Performance ratings include the effects of birdscreen. 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. Speed (RPM) shown is nominal. Performance is based on actual speed of test.



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# MODEL DB

## BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



### **MODEL FEATURES**

- Exhaust air up to 28,000 CFM in high static pressure applications up to 1-1/4" w.g.
- 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

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### **APPLICATION CONSTRUCTION OPTIONS**

MODEL NAME	TYPICAL APPLICATIONS
DB	Removal of clean air in general applications

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### **MODEL OVERVIEW**

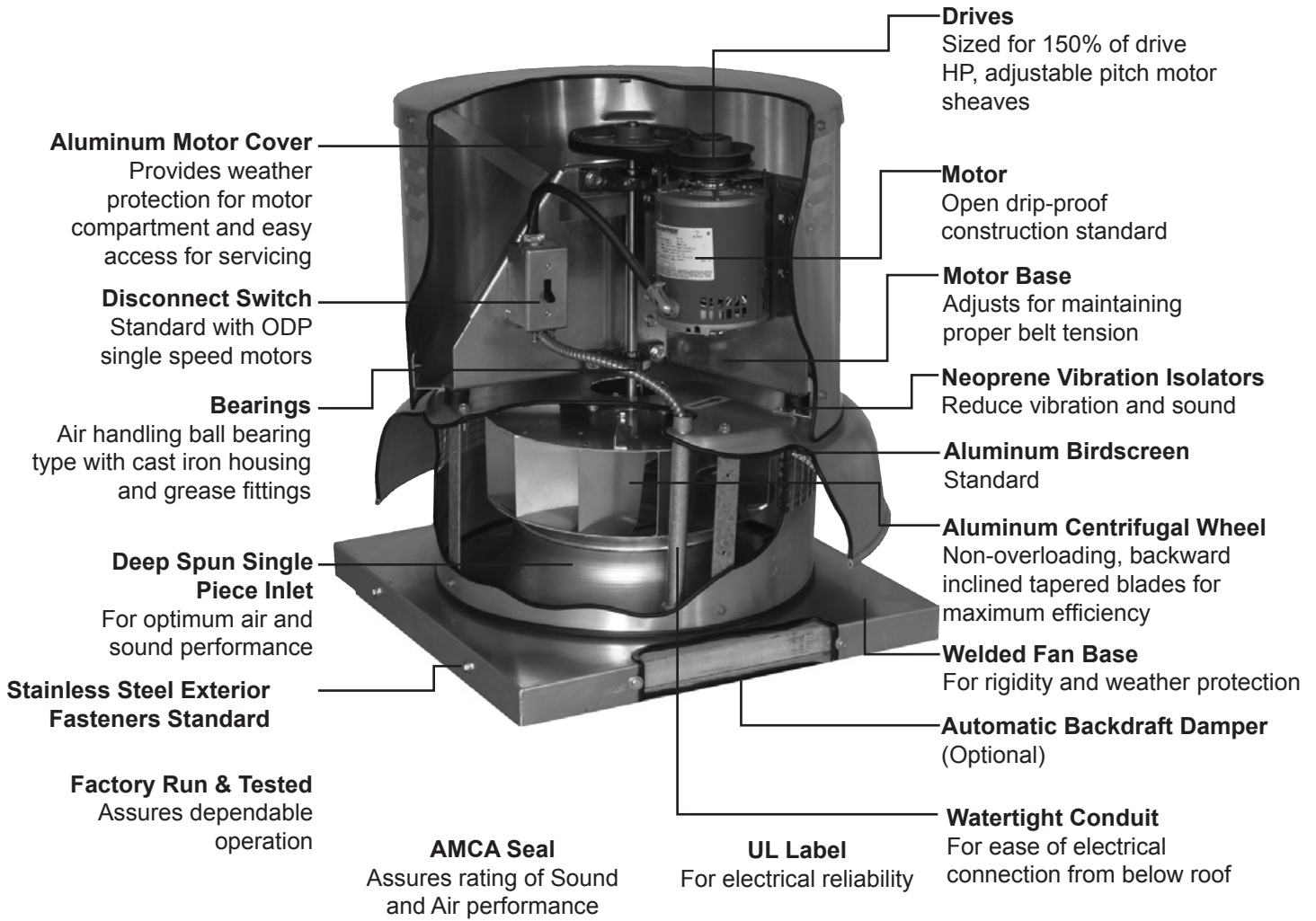
Model DB belt drive fans are designed to exhaust air up to 28,000 CFM in high static pressure applications to 1-1/4". The aluminum exterior provides an attractive appearance. Belt drive results in lower operating RPM and sound levels, making the Model DB well suited to applications where quiet operation 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. It's 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 such as manufacturing and assembly plants, office buildings, schools, hospitals, restaurants, athletic facilities and many others

**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.
- Quick-Release latches on motor cover for easy 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.

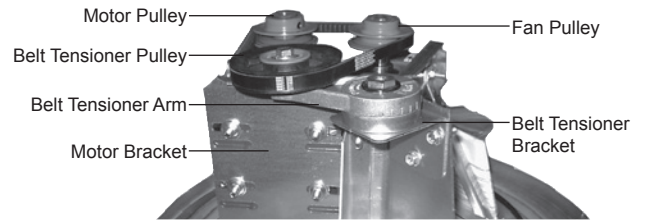
### **cULus Label**

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



## 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, clip lock, 14" 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. Welded & custom curbs available.

**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.

**Companion Gravity Units:** Model RCX-II comes in a wide range of sizes and air capacities to provide relief or intake air to the system. Curbs and dampers are available to fit all sizes. Spun aluminum hoods provide a pleasing appearance, complementing the Model DB exhauster.



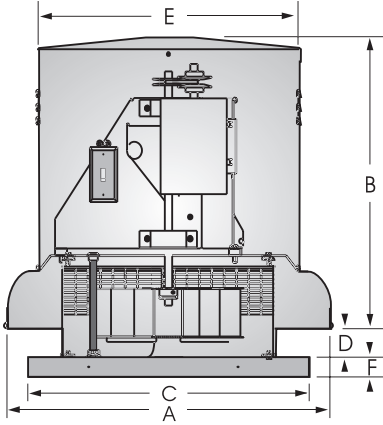
**Special Coatings:** Powered roof exhausters often require special coatings for protective and decorative purposes. Available coatings include: Synthetic Resin, Epoxy, and Heresite (air-dried phenolic). Contact your representative or the factory for more information on available coatings and colors.

**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		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	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	-	-	-	-	-	-					
.07/5.6	.07/5.2	.07/4.8	.07/4.3	-	-	-	-	-	-					
427	375	314	243	131	-	-	-	-	-					
.08/6.1	.08/5.6	.08/5.2	.08/4.8	.07/4.3	-	-	-	-	-					
443	394	336	269	178	-	-	-	-	-					
.09/6.5	.09/6.1	.09/5.7	.09/5.3	.09/4.8	-	-	-	-	-					
459	412	358	295	217	-	-	-	-	-					
.10/7.0	.10/6.6	.10/6.2	.10/5.8	.10/5.3	-	-	-	-	-					
476	431	379	319	250	143	-	-	-	-					
.11/7.5	.11/7.1	.11/6.7	.11/6.3	.11/5.8	.10/5.4	-	-	-	-					
492	449	399	342	279	191	-	-	-	-					
.12/8.0	.12/7.6	.13/7.2	.13/6.8	.13/6.4	.12/6.0	-	-	-	-					
509	467	420	365	307	231	115	-	-	-					
.13/8.5	.14/8.1	.14/7.7	.14/7.3	.14/6.9	.13/6.5	.12/6.1	-	-	-					
525	485	439	388	332	266	169	-	-	-					
.15/9.0	.15/8.6	.15/8.2	.15/7.9	.15/7.5	.15/7.0	.14/6.6	-	-	-					
541	503	459	410	356	297	215	-	-	-					
.16/9.6	.17/9.2	.17/8.8	.17/8.4	.17/8.0	.17/7.6	.16/7.2	-	-	-					
558	521	478	432	380	325	255	153	-	-					
.18/10.1	.18/9.7	.18/9.4	.18/9.0	.18/8.6	.18/8.2	.18/7.8	.16/7.4	-	-					
574	539	497	453	403	352	289	203	-	-					
.19/10.7	.20/10.3	.20/9.9	.20/9.6	.20/9.2	.20/8.8	.20/8.4	.19/8.0	-	-					

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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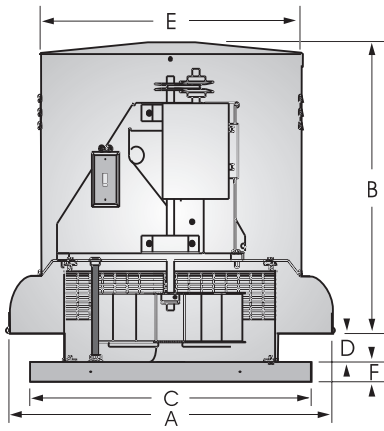




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**SIZE 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	-					

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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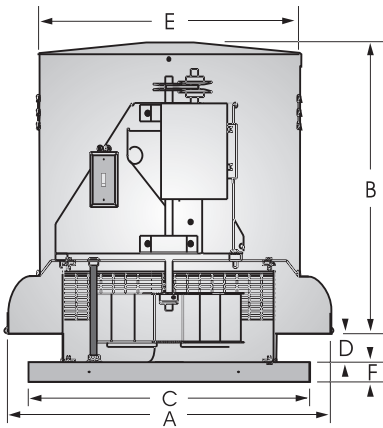




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**SIZE 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	-	-	-	-	-	-	-	-						
734	525	-	-	-	-	-	-	-	-	902		750	1/4	2405	
.04/4.3	.04/3.1	-	-	-	-	-	-	-	-						
773	580	-	-	-	-	-	-	-	-	903		790	1/4	2534	
.05/4.8	.05/3.6	-	-	-	-	-	-	-	-						
812	633	360	-	-	-	-	-	-	-	904		830	1/4	2662	
.06/5.4	.05/4.2	.05/3.5	-	-	-	-	-	-	-						
851	683	439	-	-	-	-	-	-	-	905		870	1/4	2790	
.06/5.9	.06/4.8	.05/4.0	-	-	-	-	-	-	-						
890	733	511	-	-	-	-	-	-	-	906	910	1/4	2918		
.07/6.5	.07/5.5	.07/4.6	-	-	-	-	-	-	-						
929	781	577	-	-	-	-	-	-	-	907	950	1/4	3047		
.08/7.0	.08/6.1	.08/5.1	-	-	-	-	-	-	-						
968	828	640	-	-	-	-	-	-	-	908	990	1/4	3175		
.10/7.6	.09/6.7	.09/5.9	-	-	-	-	-	-	-						
1007	874	699	469	-	-	-	-	-	-	909	1030	1/4	3303		
.11/8.2	.10/7.4	.10/6.5	.09/6.0	-	-	-	-	-	-						
1046	919	756	546	-	-	-	-	-	-	910	1070	1/4	3432		
.12/8.8	.12/8.1	.11/7.3	.10/6.5	-	-	-	-	-	-						
1086	964	811	618	-	-	-	-	-	-	911	1110	1/4	3560		
.13/9.5	.13/8.9	.13/8.0	.12/7.2	-	-	-	-	-	-						
1125	1008	864	685	-	-	-	-	-	-	912	1150	1/4	3688		
.15/10.2	.15/9.6	.14/8.8	.13/8.0	-	-	-	-	-	-						
1164	1052	916	749	543	-	-	-	-	-	913	1190	1/4	3816		
.17/10.9	.16/10.3	.16/9.6	.15/8.8	.14/8.2	-	-	-	-	-						
1203	1096	966	810	621	-	-	-	-	-	914	1230	1/4	3945		
.18/11.6	.18/11.1	.18/10.4	.17/9.7	.16/8.8	-	-	-	-	-						
1242	1139	1015	868	693	-	-	-	-	-	915	1270	1/4	4073		
.20/12.2	.20/11.7	.19/11.1	.19/10.4	.18/9.6	-	-	-	-	-						
1281	1182	1064	925	761	565	-	-	-	-	916	1310	1/4	4201		
.22/12.7	.22/12.2	.21/11.7	.21/11.0	.20/10.2	.18/9.8	-	-	-	-						
1320	1224	1112	980	827	646	-	-	-	-	917	1350	1/4	4330		
.24/13.2	.24/12.8	.23/12.2	.23/11.6	.22/10.8	.20/10.2	-	-	-	-						
1359	1267	1159	1034	889	721	-	-	-	-	918	1390	1/4	4458		
.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	-	-	-	919	1420	1/4	4554		
.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	-	-	-	920	1470	1/3	4714		
.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	-	-	-	921	1510	1/3	4843		
.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	-	-	922	1550	1/3	4971		
.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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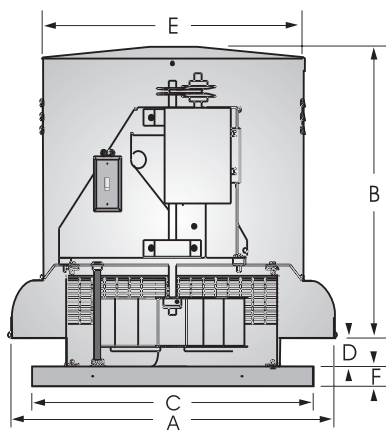




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**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.  
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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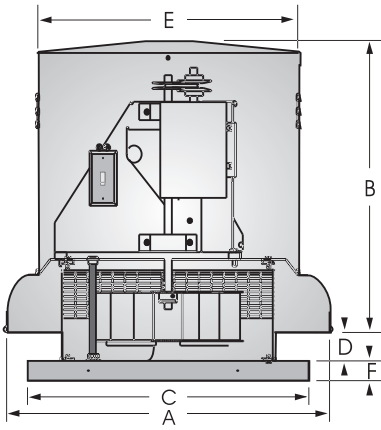




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**SIZE 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		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		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		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	861	495	-	-	1221				
.19/12.0	.21/11.7	.22/11.4	.24/11.1	.24/10.5	.25/9.4	.24/8.5	.19/7.8	-	-	1214				
1919	1801	1676	1536	1383	1215	992	699	-	-	1215				
.21/12.7	.23/12.3	.24/12.1	.26/11.8	.27/11.4	.27/10.3	.27/9.3	.24/8.5	-	-	1216				
1979	1865	1744	1611	1465	1308	1112	861	495	-	1215				
.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				
2039	1929	1812	1686	1545	1397	1223	999	709	-	1217				
.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				
2084	1976	1862	1740	1603	1461	1301	1094	839	-	1217				
.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				
2159	2055	1946	1830	1701	1565	1419	1242	1022	-	1218				
.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				
2219	2118	2012	1900	1777	1646	1509	1350	1151	579	1219				
.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				
2279	2181	2078	1970	1853	1726	1595	1451	1272	791	1220				
.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				
2339	2243	2144	2039	1927	1804	1679	1544	1385	961	1221				
.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				
2399	2306	2209	2108	2001	1882	1760	1633	1489	1109	1222				
.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				

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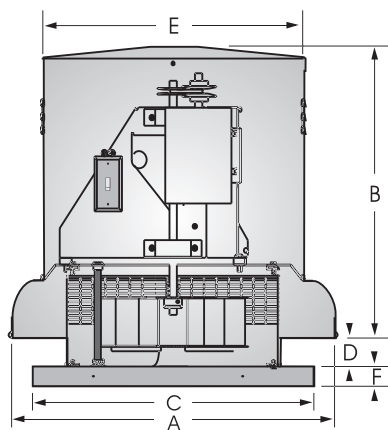




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**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
1088	710	-	-	-	-	-	-	-	-	1403		525	1/4	2090
.03/2.9	.03/1.9	-	-	-	-	-	-	-	-	1404		575	1/4	2289
1203	901	-	-	-	-	-	-	-	-	1405		625	1/4	2488
.04/3.6	.04/2.7	-	-	-	-	-	-	-	-	1406		675	1/4	2687
1317	1060	-	-	-	-	-	-	-	-	1407		725	1/4	2886
.05/4.3	.05/3.6	-	-	-	-	-	-	-	-	1408		775	1/4	3085
1432	1206	791	-	-	-	-	-	-	-	1409		825	1/4	3284
.06/5.0	.07/4.5	.06/3.4	-	-	-	-	-	-	-	1410		875	1/4	3483
1546	1343	1018	-	-	-	-	-	-	-	1411	DP22	925	1/4	3682
.08/5.9	.08/5.4	.08/4.3	-	-	-	-	-	-	-	1412		975	1/4	3881
1661	1475	1213	-	-	-	-	-	-	-	1413		1025	1/3	4080
.10/6.7	.10/6.2	.10/5.3	-	-	-	-	-	-	-	1414		1075	1/3	4279
1775	1604	1381	1017	-	-	-	-	-	-	1415		1125	1/2	4478
.12/7.4	.13/7.0	.13/6.3	.11/5.3	-	-	-	-	-	-	1416		1175	1/2	4677
1890	1731	1535	1240	-	-	-	-	-	-	1417		1225	1/2	4876
.15/8.2	.15/7.8	.15/7.3	.14/6.3	-	-	-	-	-	-	1418		1260	3/4	5016
2004	1857	1680	1439	1065	-	-	-	-	-	1419		1300	3/4	5175
.18/9.0	.18/8.6	.18/8.2	.18/7.2	.16/6.4	-	-	-	-	-	1420		1350	3/4	5374
2119	1981	1819	1613	1311	-	-	-	-	-	1421	DP24	1375	3/4	5473
.21/9.9	.21/9.5	.22/9.1	.21/8.3	.20/7.4	-	-	-	-	-	1422		1400	3/4	5573
2233	2103	1953	1773	1525	1168	-	-	-	-	1423		1400	3/4	5573
.24/10.9	.25/10.4	.25/10.0	.25/9.4	.24/8.5	.22/7.7	-	-	-	-	1424	DP25	1400	3/4	5573
2348	2225	2085	1923	1714	1425	-	-	-	-	1425		1400	3/4	5573
.28/11.8	.29/11.4	.29/11.0	.29/10.5	.29/9.6	.27/8.8	-	-	-	-	1426		1400	3/4	5573
2462	2346	2215	2067	1885	1642	1328	-	-	-	1427		1400	3/4	5573
.33/12.8	.33/12.4	.34/12.0	.34/11.7	.34/10.7	.32/9.9	.29/9.1	-	-	-	1428		1400	3/4	5573
2577	2466	2343	2206	2044	1840	1571	-	-	-	1429		1400	3/4	5573
.37/13.7	.38/13.4	.39/13.1	.39/12.6	.39/12.0	.38/11.1	.36/10.3	-	-	-	1430		1400	3/4	5573
2692	2586	2470	2341	2195	2018	1788	1510	-	-	1431		1400	3/4	5573
.42/14.8	.43/14.5	.44/14.1	.44/13.7	.44/13.2	.44/12.3	.42/11.5	.39/10.8	-	-	1432		1400	3/4	5573
2806	2705	2595	2474	2340	2183	1988	1740	1408	-	1433		1400	3/4	5573
.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	-	1434	1400	3/4	5573	
2886	2788	2682	2566	2439	2292	2116	1893	1633	-	1435	1400	3/4	5573	
.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	-	1436	1400	3/4	5573	
2978	2883	2781	2670	2550	2414	2254	2058	1818	-	1437	1400	3/4	5573	
.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	-	1438	1400	3/4	5573	
3092	3001	2904	2799	2685	2560	2417	2247	2036	-	1439	1400	3/4	5573	
.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	-	1440	1400	3/4	5573	
3150	3060	2965	2862	2752	2632	2495	2335	2141	1621	1441	1400	3/4	5573	
.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	1442	1400	3/4	5573	
3207	3119	3026	2926	2819	2703	2572	2420	2240	1782	1443	1400	3/4	5573	
.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	1444	1400	3/4	5573	

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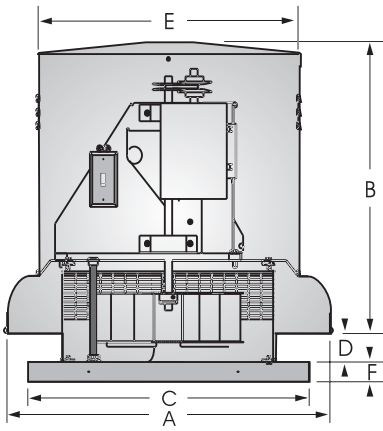




**MODEL DB**  
**BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER**



**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					
1578	851	-	-	-	-	-	-	-	-	1601	DP26	425	1/4	2030	
.04/2.9	.04/1.8	-	-	-	-	-	-	-	-	1602		465	1/4	2221	
1726	1118	-	-	-	-	-	-	-	-	1603		505	1/4	2413	
.05/3.6	.05/2.6	-	-	-	-	-	-	-	-	1604		545	1/4	2604	
1875	1338	-	-	-	-	-	-	-	-	1605		DP27	585	1/4	2795
.06/4.3	.07/3.3	-	-	-	-	-	-	-	-	1606			625	1/4	2986
2023	1540	-	-	-	-	-	-	-	-	1607		DP28	665	1/4	3177
.07/5.0	.08/4.1	-	-	-	-	-	-	-	-	1608			705	1/4	3368
2172	1733	1065	-	-	-	-	-	-	-	1609			745	1/4	3559
.09/5.8	.10/4.9	.10/4.0	-	-	-	-	-	-	-	1610		DP29	785	1/4	3750
2320	1918	1378	-	-	-	-	-	-	-	1611	800		1/4	3822	
.11/6.5	.12/5.7	.12/4.8	-	-	-	-	-	-	-	1612	825		1/3	3941	
2469	2098	1624	-	-	-	-	-	-	-	1613	845		1/3	4037	
.13/7.2	.15/6.4	.15/5.6	-	-	-	-	-	-	-	1614	DP31	870	1/3	4156	
2617	2273	1844	1188	-	-	-	-	-	-	1615		900	1/2	4300	
.16/8.0	.17/7.2	.18/6.4	.17/6.2	-	-	-	-	-	-	1616	DP31	930	1/2	4430	
2766	2444	2050	1543	-	-	-	-	-	-	1617		960	1/2	4586	
.19/8.7	.20/7.9	.21/7.2	.21/6.5	-	-	-	-	-	-	1618		1000	1/2	4778	
2914	2612	2248	1814	984	-	-	-	-	-	1619	DP31	1060	3/4	5064	
.22/9.5	.24/8.7	.25/8.0	.25/7.4	.20/7.2	-	-	-	-	-	1620		1090	3/4	5207	
2970	2674	2320	1905	1205	-	-	-	-	-	1621		1120	3/4	5351	
.23/9.8	.25/9.0	.26/8.3	.26/7.7	.23/7.5	-	-	-	-	-	1622		1155	3/4	5518	
3063	2776	2440	2049	1484	-	-	-	-	-	1613					
.26/10.3	.27/9.5	.29/8.8	.29/8.2	.27/7.7	-	-	-	-	-	1613					
3137	2857	2533	2159	1663	-	-	-	-	-	1614					
.28/10.7	.29/10.0	.31/9.2	.31/8.6	.30/8.1	-	-	-	-	-	1614					
3230	2958	2649	2293	1853	965	-	-	-	-	1615					
.30/11.2	.32/10.4	.33/9.8	.34/9.1	.34/8.6	.25/8.5	-	-	-	-	1615					
3341	3079	2786	2448	2054	1417	-	-	-	-	1615					
.33/11.9	.35/11.1	.37/10.4	.38/9.8	.37/9.3	.33/9.1	-	-	-	-	1616					
3453	3198	2920	2599	2236	1731	-	-	-	-	1616					
.37/12.5	.39/11.8	.40/11.1	.42/10.5	.42/9.9	.40/9.6	-	-	-	-	1617					
3564	3318	3053	2746	2407	1979	1181	-	-	-	1617					
.40/13.2	.43/12.5	.44/11.8	.46/11.1	.46/10.7	.45/10.2	.36/9.9	-	-	-	1618					
3712	3476	3228	2939	2623	2256	1712	-	-	-	1618					
.46/14.0	.48/13.4	.50/12.7	.51/12.1	.52/11.5	.51/11.2	.48/11.0	-	-	-	1619					
3935	3711	3484	3219	2932	2617	2230	1615	-	-	1619					
.54/15.5	.57/14.8	.59/14.1	.60/13.6	.62/13.1	.62/12.6	.60/13.0	.54/12.8	-	-	1620					
4047	3829	3610	3356	3081	2783	2436	1950	1021	-	1620					
.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	-	1621					
4158	3946	3734	3492	3227	2943	2626	2217	1542	-	1621					
.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	-	1622					
4288	4082	3878	3648	3395	3125	2831	2480	1980	-	1622					
.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					

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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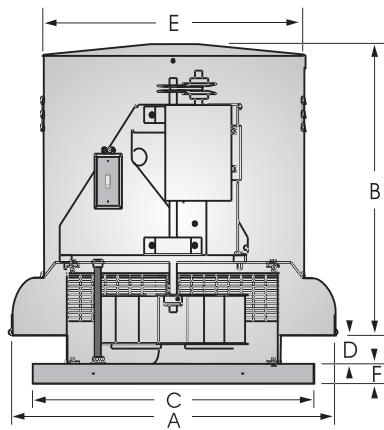




**MODEL DB**  
**BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER**



**SIZE 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	

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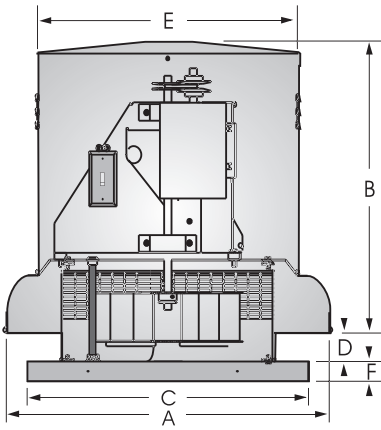




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**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	DP41	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	DP40	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	DP42	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	DP40	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	DP41	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	DP42	DP41	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	DP42	DP41	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	DP42	DP43	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	DP42	DP43	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	DP42	DP43	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	DP42	DP43	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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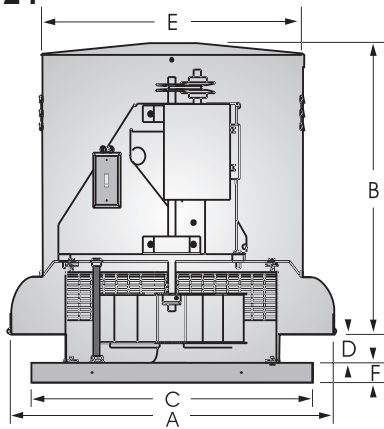




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**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	DP57			
.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	DP58			
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	DP59			
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	DP60			
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	DP61			
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	DP62			
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	DP63			
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	DP64			
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	DP65			
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	DP66			
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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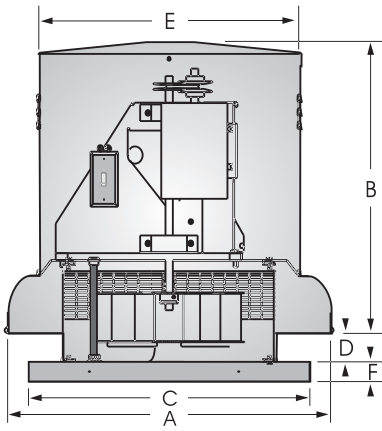




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**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	2456	-	-	-	-	-	-	-	-	3001	DP53	235	1/3	1871
.09/2.7	.09/2.5											265	1/3	2110
4588	3300	-	-	-	-	-	-	-	-	3002	DP54	295	1/3	2349
.13/3.4	.14/3.2											325	1/3	2588
5107	4015	1930	-	-	-	-	-	-	-	3003	DP55	355	1/3	2827
.18/4.2	.19/3.6	.15/3.4										385	1/2	3066
5626	4681	3220	-	-	-	-	-	-	-	3004	DP56	410	1/2	3265
.24/5.0	.26/4.1	.24/3.6										435	3/4	3464
6146	5311	4149	-	-	-	-	-	-	-	3005	DP57	465	3/4	3703
.32/5.8	.34/4.7	.33/5.0										490	1	3902
6665	5916	4921	3455	-	-	-	-	-	-	3006	DP58	515	1	4101
.40/6.6	.43/5.3	.43/6.2	.38/6.1									555	1-1/2	4419
7098	6406	5512	4350	2246	-	-	-	-	-	3007	DP59	590	1-1/2	4698
.49/7.3	.51/5.9	.52/6.6	.49/6.4	.38/6.8								625	2	4977
7531	6888	6081	5087	3601	-	-	-	-	-	3008	DP60	655	2	5215
.58/8.1	.61/6.7	.62/7.1	.60/7.0	.53/6.9								685	3	5454
8050	7456	6735	5866	4743	2961	-	-	-	-	3009	DP60	715	3	5693
.71/9.1	.74/7.6	.76/7.7	.75/8.5	.71/8.2	.59/8.1							745	3	5932
8483	7925	7262	6468	5528	4179	-	-	-	-	3010	DP60	770	5	6131
.83/9.8	.86/8.4	.89/8.2	.89/8.9	.85/8.8	.77/8.0							805	5	6410
8916	8388	7775	7047	6215	5132	3571	-	-	-	3011	DP60	840	5	6689
.97/10.6	1.00/9.2	1.03/8.7	1.03/9.4	1.01/9.2	.95/8.6	.82/8.8						875	5	6967
9608	9124	8574	7937	7213	6385	5286	3788	-	-	3012	DP60			
1.21/12.0	1.25/10.6	1.30/9.5	1.30/10.2	1.28/11.0	1.25/9.0	1.17/8.9	1.02/8.7							
10214	9761	9257	8683	8030	7315	6472	5352	3860	-	3013	DP60			
1.46/13.2	1.49/11.7	1.55/10.6	1.55/11.0	1.55/11.7	1.53/12.6	1.48/12.4	1.38/12.2	1.21/21.6						
10820	10395	9928	9405	8817	8171	7460	6604	5497	-	3014	DP60			
1.73/14.5	1.77/13.1	1.84/11.8	1.84/11.7	1.85/12.6	1.84/13.3	1.80/13.0	1.74/12.8	1.62/12.7						
11339	10936	10496	10010	9469	8871	8231	7507	6617	4024	3015	DP60			
1.99/15.6	2.03/14.2	2.07/13.1	2.10/12.6	2.13/13.2	2.12/14.0	2.10/14.8	2.05/14.6	196/14.0	1.61/13.8					
11859	11474	11058	10605	10104	9552	8960	8319	7584	5573	3016	DP60			
2.28/16.7	2.32/15.4	2.36/14.3	2.40/13.4	2.43/14.0	2.43/14.7	2.42/15.4	2.38/15.1	2.32/14.7	2.07/14.5					
12378	12011	11617	11190	10724	10213	9660	9076	8434	6767	3017	DP60			
2.59/17.9	2.64/16.5	2.68/15.4	2.72/14.4	2.75/14.8	2.77/15.4	2.76/16.1	2.73/16.9	2.69/16.8	2.49/17.9					
12897	12546	12171	11768	11332	10857	10343	9798	9220	7827	3018	DP60			
2.93/19.1	2.98/17.9	3.02/16.7	3.06/15.7	3.10/15.6	3.13/16.2	3.13/16.9	3.11/17.6	3.07/18.5	2.93/19.4					
13330	12991	12630	12245	11831	11383	10899	10381	9841	8602	3019	DP60			
3.24/20	3.29/18.9	3.33/17.8	3.37/16.8	3.41/16.4	3.45/16.9	3.46/17.6	3.45/18.3	3.42/19.1	3.31/19.8					
13936	13612	13270	12907	12520	12104	11657	11179	10676	9580	3020	DP60			
3.70/22	3.75/20	3.80/19.4	3.84/18.3	3.88/17.4	3.92/18.0	3.95/18.6	3.95/19.3	3.93/19.9	3.84/21					
14542	14232	13907	13563	13199	12811	12396	11954	11485	10487	3021	DP60			
4.20/23	4.26/22	4.31/21	4.35/19.9	4.40/19.0	4.44/19.1	4.48/19.6	4.49/20	4.48/21	4.41/22					
15148	14851	14540	14214	13871	13507	13120	12709	12273	11344	3022	DP60			
4.75/24	4.81/23	4.86/22	4.91/22	4.96/21	5.00/20	5.04/21	5.07/21	5.08/22	5.03/23					

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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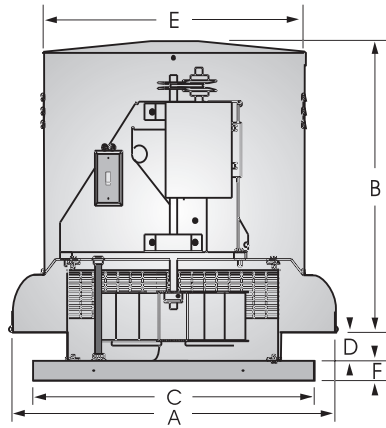




**MODEL DB**  
BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER



**SIZE 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										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					
5995	3550	-	-	-	-	-	-	-	-	3601	DP61	210	1/2	1945
.16/3.9	.14/3.0	-	-	-	-	-	-	-	-			235	1/2	2177
6708	4887	-	-	-	-	-	-	-	-	3602	DP62	260	1/2	2408
.22/4.9	.22/4.1	-	-	-	-	-	-	-	-			285	1/2	2640
7422	5964	-	-	-	-	-	-	-	-	3603	DP63	310	1/2	2871
.30/5.9	.31/5.2	-	-	-	-	-	-	-	-			330	3/4	3057
8136	6868	4443	-	-	-	-	-	-	-	3604	DP64	355	3/4	3288
.40/7.0	.42/6.4	.35/5.6	-	-	-	-	-	-	-			370	1	3427
8849	7708	5686	-	-	-	-	-	-	-	3605	DP65	385	1	3566
.51/8.2	.53/7.7	.48/6.8	-	-	-	-	-	-	-			400	1-1/2	3705
9420	8361	6793	4157	-	-	-	-	-	-	3606	DP66	415	1-1/2	3844
.62/9.2	.64/8.8	.62/8.0	.49/7.1	-	-	-	-	-	-			430	1-1/2	3983
10134	9166	7936	5730	-	-	-	-	-	-	3607	DP67	445	1-1/2	4122
.77/10.1	.80/9.7	.80/9.1	.68/8.3	-	-	-	-	-	-			470	2	4353
10562	9646	8521	6450	3321	-	-	-	-	-	3608	DP68	490	2	4539
.87/10.7	.90/10.3	.91/9.7	.80/8.9	.57/8.8	-	-	-	-	-			510	3	4724
10990	10122	9075	7268	5137	-	-	-	-	-	3609	DP69	535	3	4955
.98/11.3	1.02/10.8	1.02/10.3	.94/9.7	.80/9.0	-	-	-	-	-			560	3	5187
11418	10593	9607	8102	6133	-	-	-	-	-	3610	DP70	580	5	5372
1.10/11.9	1.14/11.4	1.15/10.9	1.09/10.3	.96/9.7	-	-	-	-	-			620	5	5742
11846	11060	10120	8852	6860	3994	-	-	-	-	3611	DP71	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	-	-	-	-			660	5	6113
12275	11524	10623	9521	7583	5709	-	-	-	-	3612	DP72			
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	-	-	-	-	3613	DP73			
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	-	-	-	3614	DP74			
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	-	-	3615	DP75			
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	-	-	3616	DP76			
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	-	3617	DP77			
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	-	3618	DP78			
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	-	3619	DP79			
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	3620	DP80			
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	3621	DP81			
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	3622	DP82			
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					

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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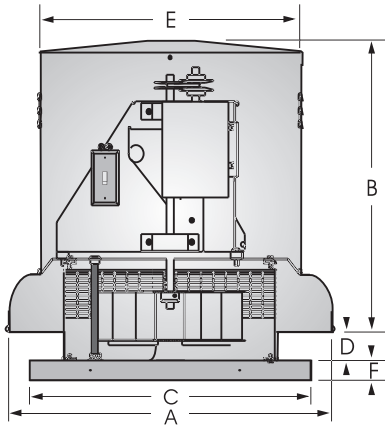




**MODEL DB**  
**BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER**



**SIZE 42**



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
48	50-1/4	53-1/4	73	40-1/2	55	10	54-5/8	2-1/2	425	700

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					
8498	4889	-	-	-	-	-	-	-	-	4201	DP68	180	1/2	1966	
.22/4.8	.20/4.4	-	-	-	-	-	-	-	-	4202		195	1/2	2129	
9206	6287	-	-	-	-	-	-	-	-	4203		210	1/2	2293	
.28/5.5	.28/5.1	-	-	-	-	-	-	-	-	4204		225	1/2	2457	
9914	7461	-	-	-	-	-	-	-	-	4205		240	1/2	2621	
.35/6.3	.36/5.9	-	-	-	-	-	-	-	-	4206		260	3/4	2839	
10622	8475	-	-	-	-	-	-	-	-	4207		275	3/4	3003	
.43/7.1	.45/6.8	-	-	-	-	-	-	-	-	4208		290	1	3167	
11330	9396	4910	-	-	-	-	-	-	-	4209		305	1	3331	
.52/7.9	.55/7.6	.40/7.4	-	-	-	-	-	-	-	4210		325	1-1/2	3549	
12275	10579	7451	-	-	-	-	-	-	-	4211	DP72	340	1-1/2	3713	
.66/9.0	.70/8.8	.62/8.6	-	-	-	-	-	-	-	4212		355	2	3877	
12983	11450	8825	-	-	-	-	-	-	-	4213		370	2	4040	
.78/9.8	.83/9.5	.78/9.2	-	-	-	-	-	-	-	4214		380	2	4150	
13691	12288	10034	4980	-	-	-	-	-	-	4215		DP73	400	3	4368
.92/10.5	.97/10.2	.94/9.9	.63/9.8	-	-	-	-	-	-	4216			425	3	4641
14399	13101	11116	7740	-	-	-	-	-	-	4217			435	5	4750
1.07/11.4	1.12/11.0	1.12/10.7	.95/10.5	-	-	-	-	-	-	4218			450	5	4914
15343	14142	12411	9744	-	-	-	-	-	-	4219			465	5	5078
1.29/12.7	1.35/12.3	1.36/11.9	1.25/11.7	-	-	-	-	-	-	4220			485	5	5296
16051	14909	13323	11079	7073	-	-	-	-	-	4221	500		5	5460	
1.48/13.6	1.54/13.2	1.56/12.9	1.48/12.6	1.16/12.6	-	-	-	-	-	4222	505		5	5515	
16760	15670	14209	12276	9251	-	-	-	-	-	4223	DP74		520	5	5673
1.68/14.6	1.75/14.3	1.78/13.9	1.73/13.6	1.51/13.5	-	-	-	-	-	4224			540	5	5837
17468	16424	15097	13368	10756	-	-	-	-	-	4225		560	5	6001	
1.91/15.7	1.97/15.4	2.01/15.1	1.99/14.7	1.81/14.6	-	-	-	-	-	4226		580	5	6165	
17940	16925	15681	14051	11690	7879	-	-	-	-	4227		600	5	6329	
2.07/16.4	2.13/16.0	2.18/15.8	2.17/15.5	2.02/15.4	1.61/15.3	-	-	-	-	4228		620	5	6493	
18884	17921	16818	15321	13399	10674	-	-	-	-	4229		640	5	6657	
2.41/17.7	2.47/17.5	2.54/17.2	2.54/16.9	2.44/16.7	2.19/16.6	-	-	-	-	4230		660	5	6821	
20064	19158	18187	16827	15279	13084	10122	-	-	-	4231		680	5	6985	
2.89/19.6	2.96/19.4	3.04/19.1	3.05/18.9	3.01/18.6	2.82/18.5	2.46/18.5	-	-	-	4232		700	5	7149	
20536	19650	18722	17415	15970	13969	11354	-	-	-	4233	720	5	7313		
3.10/20	3.17/20	3.26/19.9	3.27/19.7	3.25/19.4	3.08/19.3	2.79/19.2	-	-	-	4234	740	5	7477		
21245	20388	19503	18303	16950	15203	12874	9401	-	-	4235	760	5	7641		
3.43/22	3.50/21	3.59/21	3.62/21	3.61/21	3.49/21	3.23/20	2.69/20	-	-	4236	780	5	7805		
21953	21123	20276	19182	17883	16350	14281	11720	-	-	4237	800	5	7969		
3.78/23	3.85/23	3.95/22	4.00/22	3.99/22	3.91/22	3.69/22	3.34/22	-	-	4238	820	5	8133		
22897	22101	21297	20323	19089	17764	16014	13804	10779	-	4239	840	5	8297		
4.29/24	4.36/24	4.47/24	4.53/24	4.53/24	4.50/24	4.33/23	4.04/23	3.51/23	-	4240	860	5	8461		
23605	22832	22057	21158	19975	18753	17204	15217	12857	-	4241	880	5	8625		
4.71/26	4.78/26	4.88/25	4.96/25	4.96/25	4.95/25	4.82/25	4.57/25	4.20/25	-	4242	900	5	8789		
23841	23076	22309	21432	20267	19070	17584	15675	13399	-	4243	920	5	8953		
4.85/26	4.92/26	5.02/26	5.11/26	5.11/25	5.11/25	4.99/25	4.75/25	4.40/25	-	4244	940	5	9117		

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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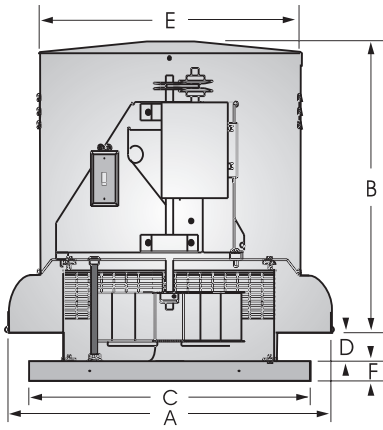




**MODEL DB**  
**BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER**



**SIZE 48**



Dimensional Data										
Damper OD	Roof Opening	Curb OD	A	B	C	D	E	F	Fan Wt	Ship Wt
48	50-1/4	53-1/4	73	40-1/2	55	113	54-5/8	2-1/2	550	830

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				
9953	5916									4801	DP75	165	1/2	2037
0.34/4.5	0.29/4.5									4802		175	1/2	2161
10557	6969									4803	DP76	190	1/2	2347
0.41/5.0	0.37/5.0									4804		200	3/4	2470
11462	8336									4805	DP77	220	3/4	2655
0.52/5.9	0.49/5.7									4806		230	1	2841
12065	9166									4807	DP78	240	1	2964
0.61/6.4	0.58/6.3									4808		255	1-1/2	3149
13271	10719	6702								4809	DP79	280	1-1/2	3335
0.81/7.6	0.79/7.5	0.64/7.5								4810		290	2	3582
13875	11459	7978								4811	DP80	305	2	3705
0.93/8.2	0.91/8.1	0.78/8.0								4812		320	3	3952
14478	12182	9095								4813	DP81	325	3	4014
1.06/8.9	1.04/8.8	0.93/8.6								4814		345	3	4261
15383	13243	10571	6153							4815	DP82	365	5	4508
1.27/9.6	1.25/9.6	1.16/9.3	0.9/9.6							4816		375	5	4631
16891	14963	12732	9568							4817	DP82	395	5	4878
1.68/10.9	1.67/10.9	1.59/10.6	1.4/10.8							4818		415	5	5310
17494	15638	13535	10717	6483						4819	DP82	430	7-1/2	5434
1.87/11.4	1.85/11.4	1.78/11.1	1.62/11.2	1.27/11.8						4820		440	7-1/2	5619
18399	16641	14696	12255	8622						4821	DP82	455	7-1/2	5804
2.17/12.2	2.16/12.2	2.1/12.0	1.95/12.1	1.65/12.6						4822		470	7-1/2	5990
19304	17632	15818	13645	10639	6682									
2.51/13.1	2.5/13.1	2.44/13.0	2.32/12.9	2.06/13.4	1.66/13.7									
19605	17961	16186	14085	11250	7354									
2.63/13.4	2.62/13.4	2.56/13.4	2.44/13.3	2.21/13.7	1.8/14.1									
20812	19267	17627	15762	13440	10204									
3.14/14.9	3.14/14.9	3.09/14.9	2.98/14.7	2.79/14.8	2.44/15.3									
22018	20560	19033	17344	15351	12772	9329								
3.72/16.5	3.72/16.5	3.67/16.5	3.58/16.3	3.42/16.2	3.14/16.6	2.7/17.0								
22622	21204	19726	18109	16240	13902	10767								
4.03/17.3	4.03/17.3	3.99/17.3	3.9/17.1	3.75/16.9	3.5/17.2	3.09/17.7								
23828	22483	21094	19600	17926	15941	13412	10186							
4.72/18.9	4.72/18.9	4.68/18.9	4.6/18.8	4.46/18.6	4.25/18.6	3.92/19.0	3.43/19.3							
25034	23755	22443	21051	19525	17782	15680	12999	9847						
5.47/21	5.47/21	5.44/21	5.36/21	5.24/20	5.06/20	4.79/20	4.37/21	3.83/21						
25939	24705	23445	22117	20682	19077	17201	14891	12003						
6.08/22	6.09/22	6.06/22	5.99/22	5.88/22	5.71/21	5.47/22	5.11/22	4.6/22						
26543	25337	24108	22820	21438	19909	18154	16042	13404						
6.52/23	6.52/23	6.49/23	6.43/23	6.32/23	6.16/22	5.94/22	5.61/23	5.14/23						
27447	26282	25097	23864	22551	21121	19514	17637	15351	9773					
7.21/25	7.21/25	7.19/25	7.13/25	7.03/24	6.88/24	6.67/24	6.38/24	5.98/24	4.83/25					
28352	27224	26081	24896	23645	22297	20809	19114	17107	11869					
7.94/26	7.95/26	7.93/26	7.87/26	7.78/26	7.64/25	7.45/25	7.19/25	6.83/25	5.73/26					

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



S&P, 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.





# MODEL TXB

## BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



### MODEL FEATURES

- Exhaust air up to 35,000 CFM in high static pressure applications up to 3-1/4" w.g.
- Attractive spun aluminum exterior
- Belt drives permit easy performance adjustments when needed
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- Roof or sidewall mounting options
- AMCA Air and Sound Licensed
- cULus 705 or 762 Listed
- NFPA - suitable for National Fire Protection Association Installations

### APPLICATION CONSTRUCTION OPTIONS

MODEL NAME	TYPICAL APPLICATIONS
TXB	Removal of clean or contaminated air in general applications
TXBRHUL	UL762 listed for grease removal
TXBHP	High Pressure version of TXB
TXBHP-RHUL	UL762 High Pressure version of TXB
TXBW	Wall mount version of TXB
TXBWRHUL	UL762 version of TXBW
TXBWHP	High Pressure version of TXBW
TXBWHPRHUL	UL762 High Pressure version of TXBW

### MODEL OVERVIEW

Model TXB belt drive fans are designed to exhaust air up to 35,000 CFM in high static pressure applications to 3-1/4". The aluminum exterior provides an attractive appearance. Belt drive results in lower operating RPM and sound levels, making the Model TXB 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. It's roof or sidewall mounting options permit location near the area to be ventilated, allowing short duct runs and more efficient operation.

Isolation of motor and drive components from the airstream and the high velocity vertical air discharge make the Model TXB ideally suited for the removal of dirty contaminated and/or high temperature air from processes and buildings. Typical applications include restaurant hoods and similar kitchen exhaust ventilation, fume and smoke removal, laboratory fume hood exhaust and chemical process exhaust. The TXB line of fans is available in a variety of construction options, see the chart above for the TXB that is right for your application.

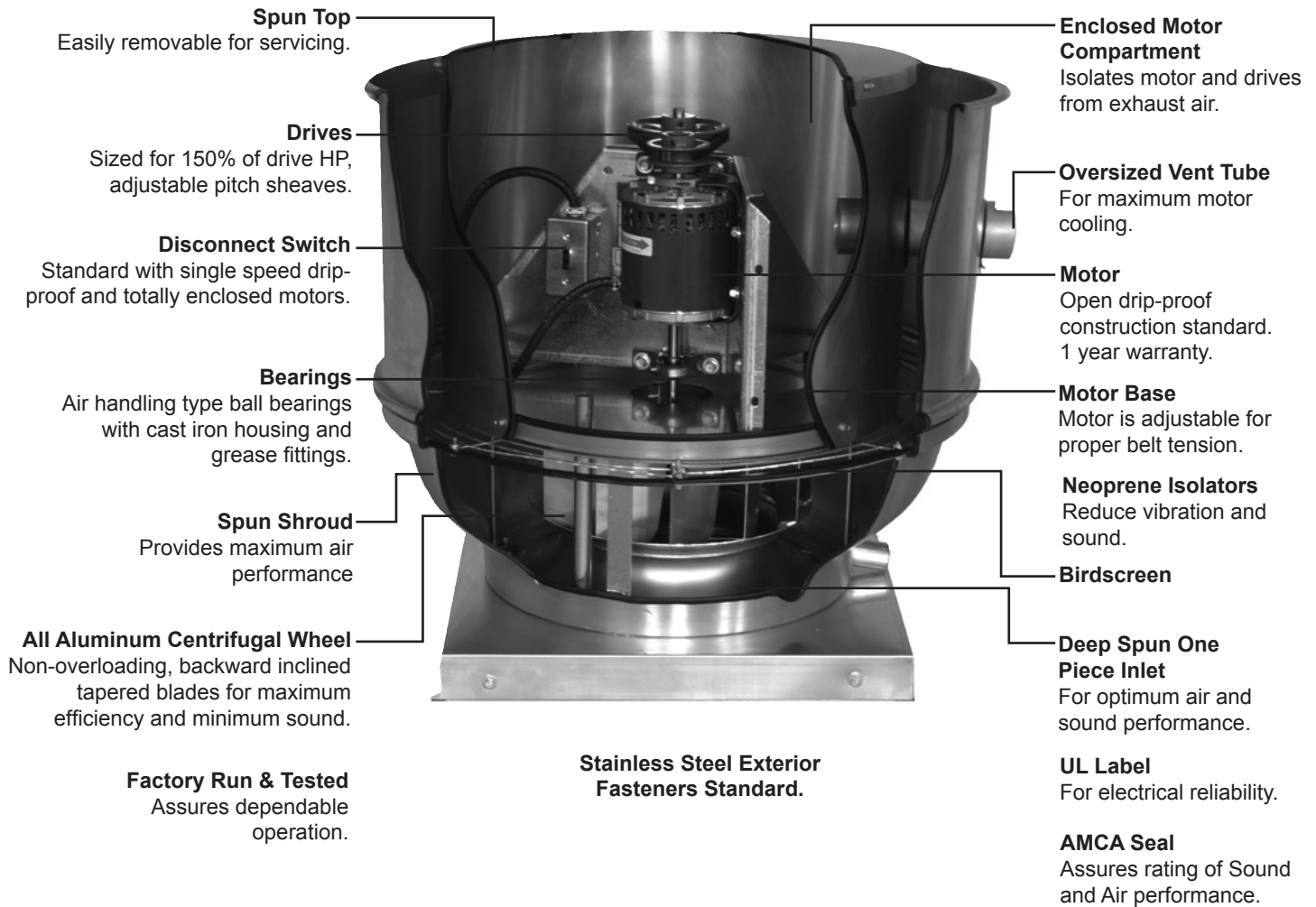
**Industry best 5 year fan housing warranty, 1 year motor warranty  
TXBRHUL units have 1 year fan housing warranty**

All specifications are subject to change without notice unless approved in submittal by Soler & Palau.



## **STANDARD CONSTRUCTION FEATURES AND OPTIONS**

### **Model TXB**

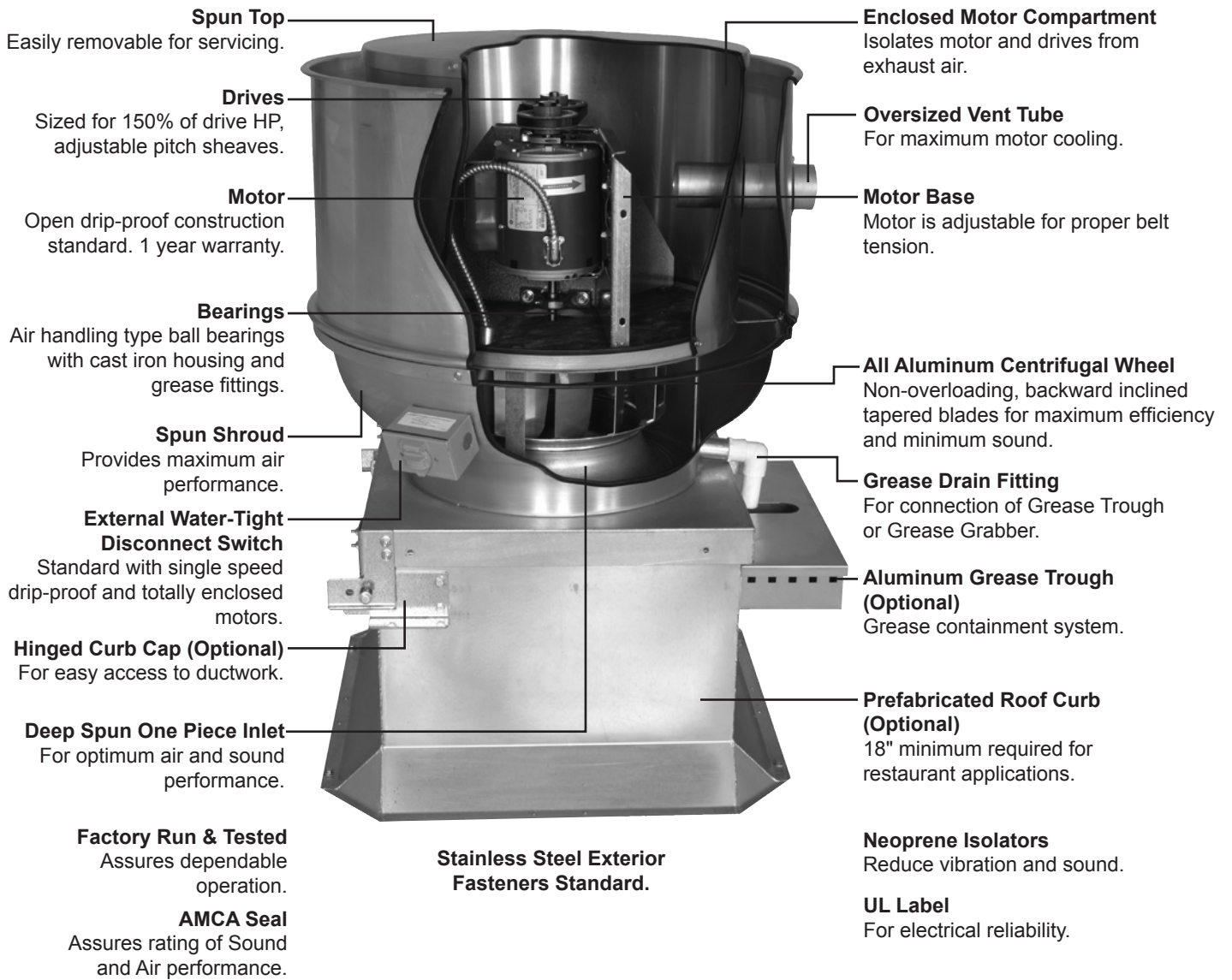


**Industry best 5 year fan housing warranty, 1 year motor warranty**



# **STANDARD CONSTRUCTION FEATURES AND OPTIONS**

## **Model TXB-UL762 Restaurant Exhaust**



**1 year fan housing warranty, 1 year motor warranty**



## **CONSTRUCTION/SPECIFICATION CHECKLIST**

### **Housing**

- Curb cap with integral deep single piece spun inlet for efficient performance and prevention of leakage into ductwork.
- Heavy-gauge aluminum housing and curb cap for strength and rigidity. Curb cap is galvanized steel on all UL 762 units.
- Adjustable motor base for proper belt tension and ease of adjustment.
- Enclosed ventilated motor/drive compartment isolates motor and drives from exhaust air.
- Neoprene isolators for reduction of vibration and sound.
- Quick-Release latches on motor cover for easy access to motor compartment.
- Water-tight conduit tube for easy electrical connection without having to wire through the breather tube.
- Birdscreen included on standard models (not included on UL762 units).

### **Centrifugal Wheel**

- Backward inclined for efficiency at higher static pressure.
- Non-overloading for safe operation in ducted systems.
- Heavy aluminum hub for extra strength.
- Close running tolerance between inlet cone and wheel inlet for maximum efficiency.
- Statically and dynamically balanced for smooth quiet operation.

### **Motors**

- Brands are nationally recognized and locally serviced.
- Single speed drip-proof motors are provided on standard models.
- Disconnect switch is standard with single speed open drip-proof and totally enclosed motors.
- Welded motor brackets designed for maximum strength.

### **Drives**

- Sized for minimum 150% of drive horse power.
- Machined cast iron adjustable motor pulleys.
- Adjustable base for belt tensioning.
- Nonstatic oil resistant V-Belts.

### **Bearings**

- 5 year bearing warranty.
- Heavy-duty ball bearing type.
- Prelubricated and permanently sealed.
- Sized for a minimum L50 life in excess of 200,000 hours.

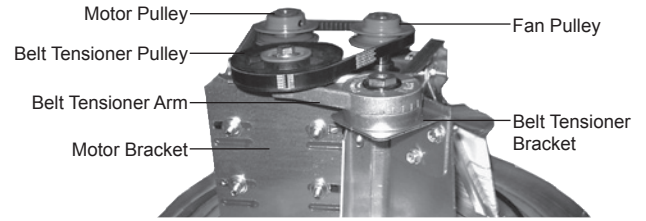
### **Certifications**

- AMCA Air and Sound Licensed.
- cULus 705 Listed Power Roof Ventilator label assures electrical reliability.
- UL 762 Listed for Restaurant Exhaust Appliance available for applications where required.
- cULus 705 and UL 762 assure electrical reliability for Canadian use.
- cULus label must be specified when needed.
- NFPA - Model TXB is suitable for National Fire Protection Association installations. Contact factory for required accessories.



## OPTIONS/ACCESSORIES

**Automatic Belt Tensioner:** Available on sizes 8-24, 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, clip lock, 14” 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. Welded & custom curbs available.

**Common Curb:** Designed to allow both the supply fan and exhaust fan to be mounted on the same curb. This curb requires only one roof opening and speeds installation time.

**Motor Operated Damper:** Motor operated aluminum damper for positive closure against backdraft. (Not for UL762 use).



**Automatic Damper:** Automatic aluminum damper for ease in installation and effective backdraft protection. (Not for UL762 use).

**Grease Grabber or Aluminum Grease Trough:** Trap designed for fast and inexpensive replacement. Grease collects in a container for safe and sanitary disposal. Keeps roof clean with proper use.

**Wall Mount Kit:** Kit allows 8-24” fans to be wall mounted. Assembled as standard on all TXDW units, not available for not wall mount units. See current submittal for details.

**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.

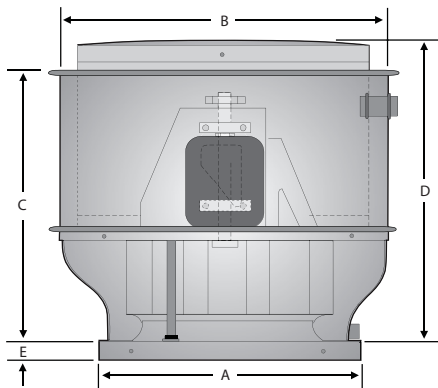
**Curb Hinge Arrangement:** The curb hinge arrangement provides easy access to the exhaust fan, backdraft damper, and duct for servicing and cleaning.





# PERFORMANCE/DIMENSIONS

## SIZE 8



Dimensions (in.)				
A	B	C	D	E
16-1/2	24	24	27	1-3/4

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
11	11	11-3/4	14-3/4	.063	.050	.050	68

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	Catalog Number			
431	301	-	-	-	-	-	-	-	-	-	-	TXB-801	800	1/4	2130
0.01/3.8	0.01/2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
485	379	-	-	-	-	-	-	-	-	-	-	TXB-802	900	1/4	2396
0.02/4.6	0.02/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
512	409	224	-	-	-	-	-	-	-	-	-	TXB-803	950	1/4	2629
0.02/5.1	0.02/4.1	0.02/3.1	-	-	-	-	-	-	-	-	-	-	-	-	-
538	439	294	-	-	-	-	-	-	-	-	-	TXB-804	1000	1/4	2662
0.03/5.6	0.03/4.7	0.03/3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
565	468	347	-	-	-	-	-	-	-	-	-	TXB-805	1050	1/4	2796
0.03/6.1	0.03/5.3	0.03/4.2	-	-	-	-	-	-	-	-	-	-	-	-	-
592	496	399	-	-	-	-	-	-	-	-	-	TXB-806	1100	1/4	2929
0.04/6.6	0.03/5.8	0.04/4.8	-	-	-	-	-	-	-	-	-	-	-	-	-
619	525	441	249	-	-	-	-	-	-	-	-	TXB-807	1150	1/4	3062
0.04/7.2	0.04/6.4	0.04/5.4	0.04/4.5	-	-	-	-	-	-	-	-	-	-	-	-
646	554	480	329	-	-	-	-	-	-	-	-	TXB-808	1200	1/4	3195
0.05/7.8	0.05/7.0	0.05/6.0	0.04/5.1	-	-	-	-	-	-	-	-	-	-	-	-
673	583	519	389	-	-	-	-	-	-	-	-	TXB-809	1250	1/4	3328
0.05/8.4	0.05/7.6	0.06/6.6	0.05/5.7	-	-	-	-	-	-	-	-	-	-	-	-
700	612	553	439	221	-	-	-	-	-	-	-	TXB-810	1300	1/4	3461
0.06/9.0	0.06/8.2	0.06/7.2	0.06/6.3	0.06/5.6	-	-	-	-	-	-	-	-	-	-	-
727	641	583	492	328	-	-	-	-	-	-	-	TXB-811	1350	1/4	3594
0.06/9.7	0.06/8.8	0.07/7.8	0.07/7.0	0.06/6.2	-	-	-	-	-	-	-	-	-	-	-
781	698	641	571	456	236	-	-	-	-	-	-	TXB-812	1450	1/4	3861
0.08/10.7	0.08/9.9	0.6/9.0	0.09/8.1	0.08/7.4	0.08/6.7	-	-	-	-	-	-	-	-	-	-
818	738	681	628	526	384	-	-	-	-	-	-	TXB-813	1520	1/4	4047
0.09/11.4	0.09/10.6	0.06/9.8	0.10/9.0	0.11/8.2	0.09/7.5	-	-	-	-	-	-	-	-	-	-
856	777	722	676	595	476	-	-	-	-	-	-	TXB-814	1590	1/4	4233
0.11/12.2	0.11/11.3	0.11/10.6	0.11/9.8	0.11/9.1	0.10/8.4	-	-	-	-	-	-	-	-	-	-
896	820	766	721	653	553	420	-	-	-	-	-	TXB-815	1665	1/4	4433
0.12/13.0	0.12/12.2	0.12/11.5	0.13/10.7	0.13/10.0	0.13/9.3	0.12/8.7	-	-	-	-	-	-	-	-	-
972	899	846	802	761	687	587	-	-	-	-	-	TXB-816	1805	1/4	4806
0.15/14.5	0.16/13.9	0.15/13.3	0.16/12.6	0.17/11.8	0.17/11.1	0.16/10.6	-	-	-	-	-	-	-	-	-
993	921	869	825	786	717	627	334	-	-	-	-	TXB-817	1845	1/4	4912
0.17/15.0	0.17/14.4	0.16/13.8	0.17/13.1	0.18/12.4	0.18/11.6	0.18/11.1	0.17/10.0	-	-	-	-	-	-	-	-
1034	962	912	869	831	777	706	481	-	-	-	-	TXB-818	1920	1/4	5112
0.19/16.0	0.19/15.4	0.19/14.8	0.19/14.1	0.19/13.4	0.20/12.8	0.20/12.1	0.18/11.0	-	-	-	-	-	-	-	-
1074	1005	955	912	875	834	766	583	-	-	-	-	TXB-819	1995	1/4	5312
0.21/17.1	0.21/16.4	0.21/15.9	0.21/15.2	0.21/14.5	0.22/13.8	0.22/13.2	0.20/12.1	-	-	-	-	-	-	-	-
1115	1047	998	955	918	883	824	664	390	-	-	-	TXB-820	2070	1/4	5511
0.23/18.1	0.24/17.5	0.23/16.9	0.23/16.3	0.27/15.6	0.25/14.9	0.25/14.3	0.24/13.1	0.23/12.1	-	-	-	-	-	-	-
1141	1075	1026	984	947	913	865	713	493	-	-	-	TXB-821	2120	1/3	5644
0.25/18.8	0.25/18.2	0.25/17.6	0.25/17.1	0.25/16.3	0.26/15.6	0.27/15.0	0.27/13.8	0.24/12.9	-	-	-	-	-	-	-
1222	1159	1111	1070	1034	1001	969	858	697	-	-	-	TXB-822	2270	1/3	6044
0.31/21	0.31/20	0.31/19.9	0.31/19.3	0.31/18.6	0.31/18.0	0.33/17.3	0.33/16.1	0.30/15.0	-	-	-	-	-	-	-

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models TXB 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.



UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal

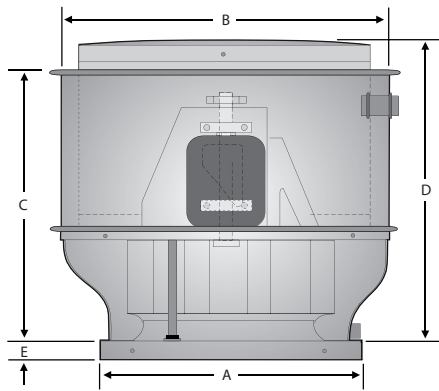




**MODEL TXB**  
BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 10**



Dimensions (in.)				
A	B	C	D	E
16-1/2	27	26	29	1-3/4

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
11	11	11-3/4	14-3/4	.063	.050	.050	70

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2					
628	386	-	-	-	-	-	-	-	-	-	-	-	TXB-1001	640	1/4	2052
0.02/2.9	0.02/1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
667	448	-	-	-	-	-	-	-	-	-	-	-	TXB-1002	680	1/4	2181
0.03/3.3	0.03/2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
706	506	-	-	-	-	-	-	-	-	-	-	-	TXB-1003	720	1/4	2309
0.03/3.7	0.03/2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
746	560	-	-	-	-	-	-	-	-	-	-	-	TXB-1004	760	1/4	2437
0.04/4.2	0.04/3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
785	612	349	-	-	-	-	-	-	-	-	-	-	TXB-1005	800	1/4	2566
0.05/4.8	0.05/3.8	0.04/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
863	711	504	-	-	-	-	-	-	-	-	-	-	TXB-1006	880	1/4	2822
0.06/5.8	0.06/4.9	0.06/4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
903	758	570	-	-	-	-	-	-	-	-	-	-	TXB-1007	920	1/4	2950
0.07/6.3	0.07/5.5	0.07/4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
981	851	689	471	-	-	-	-	-	-	-	-	-	TXB-1008	1000	1/4	3207
0.09/7.5	0.09/6.6	0.09/6.0	0.09/5.8	-	-	-	-	-	-	-	-	-	-	-	-	-
1020	896	745	550	242	-	-	-	-	-	-	-	-	TXB-1009	1040	1/4	3335
0.10/8.0	0.11/7.2	0.11/6.6	0.10/6.3	0.08/6.3	-	-	-	-	-	-	-	-	-	-	-	-
1099	985	851	687	468	-	-	-	-	-	-	-	-	TXB-1010	1120	1/4	3592
0.13/9.3	0.13/8.4	0.13/7.8	0.13/7.3	0.12/7.3	-	-	-	-	-	-	-	-	-	-	-	-
1128	1017	889	734	534	-	-	-	-	-	-	-	-	TXB-1011	1150	1/4	3688
0.14/9.7	0.14/8.8	0.14/8.2	0.14/7.7	0.13/7.6	-	-	-	-	-	-	-	-	-	-	-	-
1236	1136	1023	894	739	542	-	-	-	-	-	-	-	TXB-1012	1260	1/4	4041
0.18/11.1	0.19/10.3	0.19/9.6	0.19/9.1	0.18/8.8	0.17/8.8	-	-	-	-	-	-	-	-	-	-	-
1290	1195	1088	968	828	657	429	-	-	-	-	-	-	TXB-1013	1315	1/4	4217
0.21/12	0.21/11.1	0.21/10.4	0.21/9.9	0.21/9.5	0.20/9.4	0.18/9.4	-	-	-	-	-	-	-	-	-	-
1339	1248	1146	1033	903	750	558	-	-	-	-	-	-	TXB-1014	1365	1/4	4378
0.23/12.7	0.24/11.9	0.24/11.2	0.24/10.6	0.24/10.2	0.23/10.1	0.22/10.1	-	-	-	-	-	-	-	-	-	-
1393	1306	1209	1103	983	845	678	-	-	-	-	-	-	TXB-1015	1420	1/4	4554
0.26/13.5	0.26/12.8	0.27/12.1	0.27/11.5	0.27/11.1	0.26/10.7	0.25/10.7	-	-	-	-	-	-	-	-	-	-
1452	1368	1277	1177	1066	940	794	-	-	-	-	-	-	TXB-1016	1480	1/3	4746
0.29/14.5	0.30/13.8	0.30/13.2	0.30/12.5	0.30/12.1	0.30/11.6	0.29/11.6	-	-	-	-	-	-	-	-	-	-
1501	1421	1334	1238	1133	1015	881	530	-	-	-	-	-	TXB-1017	1530	1/3	4907
0.32/15.5	0.33/14.6	0.34/13.9	0.34/13.3	0.34/12.9	0.33/12.5	0.33/12.3	0.29/12.3	-	-	-	-	-	-	-	-	-
1540	1462	1377	1285	1185	1074	949	630	-	-	-	-	-	TXB-1018	1570	1/2	5033
0.35/16.2	0.36/15.5	0.36/14.8	0.36/14.1	0.36/13.6	0.36/13.2	0.36/12.9	0.33/12.9	-	-	-	-	-	-	-	-	-
1570	1493	1410	1321	1223	1116	997	699	-	-	-	-	-	TXB-1019	1600	1/2	5131
0.37/16.8	0.38/16.1	0.38/15.4	0.38/14.7	0.38/14.1	0.38/13.7	0.38/13.4	0.35/13.4	-	-	-	-	-	-	-	-	-
1599	1524	1443	1356	1261	1158	1044	763	-	-	-	-	-	TXB-1020	1630	1/2	5227
0.39/17.4	0.40/16.7	0.40/16.0	0.41/15.3	0.41/14.7	0.41/14.3	0.40/13.9	0.38/13.8	-	-	-	-	-	-	-	-	-
1638	1565	1486	1402	1311	1213	1104	844	471	-	-	-	-	TXB-1021	1670	1/2	5356
0.42/18.1	0.43/17.4	0.43/16.8	0.44/16.1	0.44/15.5	0.44/15.1	0.43/14.7	0.42/14.5	0.36/14.5	-	-	-	-	-	-	-	-
1731	1663	1589	1511	1428	1338	1240	1015	727	-	-	-	-	TXB-1022	1765	1/2	5660
0.50/20	0.51/19.2	0.51/18.4	0.52/17.8	0.52/17.4	0.52/16.9	0.51/16.6	0.50/16.1	0.47/16.1	-	-	-	-	-	-	-	-

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models TXB 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.



UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal

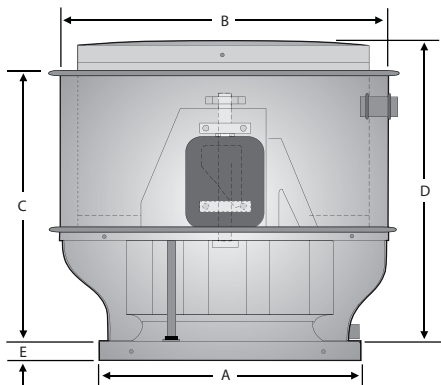


# MODEL TXB

## BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



### SIZE 12



Dimensions (in.)				
A	B	C	D	E
24	31-1/2	26	29	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
18	18	19-1/4	22-1/4	.063	.050	.050	90

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	Catalog Number			
1055	945	836	687	466	-	-	-	-	-	-	-	TXB-12161	1050	1/4	3367
0.09/7.7	0.09/7.2	0.09/6.8	0.09/6.4	0.09/5.9	-	-	-	-	-	-	-	-	-	-	-
1120	1016	916	789	623	-	-	-	-	-	-	-	TXB-12162	1115	1/4	3576
0.10/8.7	0.11/8.2	0.11/7.8	0.11/7.3	0.11/6.9	-	-	-	-	-	-	-	-	-	-	-
1185	1085	994	883	740	539	-	-	-	-	-	-	TXB-12163	1180	1/4	3784
0.12/9.8	0.13/9.3	0.13/8.8	0.13/8.3	0.13/7.9	0.13/7.6	-	-	-	-	-	-	-	-	-	-
1251	1154	1070	970	845	693	383	-	-	-	-	-	TXB-12164	1245	1/4	3993
0.14/10.6	0.15/10.1	0.15/9.6	0.15/9.1	0.15/8.7	0.15/8.4	0.13/8.1	-	-	-	-	-	-	-	-	-
1316	1223	1144	1054	945	812	638	-	-	-	-	-	TXB-12165	1310	1/4	4201
0.17/11.5	0.17/11.0	0.18/10.6	0.18/10.2	0.18/9.8	0.18/9.4	0.17/9.0	-	-	-	-	-	-	-	-	-
1346	1255	1177	1091	988	862	709	-	-	-	-	-	TXB-12251	1340	1/4	4297
0.18/12.0	0.18/11.5	0.19/11.1	0.19/10.6	0.19/10.2	0.19/9.9	0.19/9.5	-	-	-	-	-	-	-	-	-
1381	1292	1217	1134	1037	918	782	-	-	-	-	-	TXB-12252	1375	1/4	4410
0.19/12.5	0.20/12.1	0.21/11.7	0.21/11.2	0.21/10.8	0.21/10.4	0.21/10.1	-	-	-	-	-	-	-	-	-
1411	1323	1250	1170	1077	966	837	-	-	-	-	-	TXB-12253	1405	1/4	4506
0.21/13.0	0.21/12.6	0.22/12.1	0.22/11.7	0.22/11.3	0.22/11.0	0.22/10.6	-	-	-	-	-	-	-	-	-
1446	1360	1288	1211	1124	1019	898	461	-	-	-	-	TXB-12254	1440	1/4	4618
0.22/13.6	0.23/13.6	0.24/12.7	0.24/12.3	0.24/11.9	0.24/11.6	0.24/11.2	0.20/10.7	-	-	-	-	-	-	-	-
1477	1391	1321	1246	1163	1064	948	610	-	-	-	-	TXB-12255	1470	1/4	4714
0.24/14.1	0.24/13.6	0.25/13.2	0.25/12.9	0.25/12.5	0.25/12.1	0.25/11.7	0.23/11.1	-	-	-	-	-	-	-	-
1507	1423	1353	1281	1201	1107	996	703	-	-	-	-	TXB-12256	1500	1/4	4810
0.25/14.6	0.26/14.2	0.27/13.7	0.27/13.3	0.27/13.0	0.27/12.6	0.27/12.3	0.26/11.6	-	-	-	-	-	-	-	-
1542	1459	1391	1322	1245	1156	1051	791	-	-	-	-	TXB-12331	1535	1/3	4923
0.27/15.2	0.27/14.8	0.28/14.4	0.29/14.0	0.29/13.6	0.29/13.2	0.29/12.9	0.28/12.2	-	-	-	-	-	-	-	-
1577	1496	1429	1362	1288	1204	1105	867	-	-	-	-	TXB-12332	1570	1/3	5035
0.29/15.9	0.29/15.4	0.30/15.0	0.31/14.6	0.31/14.3	0.31/13.9	0.31/13.5	0.31/12.9	-	-	-	-	-	-	-	-
1617	1538	1472	1407	1336	1256	1165	944	515	-	-	-	TXB-12333	1610	1/3	5163
0.31/16.6	0.32/16.2	0.33/15.8	0.33/15.4	0.33/15.0	0.33/14.7	0.33/14.3	0.33/13.6	0.28/13.1	-	-	-	-	-	-	-
1652	1574	1509	1446	1378	1302	1215	1006	687	-	-	-	TXB-12334	1645	1/3	5275
0.33/17.2	0.34/16.8	0.35/17.0	0.35/17.0	0.35/16.0	0.35/16.0	0.35/16.0	0.35/15.0	0.33/14.0	-	-	-	-	-	-	-
1713	1636	1573	1513	1448	1378	1298	1106	858	-	-	-	TXB-12501	1705	1/2	5468
0.37/19.0	0.37/19.0	0.38/18.0	0.39/18.0	0.39/17.0	0.39/17.0	0.39/17.0	0.39/16.0	0.39/16.0	-	-	-	-	-	-	-
1773	1699	1637	1579	1517	1451	1378	1202	898	573	-	-	TXB-12502	1765	1/2	5660
0.41/20	0.41/20	0.42/20	0.44/19.0	0.44/19.0	0.44/18.0	0.44/18.0	0.44/17.0	0.44/17.0	0.37/16.0	-	-	-	-	-	-
1838	1766	1706	1650	1592	1529	1462	1302	1109	841	-	-	TXB-12503	1830	1/2	5869
0.45/22	0.46/22	0.47/21	0.48/21	0.49/20	0.49/20	0.49/20	0.49/19.0	0.49/18.0	0.47/18.0	-	-	-	-	-	-
1898	1828	1769	1715	1659	1600	1537	1390	1211	992	-	-	TXB-12504	1890	1/2	6061
0.50/24	0.51/23	0.52/23	0.53/22	0.54/22	0.54/21	0.54/21	0.54/20	0.54/20	0.53/19.0	-	-	-	-	-	-
1969	1900	1843	1790	1738	1681	1622	1487	1323	1134	858	-	TXB-12751	1960	3/4	6286
0.56/25	0.56/25	0.58/25	0.59/24	0.60/24	0.60/23	0.60/23	0.60/22	0.60/22	0.60/21	0.57/21	-	-	-	-	-
2039	1972	1917	1865	1815	1761	1705	1581	1432	1258	1045	601	TXB-12752	2030	3/4	6510
0.62/27	0.63/27	0.64/26	0.65/26	0.66/26	0.67/25	0.67/25	0.66/24	0.66/24	0.67/23	0.65/22	0.54/22	-	-	-	-
2104	2039	1985	1934	1886	1835	1781	1665	1528	1366	1184	917	TXB-12753	2095	3/4	6719
0.68/29	0.69/29	0.70/28	0.71/28	0.73/28	0.73/27	0.73/27	0.73/26	0.73/25	0.73/25	0.73/24	0.69/24	-	-	-	-
2175	2111	2058	2009	1961	1913	1862	1753	1627	1478	1312	1105	TXB-12754	2165	3/4	6943
0.75/32	0.76/31	0.77/31	0.78/30	0.80/30	0.81/29	0.81/29	0.81/28	0.81/27	0.81/27	0.81/26	0.79/26	-	-	-	-

Power Ratings (BHP) does not include drive losses.

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

Performance ratings do not 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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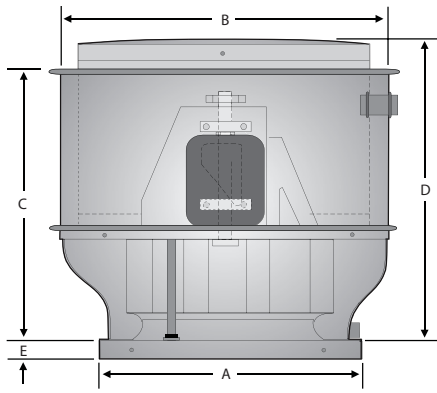
UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal



# MODEL TXB BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



## SIZE 15



Dimensions (in.)				
A	B	C	D	E
24	31-1/2	26	29	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
18	18	19-1/4	22-1/4	.063	.050	.050	95

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2					
1525	1301	1019	-	-	-	-	-	-	-	-	-	-	TXB-15161	700	1/4	2792
0.09/6.8	0.09/6.0	0.09/5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1710	1513	1286	972	-	-	-	-	-	-	-	-	-	TXB-15162	785	1/4	3134
0.12/8.3	0.13/7.4	0.13/6.9	0.12/5.9	-	-	-	-	-	-	-	-	-	-	-	-	-
1895	1719	1525	1291	944	-	-	-	-	-	-	-	-	TXB-15163	870	1/4	3473
0.17/9.9	0.17/9.0	0.18/8.4	0.17/7.7	0.16/6.9	-	-	-	-	-	-	-	-	-	-	-	-
1938	1767	1579	1356	1047	-	-	-	-	-	-	-	-	TXB-15251	890	1/4	3553
0.18/10.3	0.19/9.4	0.19/8.8	0.19/8.2	0.18/7.3	-	-	-	-	-	-	-	-	-	-	-	-
1982	1814	1632	1420	1137	544	-	-	-	-	-	-	-	TXB-15252	910	1/4	3633
0.19/10.7	0.20/9.8	0.20/9.2	0.20/8.7	0.19/7.7	0.15/7.4	-	-	-	-	-	-	-	-	-	-	-
2026	1862	1685	1481	1220	763	-	-	-	-	-	-	-	TXB-15253	930	1/4	3713
0.21/11.1	0.21/10.2	0.21/9.6	0.21/9.2	0.21/8.2	0.18/7.7	-	-	-	-	-	-	-	-	-	-	-
2080	1921	1750	1556	1317	951	-	-	-	-	-	-	-	TXB-15254	955	1/4	3813
0.22/11.6	0.23/10.8	0.23/10.1	0.23/9.7	0.23/8.8	0.21/8.1	-	-	-	-	-	-	-	-	-	-	-
2124	1968	1801	1615	1389	1068	-	-	-	-	-	-	-	TXB-15255	975	1/4	3893
0.24/12.1	0.24/11.2	0.25/10.6	0.25/10.1	0.24/9.3	0.23/8.4	-	-	-	-	-	-	-	-	-	-	-
2167	2015	1852	1672	1458	1170	572	-	-	-	-	-	-	TXB-15256	995	1/4	3972
0.25/12.5	0.26/11.6	0.26/11.1	0.26/10.6	0.26/9.8	0.25/8.9	0.19/8.8	-	-	-	-	-	-	-	-	-	-
2243	2096	1941	1770	1574	1325	929	-	-	-	-	-	-	TXB-15331	1030	1/3	4112
0.28/13.3	0.29/12.4	0.29/11.9	0.29/11.4	0.29/10.8	0.28/9.9	0.25/9.4	-	-	-	-	-	-	-	-	-	-
2309	2166	2016	1853	1668	1443	1125	-	-	-	-	-	-	TXB-15332	1060	1/3	4232
0.31/13.9	0.31/13.1	0.32/12.7	.32/12.2	0.32/11.6	0.31/10.7	0.29/9.9	-	-	-	-	-	-	-	-	-	-
2385	2247	2103	1947	1774	1570	1305	-	-	-	-	-	-	TXB-15333	1095	1/3	4372
0.34/14.7	0.34/13.9	0.35/13.5	0.35/13.1	0.35/12.6	0.34/11.7	0.33/10.8	-	-	-	-	-	-	-	-	-	-
2472	2339	2201	2053	1891	1706	1479	-	-	-	-	-	-	TXB-15501	1135	1/2	4531
0.38/15.7	0.38/14.9	0.39/14.5	0.39/14.0	0.39/13.6	0.39/12.9	0.38/12.0	-	-	-	-	-	-	-	-	-	-
2559	2431	2298	2157	2004	1833	1632	953	-	-	-	-	-	TXB-15502	1175	1/2	4691
0.42/16.7	0.42/16.0	0.43/15.6	0.43/15.1	0.43/14.6	0.43/14.1	0.42/13.2	0.35/12.1	-	-	-	-	-	-	-	-	-
2646	2522	2394	2260	2115	1956	1774	1247	-	-	-	-	-	TXB-15503	1215	1/2	4851
0.46/17.7	0.47/17.1	0.47/16.7	0.48/16.3	0.48/15.8	0.48/15.3	0.47/14.4	0.43/13.0	-	-	-	-	-	-	-	-	-
2733	2613	2490	2361	2223	2074	1906	1462	-	-	-	-	-	TXB-15504	1255	1/2	5011
0.51/18.7	0.52/18.2	0.52/17.8	0.52/17.4	0.53/16.9	0.53/16.4	0.52/15.7	0.49/14.0	-	-	-	-	-	-	-	-	-
2831	2715	2597	2473	2343	2203	2048	1664	928	-	-	-	-	TXB-15751	1300	3/4	5190
0.57/19.8	0.57/19.2	0.58/18.8	0.58/18.4	0.58/17.9	0.58/17.4	0.56/15.2	0.46/14.5	-	-	-	-	-	-	-	-	-
2929	2817	2703	2585	2460	2328	2184	1841	1308	-	-	-	-	TXB-15752	1345	3/4	5370
0.63/21	0.63/20	0.64/19.8	0.64/19.4	0.65/19.0	0.65/18.5	0.65/18.0	0.63/16.5	0.57/15.2	-	-	-	-	-	-	-	-
3027	2919	2809	2695	2576	2450	2316	2003	1569	-	-	-	-	TXB-15753	1390	3/4	5549
0.69/22	0.70/21	0.70/21	0.71/20	0.71/20	0.71/19.6	0.71/19.1	0.70/17.7	0.66/16.1	-	-	-	-	-	-	-	-
3125	3020	2914	2804	2690	2571	2444	2155	1782	1129	-	-	-	TXB-15754	1435	3/4	5729
0.76/23	0.77/22	0.77/22	0.78/21	0.78/21	0.79/21	0.79/20	0.78/19.0	0.75/17.4	0.64/16.7	-	-	-	-	-	-	-
3213	3110	3007	2901	2791	2676	2555	2284	1948	1444	-	-	-	TXB-15101	1475	1	5889
0.83/24	0.83/24	0.84/23	0.85/22	0.85/22	0.85/22	0.85/21	0.85/20	0.83/18.5	0.75/17.4	-	-	-	-	-	-	-
3330	3200	3100	2997	2891	2780	2664	2408	2100	1679	805	-	-	TXB-15102	1515	1	6049
0.90/25	0.90/25	0.91/24	0.92/23	0.92/23	0.92/23	0.93/22	0.92/21	0.91/19.7	0.85/18.2	0.64/18.1	-	-	-	-	-	-
3376	3279	3181	3080	2977	2870	2758	2513	2226	1853	1220	-	-	TXB-15103	1550	1	6188
0.96/26	0.97/25	0.97/25	0.98/24	0.98/24	0.99/24	0.99/23	0.99/22	0.98/21	0.93/19.3	0.80/18.8	-	-	-	-	-	-
3463	3368	3273	3175	3075	2972	2864	2631	2362	2029	1538	-	-	TXB-15104	1590	1	6348
1.04/27	1.04/27	1.05/26	1.06/25	1.06/25	1.07/25	1.07/24	1.07/23	1.06/22	1.03/21	0.94/19.6	-	-	-	-	-	-
3692	3603	3514	3423	3330	3235	3136	2927	2696	2428	2095	1612	-	TXB-15151	1695	1-1/2	6767
1.26/30	1.26/30	1.27/29	1.28/28	1.28/28	1.29/27	1.29/27	1.30/26	1.29/26	1.28/24	1.23/23	1.13/22	-	-	-	-	-
3931	3848	3764	3679	3593	3505	3414	3225	3020	2792	2530	2209	-	TXB-15152	1805	1-1/2	7206
1.52/34	1.53/33	1.53/32	1.54/32	1.55/31	1.55/31	1.56/30	1.56/30	1.57/29	1.56/28	1.53/26	1.49/25	-	-	-	-	-

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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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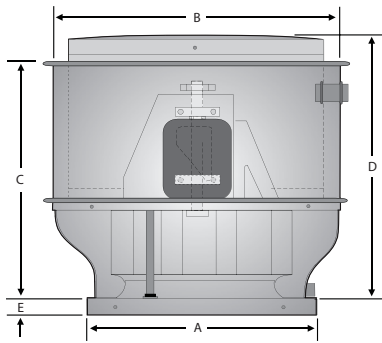
UL STANDARD 705 for Electrical  
UL STANDARD 762 for  
Grease Removal



**MODEL TXB**  
**BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**SIZE 15 - HIGH PRESSURE**



Dimensions (in.)				
A	B	C	D	E
24	31-1/2	26	29	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
18	18	19-1/4	22-1/4	.063	.050	.050	95

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2					
1033	573	-	-	-	-	-	-	-	-	-	-	-	TXBHP-15161	740	1/4	2954
0.09/5.4	0.07/4.8	-	-	-	-	-	-	-	-	-	-	-	TXBHP-15162	825	1/4	3294
1266	1003	-	-	-	-	-	-	-	-	-	-	-	TXBHP-15163	910	1/4	3633
0.13/7.5	0.12/6.1	-	-	-	-	-	-	-	-	-	-	-	TXBHP-15251	935	1/4	3733
1479	1276	989	-	-	-	-	-	-	-	-	-	-	TXBHP-15252	955	1/4	3813
0.17/9.7	0.17/8.2	0.16/7.4	-	-	-	-	-	-	-	-	-	-	TXBHP-15253	980	1/4	3913
1539	1348	1092	-	-	-	-	-	-	-	-	-	-	TXBHP-15254	1000	1/4	3992
0.18/10.4	0.18/8.9	0.18/7.8	-	-	-	-	-	-	-	-	-	-	TXBHP-15255	1025	1/4	4092
1586	1403	1166	737	-	-	-	-	-	-	-	-	-	TXBHP-15256	1045	1/4	4172
0.19/11.0	0.19/9.5	0.19/8.2	0.16/8.2	-	-	-	-	-	-	-	-	-	TXBHP-15331	1080	1/3	4312
1645	1471	1253	916	-	-	-	-	-	-	-	-	-	TXBHP-15332	1110	1/3	4432
0.21/11.7	0.21/10.3	0.21/8.9	0.19/8.7	-	-	-	-	-	-	-	-	-	TXBHP-15333	1145	1/3	4571
1692	1524	1319	1024	-	-	-	-	-	-	-	-	-	TXBHP-15501	1190	1/2	4751
0.22/12.3	0.22/10.9	0.22/9.4	0.21/9.0	-	-	-	-	-	-	-	-	-	TXBHP-15502	1230	1/2	4911
1749	1589	1397	1138	-	-	-	-	-	-	-	-	-	TXBHP-15503	1270	1/2	5070
0.24/13.1	0.24/11.7	0.24/10.2	0.23/9.5	-	-	-	-	-	-	-	-	-	TXBHP-15504	1310	1/2	5230
1795	1640	1456	1219	796	-	-	-	-	-	-	-	-	TXBHP-15751	1360	3/4	5430
0.25/13.8	0.26/12.4	0.25/10.8	0.24/9.9	0.21/9.9	-	-	-	-	-	-	-	-	TXBHP-15752	1405	3/4	5609
1874	1727	1557	1348	1041	-	-	-	-	-	-	-	-	TXBHP-15753	1455	3/4	5809
0.28/14.9	0.28/13.6	0.28/11.8	0.27/10.6	0.25/10.6	-	-	-	-	-	-	-	-	TXBHP-15754	1500	3/4	5989
1941	1800	1640	1448	1190	-	-	-	-	-	-	-	-	TXBHP-15101	1545	1	6168
0.30/15.4	0.31/14.3	0.31/12.7	0.30/11.4	0.29/11.0	-	-	-	-	-	-	-	-	TXBHP-15102	1590	1	6348
2019	1885	1734	1558	1337	-	-	-	-	-	-	-	-	TXBHP-15103	1635	1	6527
0.33/16.2	0.33/15.1	0.34/13.7	.33/12.2	0.32/11.5	-	-	-	-	-	-	-	-	TXBHP-15104	1680	1	6707
2118	1991	1851	1691	1500	-	-	-	-	-	-	-	-	TXBHP-15151	1785	1-1/2	7127
0.37/17.1	0.37/16.3	0.38/14.9	.38/13.4	0.37/12.2	-	-	-	-	-	-	-	-	TXBHP-15152	1895	1-1/2	7568
2205	2084	1952	1804	1632	1100	-	-	-	-	-	-	-				
0.41/17.9	0.41/17.3	0.42/16.1	.42/14.6	0.41/13.3	0.36/12.7	-	-	-	-	-	-	-				
2292	2176	2050	1912	1755	1320	-	-	-	-	-	-	-				
0.45/18.7	0.45/18.4	.46/17.2	.46/15.8	0.46/14.5	0.42/13.4	-	-	-	-	-	-	-				
2378	2267	2147	2017	1871	1495	-	-	-	-	-	-	-				
0.49/19.5	0.50/19.4	0.50/18.3	.50/16.9	0.50/15.7	0.48/14.1	-	-	-	-	-	-	-				
2485	2379	2266	2144	2010	1683	1121	-	-	-	-	-	-				
0.55/20	0.55/20	0.56/19.6	.56/18.5	0.56/17.1	0.55/15.1	0.47/15.0	-	-	-	-	-	-				
2580	2479	2371	2256	2131	1835	1402	-	-	-	-	-	-				
0.60/21	0.61/21	0.62/21	0.62/19.8	0.62/18.6	0.61/16.4	0.56/15.9	-	-	-	-	-	-				
2686	2589	2486	2377	2261	1992	1632	824	-	-	-	-	-				
0.67/23	0.68/23	0.68/22	0.69/21	0.69/20	0.68/17.9	0.65/16.9	0.48/16.9	-	-	-	-	-				
2781	2687	2589	2485	2374	2124	1808	1303	-	-	-	-	-				
0.73/23	0.74/23	0.75/23	0.75/22	0.75/21	0.75/19.3	0.73/17.7	0.65/17.7	-	-	-	-	-				
2875	2784	2690	2591	2486	2252	1966	1566	-	-	-	-	-				
0.80/24	0.81/24	0.81/24	0.82/24	0.82/23	0.82/21	0.81/18.9	0.75/18.7	-	-	-	-	-				
2969	2881	2790	2695	2595	2374	2113	1772	1154	-	-	-	-				
0.87/26	0.88/26	0.89/26	0.89/25	0.90/24	0.90/22	0.89/20	0.85/19.6	0.71/19.6	-	-	-	-				
3062	2978	2890	2799	2703	2494	2251	1950	1504	-	-	-	-				
0.95/27	0.95/27	0.96/27	0.97/27	0.97/26	0.98/24	0.97/22	0.94/21	0.86/21	-	-	-	-				
3156	3074	2989	2901	2809	2610	2384	2111	1746	950	-	-	-				
1.03/29	1.03/29	1.04/29	1.05/29	1.05/28	1.06/26	1.06/24	1.04/22	0.98/21	0.74/21	-	-	-				
3372	3296	3217	3136	3052	2873	2674	2448	2176	1813	1067	-	-				
1.23/33	1.24/33	1.25/33	1.25/33	1.26/32	1.27/30	1.27/28	1.26/26	1.23/24	1.16/24	0.91/24	-	-				
3598	3527	3454	3378	3301	3137	2961	2765	2543	2278	1931	1318	-				
1.47/37	1.48/37	1.49/37	1.49/37	1.50/37	1.51/35	1.52/33	1.52/30	1.51/28	1.47/27	1.40/27	1.18/27	-				

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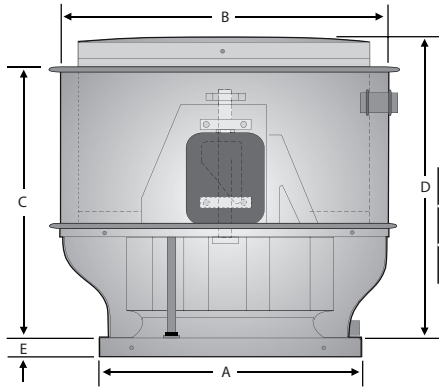




**MODEL TXB**  
BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 16**



Dimensions (in.)				
A	B	C	D	E
24	31-1/2	26	29	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
18	18	19-1/4	22-1/4	.063	.050	.050	100

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed	
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	1-3/4	Catalog Number				
2223 0.15/7.9	2016 0.16/7.5	1746 0.16/6.7	1375 0.15/5.2	-	-	-	-	-	-	-	-	-	TXB-1601	680	1/4	3202
2289 0.16/8.4	2086 0.17/7.9	1829 0.18/7.2	1490 0.17/5.7	-	-	-	-	-	-	-	-	-	TXB-1602	700	1/4	3297
2354 0.18/8.8	2156 0.19/8.3	1911 0.19/7.7	1594 0.19/6.3	1007 0.16/5.1	-	-	-	-	-	-	-	-	TXB-1603	720	1/4	3391
2485 0.21/9.8	2295 0.22/9.2	2071 0.23/8.8	1796 0.22/7.4	1410 0.21/6.2	-	-	-	-	-	-	-	-	TXB-1604	760	1/4	3580
2550 0.23/10.2	2364 0.24/9.8	2152 0.24/9.3	1897 0.24/8.1	1554 0.23/6.8	-	-	-	-	-	-	-	-	TXB-1605	780	1/4	3674
2616 0.24/10.7	2432 0.26/10.2	2235 0.26/9.8	1993 0.27/8.7	1676 0.25/7.3	1052 0.21/6.2	-	-	-	-	-	-	-	TXB-1606	800	1/4	3768
2681 0.26/11.2	2501 0.28/10.8	2317 0.28/10.3	2084 0.29/9.3	1782 0.28/8.0	1307 0.25/6.8	-	-	-	-	-	-	-	TXB-1607	820	1/3	3862
2747 0.28/11.7	2569 0.30/11.3	2397 0.30/10.9	2169 0.31/9.9	1884 0.30/8.6	1495 0.28/7.4	-	-	-	-	-	-	-	TXB-1608	840	1/3	3956
2877 0.32/12.8	2705 0.35/12.3	2553 0.35/11.9	2333 0.35/11.4	2087 0.35/9.9	1789 0.34/8.6	1208 0.28/7.5	-	-	-	-	-	-	TXB-1609	880	1/3	4145
2943 0.35/13.3	2773 0.37/12.9	2629 0.37/12.5	2413 0.38/12.1	2187 0.38/10.6	1904 0.36/9.3	1450 0.33/8.2	-	-	-	-	-	-	TXB-1610	900	1/2	4239
3057 0.39/14.3	2892 0.41/13.9	2757 0.41/13.9	2553 0.42/13.1	2353 0.42/11.9	2086 0.41/10.5	1759 0.39/9.3	1025 0.30/8.3	-	-	-	-	-	TXB-1611	935	1/2	4404
3172 0.43/15.3	3010 0.46/14.9	2881 0.47/14.6	2697 0.47/14.2	2505 0.48/13.1	2262 0.46/11.8	1997 0.45/10.5	1545 0.41/9.5	-	-	-	-	-	TXB-1612	970	1/2	4569
3270 0.48/16.2	3111 0.50/15.8	2986 0.51/15.5	2820 0.51/15.1	2628 0.52/14.4	2414 0.51/12.9	2161 0.50/11.7	1821 0.47/10.5	1105 0.37/9.5	-	-	-	-	TXB-1613	1000	1/2	4710
3335 0.51/16.8	3179 0.50/16.4	3056 0.54/16.1	2901 0.54/15.7	2709 0.55/15.2	2512 0.55/13.7	2264 0.53/12.4	1975 0.51/11.2	1448 0.45/10.1	-	-	-	-	TXB-1614	1020	1/2	4804
3433 0.55/17.7	3280 0.58/17.3	3160 0.59/17.0	3020 0.59/16.7	2830 0.60/16.3	2652 0.60/14.9	2413 0.59/13.5	2170 0.57/12.3	1780 0.53/11.2	-	-	-	-	TXB-1615	1050	3/4	4946
3531 0.60/18.6	3381 0.63/18.3	3263 0.64/18.0	3136 0.64/17.6	2949 0.65/17.3	2781 0.66/16.2	2567 0.64/14.8	2333 0.63/13.5	2034 0.60/12.4	-	-	-	-	TXB-1616	1080	3/4	5087
3629 0.65/19.6	3481 0.69/19.3	3367 0.70/19.0	3249 0.70/18.7	3073 0.70/18.4	2906 0.71/17.4	2716 0.71/17.4	2487 0.69/14.8	2243 0.67/13.5	-	-	-	-	TXB-1617	1110	3/4	5181
3728 0.71/21	3582 0.74/20	3469 0.75/19.9	3358 0.76/19.7	3197 0.76/19.4	3028 0.77/18.8	2858 0.77/17.3	2636 0.75/16.0	2417 0.74/14.8	1613 0.63/12.6	-	-	-	TXB-1618	1140	3/4	5369
3826 0.76/22	3682 0.80/21	3572 0.81/21	3465 0.82/21	3319 0.82/20	3148 0.83/20	2992 0.83/18.7	2790 0.82/17.3	2574 0.80/16.0	1953 0.73/13.8	-	-	-	TXB-1619	1170	1	5511
3907 0.81/22	3766 0.85/22	3657 0.87/22	3553 0.87/22	3419 0.87/21	3248 0.88/21	3097 0.89/19.9	2914 0.88/18.5	2700 0.86/17.1	2175 0.81/14.9	-	-	-	TXB-1620	1195	1	5628
4038 0.90/24	3900 0.94/24	3794 0.96/23	3693 0.96/23	3574 0.96/23	3410 0.97/23	3261 0.98/22	3104 0.98/20	2902 0.96/19.0	2469 0.92/16.5	1556 0.75/14.5	-	-	TXB-1621	1235	1	5817
4169 0.99/25	4034 1.03/25	3929 1.05/25	3832 1.06/24	3727 1.06/24	3576 1.07/24	3422 1.07/24	3279 1.08/22	3103 1.07/21	2704 1.03/18.2	2073 .93/16	-	-	TXB-1622	1275	1	6005
4218 1.02/26	4084 1.07/25	3980 1.09/25	3884 1.09/25	3783 1.09/24	3637 1.10/24	3482 1.11/24	3342 1.12/23	3176 1.11/21	2784 1.07/18.8	2218 .99/16.5	-	-	TXB-1623	1290	1	6076

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UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal

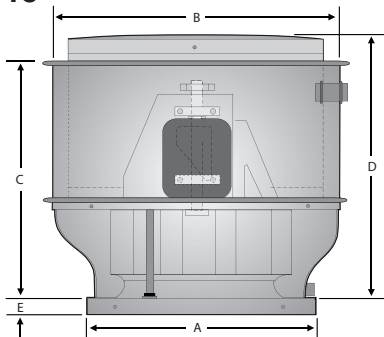




**MODEL TXB**  
**BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**SIZE 18**



Dimensions (in.)				
A	B	C	D	E
29-1/2	37-3/4	28-1/2	32	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
24	24	24-3/4	27-3/4	.080	.050	.050	120

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2					
2339	2104	1839	1497	-	-	-	-	-	-	-	-	-	TXB-18251	650	1/4	3127
0.15/7.8	0.16/6.9	0.17/6.3	0.16/5.8	-	-	-	-	-	-	-	-	-	-	-	-	-
2447	2223	1975	1674	-	-	-	-	-	-	-	-	-	TXB-18252	680	1/4	3271
0.17/8.4	0.18/7.5	0.19/7.0	0.19/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
2573	2360	2131	1861	1476	-	-	-	-	-	-	-	-	TXB-18253	715	1/4	3440
0.19/9.1	0.21/8.3	0.22/7.7	0.22/7.2	0.21/6.7	-	-	-	-	-	-	-	-	-	-	-	-
2681	2476	2261	2011	1693	-	-	-	-	-	-	-	-	TXB-18254	745	1/4	3584
0.22/9.8	0.23/8.9	0.24/8.3	0.25/7.8	0.25/7.4	-	-	-	-	-	-	-	-	-	-	-	-
2753	2553	2346	2107	1817	-	-	-	-	-	-	-	-	TXB-18331	765	1/3	3680
0.24/10.2	0.25/9.4	0.26/8.8	0.27/8.3	0.27/7.8	-	-	-	-	-	-	-	-	-	-	-	-
2825	2630	2430	2201	1932	-	-	-	-	-	-	-	-	TXB-18332	785	1/3	3776
0.26/10.6	0.27/9.8	0.28/9.2	0.29/8.7	0.29/8.3	-	-	-	-	-	-	-	-	-	-	-	-
2879	2688	2493	2271	2014	1655	-	-	-	-	-	-	-	TXB-18333	800	1/3	3848
0.27/11.0	0.29/10.1	0.30/9.5	0.31/9.0	0.31/8.6	0.30/8.1	-	-	-	-	-	-	-	-	-	-	-
2950	2764	2576	2362	2120	1807	-	-	-	-	-	-	-	TXB-18334	820	1/3	3945
0.29/11.4	0.31/10.5	0.32/9.9	0.33/9.4	0.33/9.0	0.33/8.6	-	-	-	-	-	-	-	-	-	-	-
3058	2879	2698	2496	2271	2000	-	-	-	-	-	-	-	TXB-18501	850	1/2	4089
0.33/12.1	0.34/11.2	0.35/10.5	0.37/10.1	0.37/9.6	0.37/9.2	-	-	-	-	-	-	-	-	-	-	-
3166	2992	2819	2628	2417	2173	1844	-	-	-	-	-	-	TXB-18502	880	1/2	4233
0.36/12.8	0.38/11.8	0.39/11.1	0.41/10.7	0.41/10.3	0.41/9.8	0.40/9.4	-	-	-	-	-	-	-	-	-	-
3274	3106	2939	2758	2558	2334	2058	-	-	-	-	-	-	TXB-18503	910	1/2	4378
0.40/13.5	0.42/12.6	0.43/11.8	0.45/11.3	0.45/10.9	0.45/10.5	0.45/10.1	-	-	-	-	-	-	-	-	-	-
3382	3219	3058	2886	2696	2488	2243	-	-	-	-	-	-	TXB-18504	940	1/2	4522
0.44/14.1	0.46/13.3	0.47/12.5	0.49/10.0	0.50/11.6	0.50/11.2	0.50/10.8	-	-	-	-	-	-	-	-	-	-
3472	3313	3156	2991	2809	2611	2386	-	-	-	-	-	-	TXB-18751	965	3/4	4642
0.48/14.8	0.49/13.9	0.51/13.2	0.53/12.6	0.54/12.2	0.54/11.7	0.54/11.3	-	-	-	-	-	-	-	-	-	-
3580	3426	3274	3116	2942	2755	2548	-	-	-	-	-	-	TXB-18752	995	3/4	4786
0.52/15.5	0.54/14.6	0.56/13.9	0.57/13.3	0.59/12.9	0.59/12.5	0.59/12.1	-	-	-	-	-	-	-	-	-	-
3670	3519	3371	3219	3052	2872	2675	2160	-	-	-	-	-	TXB-18753	1020	3/4	4907
0.56/16.1	0.58/15.3	0.60/14.5	0.61/13.9	0.63/13.5	0.64/13.1	0.64/12.7	0.63/11.9	-	-	-	-	-	-	-	-	-
3778	3631	3488	3341	3181	3010	2826	2372	-	-	-	-	-	TXB-18754	1050	3/4	5051
0.61/16.9	0.63/16.1	0.65/15.3	0.67/14.6	0.68/14.2	0.70/13.8	0.70/13.4	0.69/12.7	-	-	-	-	-	-	-	-	-
3868	3725	3584	3442	3288	3123	2950	2786	-	-	-	-	-	TXB-18755	1075	3/4	5171
0.66/17.5	0.68/16.7	0.70/16.0	0.71/15.3	0.73/14.8	0.74/14.4	0.85/14.0	0.85/13.3	-	-	-	-	-	-	-	-	-
4030	3892	3757	3621	3478	3323	3158	2786	2240	-	-	-	-	TXB-18101	1120	1	5388
0.74/18.7	0.77/17.9	0.79/17.2	0.80/16.5	0.82/16.0	0.84/15.6	0.85/15.2	0.85/14.4	0.82/13.7	-	-	-	-	-	-	-	-
4174	4041	3910	3780	3644	3497	3341	2999	2558	-	-	-	-	TXB-18102	1160	1	5580
0.83/19.7	0.85/19.0	0.87/18.3	0.89/17.6	0.91/17.1	0.92/16.7	0.94/16.3	0.94/15.7	0.93/14.8	-	-	-	-	-	-	-	-
4318	4189	4063	3937	3808	3668	3521	3201	2816	-	-	-	-	TXB-18103	1200	1	5773
0.92/21	0.94/20	0.96/19.4	0.98/18.8	1.00/18.2	1.02/17.8	1.03/17.4	1.04/16.6	1.04/15.9	-	-	-	-	-	-	-	-
4498	4374	4253	4132	4009	3879	3741	3444	3103	2651	-	-	-	TXB-18151	1250	1-1/2	6013
1.03/22	1.06/22	1.08/21	1.10/20	1.12/19.6	1.14/19.2	1.16/18.8	1.18/18.1	1.18/17.4	1.16/16.7	-	-	-	-	-	-	-
4678	4558	4442	4326	4208	4087	3957	3678	3369	2995	-	-	-	TXB-18152	1300	1-1/2	6254
1.16/24	1.19/23	1.21/22	1.23/22	1.25/21	1.27/21	1.30/20	1.32/19.5	1.33/18.8	1.32/18.2	-	-	-	-	-	-	-
4857	4742	4630	4518	4406	4291	4169	3906	3621	3292	2862	-	-	TXB-18153	1350	1-1/2	6494
1.30/25	1.33/24	1.35/24	1.38/23	1.40/23	1.42/22	1.44/22	1.48/21	1.49/20	1.48/19.6	1.46/19	-	-	-	-	-	-
5037	4926	4818	4710	4602	4492	4377	4129	3862	3566	3208	2665	-	TXB-18201	1400	2	6735
1.45/27	1.48/26	1.51/25	1.53/25	1.55/24	1.58/24	1.60/23	1.64/23	1.66/22	1.65/21	1.65/21	1.57/20	-	-	-	-	-
5217	5110	5005	4901	4797	4692	4583	4348	4096	3823	3509	3112	-	TXB-18202	1450	2	6975
1.62/28	1.64/27	1.67/27	1.70/26	1.72/26	1.74/25	1.76/25	1.81/24	1.84/23	1.84/23	1.84/22	1.81/22	-	-	-	-	-
5397	5293	5192	5091	4991	4889	4786	4564	4325	4069	3786	3451	-	TXB-18203	1500	2	7216
1.79/30	1.82/29	1.85/28	1.87/28	1.90/27	1.92/27	1.94/26	1.99/26	2.03/25	2.04/24	2.04/24	2.03/23	-	-	-	-	-

Power Ratings (BHP) does not include drive losses.  
 Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings do not 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.

AMCA CERTIFIED RATINGS

SOUND and AIR PERFORMANCE

AMCA INTERNATIONAL, INC.

S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models TXB 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.

**UL** **US**

**UL STANDARD 705 for Electrical**  
**UL STANDARD 762 for Grease Removal**

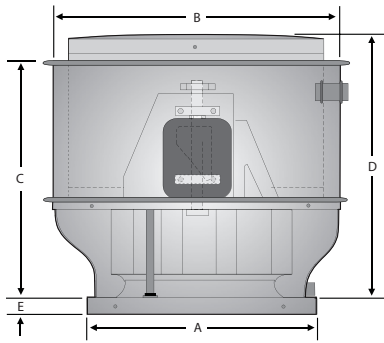


# MODEL TXB

## BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



### SIZE 18 - HIGH PRESSURE



Dimensions (in.)				
A	B	C	D	E
29-1/2	37-3/4	28-1/2	32	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
24	24	24-3/4	27-3/4	.080	.050	.050	120

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed	
5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	2-3/4	3	3-1/4	Catalog Number				
1326	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18254	805	1/3	3872
0.24/13.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1479	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18331	825	1/3	3969
0.26/13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1611	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18332	845	1/3	4065
0.29/14.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1731	1293	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18333	865	1/3	4161
0.31/14.5	0.28/14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1842	1480	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18334	885	1/3	4257
0.33/15.0	0.32/14.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	1729	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18501	920	1/2	4426
0.37/15.9	0.37/15.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2164	1910	-	-	-	-	-	-	-	-	-	-	-	TXBHP-18502	950	1/2	4570
0.41/16.7	0.41/16.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2323	2099	1244	-	-	-	-	-	-	-	-	-	-	TXBHP-18503	985	1/2	4738
0.45/17.8	0.46/17.7	0.38/17.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2456	2249	1651	-	-	-	-	-	-	-	-	-	-	TXBHP-18504	1015	1/2	4883
0.50/19.4	0.50/19.2	0.47/18.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2584	2391	1881	-	-	-	-	-	-	-	-	-	-	TXBHP-18751	1045	3/4	5027
0.54/21	0.55/21	0.53/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2707	2527	2076	-	-	-	-	-	-	-	-	-	-	TXBHP-18752	1075	3/4	5171
0.58/23	0.59/23	0.59/22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2808	2639	2223	-	-	-	-	-	-	-	-	-	-	TXBHP-18753	1100	3/4	5292
0.62/24	0.63/24	0.64/24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2925	2768	2386	1802	-	-	-	-	-	-	-	-	-	TXBHP-18754	1130	3/4	5436
0.67/28	0.68/26	0.69/26	0.65/26	-	-	-	-	-	-	-	-	-	-	-	-	-
3040	2894	2538	2044	-	-	-	-	-	-	-	-	-	TXBHP-18755	1160	3/4	5580
0.72/29	0.73/29	0.75/30	0.72/28	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	3076	2753	2340	-	-	-	-	-	-	-	-	-	TXBHP-18101	1205	1	5797
0.80/33	0.82/35	0.84/32	0.83/32	-	-	-	-	-	-	-	-	-	-	-	-	-
3388	3270	2980	2623	2120	-	-	-	-	-	-	-	-	TXBHP-18102	1255	1	6037
0.90/40	0.92/40	0.94/37	0.95/39	0.90/39	-	-	-	-	-	-	-	-	-	-	-	-
3548	3439	3176	2852	2439	-	-	-	-	-	-	-	-	TXBHP-18103	1300	1	6254
1.00/42	1.01/41	1.04/41	1.05/41	1.03/40	-	-	-	-	-	-	-	-	-	-	-	-
3742	3639	3405	3114	2766	2285	-	-	-	-	-	-	-	TXBHP-18151	1355	1-1/2	6518
1.12/44	1.14/44	1.17/44	1.19/43	1.19/43	1.14/43	-	-	-	-	-	-	-	-	-	-	-
3935	3837	3625	3362	3055	2671	2083	-	-	-	-	-	-	TXBHP-18152	1410	1-1/2	6783
1.25/44	1.27/47	1.31/46	1.33/46	1.35/45	1.32/45	1.22/45	-	-	-	-	-	-	-	-	-	-
4126	4032	3837	3600	3321	2995	2568	-	-	-	-	-	-	TXBHP-18153	1465	1-1/2	7047
1.39/49	1.42/49	1.46/49	1.49/48	1.51/48	1.51/48	1.45/48	-	-	-	-	-	-	-	-	-	-
4315	4224	4040	3828	3573	3284	2934	2453	-	-	-	-	-	TXBHP-18201	1520	2	7312
1.55/52	1.57/52	1.61/51	1.65/51	1.67/51	1.69/51	1.66/51	1.58/51	-	-	-	-	-	-	-	-	-
4503	4416	4240	4047	3816	3553	3250	2873	-	-	-	-	-	TXBHP-18202	1575	2	7576
1.71/55	1.74/54	1.78/54	1.82/54	1.85/54	1.87/53	1.87/53	1.83/53	-	-	-	-	-	-	-	-	-
4690	4606	4437	4259	4049	3806	3537	3219	2813	-	-	-	-	TXBHP-18203	1630	2	7841
1.88/57	1.91/57	1.97/56	2.01/56	2.04/56	2.06/56	2.08/56	2.06/56	1.99/56	-	-	-	-	-	-	-	-
5061	4983	4825	4665	4490	4287	4057	3807	3518	3168	2690	-	-	TXBHP-183001	1740	3	8370
2.27/62	2.30/62	2.36/62	2.41/62	2.45/62	2.49/62	2.51/61	2.53/61	2.52/61	2.46/61	2.34/61	-	-	-	-	-	-
5428	5356	5208	5059	4906	4735	4540	4323	4090	3829	3522	3141	-	TXBHP-183002	1850	3	8899
2.70/68	2.74/68	2.81/68	2.86/68	2.92/68	2.96/68	2.99/68	3.02/68	3.04/68	3.03/68	2.99/68	2.90/68	-	-	-	-	-

Power Ratings (BHP) does not include drive losses.  
 Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings do not 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.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models TXB 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.



UL STANDARD 705 for Electrical  
 UL STANDARD 762 for Grease Removal

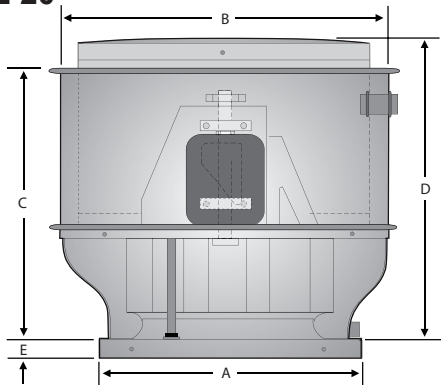




**MODEL TXB**  
BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 20**



Dimensions (in.)				
A	B	C	D	E
29-1/2	37-3/4	28-1/2	32	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
24	24	24-3/4	27-3/4	.063	.050	.050	120

CFM / BHP @ Static Pressure / Sones											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			
2813	2452	1962	-	-	-	-	-	-	-	TXB-20251	525	1/4	2935
0.15/7.6	0.16/6.7	0.17/6.4	-	-	-	-	-	-	-				
3322	3023	2684	2182	1366	-	-	-	-	-	TXB-20252	620	1/4	3466
0.24/10.3	0.26/9.4	0.27/8.9	0.27/8.7	0.22/8.6	-	-	-	-	-				
3429	3140	2818	2376	1660	-	-	-	-	-	TXB-20331	640	1/3	3578
0.26/10.7	0.28/9.8	0.30/9.3	0.30/9.1	0.26/9.0	-	-	-	-	-				
3617	3345	3045	2676	2087	1191	-	-	-	-	TXB-20332	675	1/3	3773
0.31/11.4	0.33/10.6	0.35/10.0	0.36/9.8	0.33/9.7	0.26/9.5	-	-	-	-				
3777	3518	3235	2906	2407	1708	-	-	-	-	TXB-20501	705	1/2	3941
0.35/11.9	0.38/11.2	0.39/10.6	0.41/10.4	0.39/10.2	0.34/10.0	-	-	-	-				
3965	3719	3452	3155	2753	2165	1318	-	-	-	TXB-20502	740	1/2	4137
0.41/12.8	0.43/12	0.45/11.4	0.47/11.2	0.46/11.0	0.43/10.8	0.35/10.6	-	-	-				
4152	3919	3666	3392	3054	2554	1910	-	-	-	TXB-20503	775	1/2	4332
0.47/13.7	0.49/13.2	0.52/12.5	0.53/12.2	0.54/12.0	0.51/11.8	0.46/11.6	-	-	-				
4286	4060	3817	3557	3250	2813	2242	1439	-	-	TXB-20751	800	3/4	4472
0.52/14.4	0.54/13.8	0.56/13.4	0.58/13.0	0.59/12.7	0.58/12.6	0.53/12.4	0.44/12.1	-	-				
4420	4202	3967	3718	3436	3056	2537	1883	-	-	TXB-20752	825	3/4	4612
0.57/15.2	0.59/14.6	0.62/14.0	0.64/13.7	0.65/13.6	0.64/13.3	0.60/13.1	0.54/12.9	-	-				
4554	4343	4116	3877	3612	3278	2809	2241	1423	-	TXB-20753	850	3/4	4752
0.62/16.0	0.65/15.4	0.67/14.8	0.69/14.4	0.71/14.2	0.71/14.2	0.68/14	0.62/13.8	0.51/13.6	-				
4688	4483	4264	4034	3784	3482	3067	2554	1902	-	TXB-20754	875	3/4	4891
0.68/16.9	0.70/16.3	0.73/15.7	0.75/15.2	0.77/15.0	0.77/14.8	0.75/14.6	0.71/14.3	0.63/14.1	-				
4849	4651	4441	4220	3984	3713	3359	2894	2346	-	TXB-20101	905	1	5059
0.75/17.8	0.78/17.3	0.80/16.7	0.83/16.2	0.85/16.0	0.86/15.6	0.85/15.6	0.81/15.3	0.75/15.1	-				
5037	4846	4645	4434	4212	3967	3665	3261	2785	-	TXB-20102	940	1	5255
0.84/18.9	0.87/18.4	0.90/17.9	0.92/17.4	0.94/17.1	0.96/16.9	0.96/16.8	0.93/16.4	0.88/16.1	-				
5224	5041	4848	4646	4436	4208	3944	3605	3175	2072	TXB-20103	975	1	5450
0.93/20	0.96/19.6	1.00/19.1	1.02/18.5	1.05/18.2	1.07/18	1.07/17.9	1.06/17.7	1.02/17.5	0.86/17.1				
5412	5235	5050	4856	4656	4442	4205	3915	3538	2598	TXB-20151	1010	1-1/2	5646
1.04/22	1.07/21	1.10/21	1.13/19.8	1.16/19.3	1.18/19.2	1.19/19.0	1.19/18.9	1.16/18.8	1.03/18.5				
5599	5429	5251	5065	4873	4671	4452	4197	3879	3043	TXB-20152	1045	1-1/2	5842
1.15/23	1.18/22	1.22/22	1.25/21	1.27/21	1.30/20	1.32/20	1.32/20	1.30/20	1.20/19.3				
5787	5622	5451	5272	5087	4895	4690	4462	4187	3441	TXB-20153	1080	1-1/2	6037
1.27/24	1.30/24	1.34/23	1.37/23	1.40/22	1.42/22	1.45/22	1.46/21	1.45/21	1.37/21				
5974	5815	5649	5477	5300	5116	4923	4713	4470	3808	TXB-20154	1115	1-1/2	6233
1.40/26	1.43/25	1.47/24	1.50/24	1.53/23	1.56/23	1.58/23	1.60/23	1.60/23	1.55/22				
6162	6008	5848	5682	5510	5335	5151	4954	4736	4163	TXB-20201	1150	2	6429
1.53/27	1.57/26	1.60/26	1.64/25	1.67/25	1.70/24	1.73/24	1.75/24	1.76/24	1.72/23				
6296	6145	5989	5827	5660	5489	5311	5123	4918	4398	TXB-20202	1175	2	6568
1.64/28	1.67/28	1.71/27	1.75/26	1.78/26	1.81/25	1.83/25	1.86/25	1.88/25	1.85/25				
6430	6282	6130	5972	5809	5642	5470	5289	5094	4618	TXB-20203	1200	2	6708
1.74/29	1.78/29	1.82/28	1.85/27	1.89/27	1.92/26	1.95/26	1.97/26	2.00/26	1.99/26				
6564	6419	6270	6116	5957	5795	5627	5452	5267	4825	TXB-20204	1225	2	6848
1.85/30	1.89/30	1.93/29	1.97/28	2.00/28	2.04/27	2.07/27	2.09/27	2.12/27	2.12/26				

Power Ratings (BHP) does not include drive losses.  
 Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings do not 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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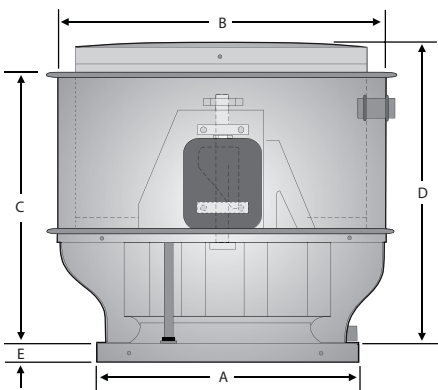




# MODEL TXB BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



## SIZE 20 - HIGH PRESSURE



Dimensions (in.)				
A	B	C	D	E
29-1/2	37-3/4	28-1/2	32	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
24	24	24-3/4	27-3/4	.080	.050	.050	120

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed	
3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	Catalog Number				
2313	1909	1373	-	-	-	-	-	-	-	-	-	-	TXBHP-20501	700	1/2	3940
0.30/9.4	0.29/8.3	0.26/7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2612	2286	1858	1316	-	-	-	-	-	-	-	-	-	TXBHP-20502	750	1/2	4222
0.36/10.4	0.36/9.6	0.35/8.7	0.31/8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
2890	2619	2272	1837	1301	-	-	-	-	-	-	-	-	TXBHP-20503	800	1/2	4503
0.44/11.5	0.44/10.7	0.44/10.0	0.41/9.3	0.37/8.7	-	-	-	-	-	-	-	-	-	-	-	-
3156	2923	2635	2279	1848	1324	-	-	-	-	-	-	-	TXBHP-20504	850	1/2	4784
0.52/12.7	0.53/11.9	0.53/11.2	0.52/10.5	0.49/9.9	0.44/9.4	-	-	-	-	-	-	-	-	-	-	-
3284	3067	2803	2478	2086	1622	-	-	-	-	-	-	-	TXBHP-20751	875	3/4	4925
0.57/13.4	0.58/12.7	0.58/12.0	0.57/11.4	0.55/10.7	0.51/10.2	-	-	-	-	-	-	-	-	-	-	-
3437	3235	2994	2703	2352	1938	-	-	-	-	-	-	-	TXBHP-20752	905	3/4	5094
0.63/14.6	0.64/13.8	0.64/13.1	0.64/12.4	0.62/11.8	0.59/11.2	-	-	-	-	-	-	-	-	-	-	-
3586	3398	3177	2913	2598	2227	1268	-	-	-	-	-	-	TXBHP-20753	935	3/4	5263
0.69/15.8	0.70/15.0	0.71/14.3	0.71/13.6	0.69/12.9	0.67/12.3	0.55/11.4	-	-	-	-	-	-	-	-	-	-
3734	3558	3353	3112	2828	2493	1661	-	-	-	-	-	-	TXBHP-20754	965	3/4	5432
0.75/16.9	0.77/16.2	0.78/15.5	0.78/14.8	0.77/14.1	0.75/13.5	0.66/12.3	-	-	-	-	-	-	-	-	-	-
4000	3842	3662	3455	3215	2936	2248	1324	-	-	-	-	-	TXBHP-20101	1020	1	5741
0.88/19.2	0.90/18.6	0.91/17.8	0.92/17.1	0.92/16.4	0.91/15.7	0.85/14.4	0.71/13.6	-	-	-	-	-	-	-	-	-
4238	4093	3931	3747	3538	3298	2710	1968	-	-	-	-	-	TXBHP-20102	1070	1	6023
1.01/21	1.03/21	1.05/20	1.06/19.4	1.06/18.7	1.06/18.0	1.02/16.5	0.93/15.3	-	-	-	-	-	-	-	-	-
4427	4290	4139	3971	3781	3566	3045	2390	1555	-	-	-	-	TXBHP-20151	1110	1-1/2	6248
1.13/23	1.15/23	1.17/22	1.18/21	1.18/21	1.18/20	1.16/18.5	1.09/17.1	0.94/16.2	-	-	-	-	-	-	-	-
4614	4485	4344	4188	4014	3820	3354	2772	2061	-	-	-	-	TXBHP-20152	1150	1-1/2	6473
1.25/25	1.27/25	1.29/24	1.30/24	1.31/23	1.32/22	1.30/20	1.25/19.0	1.14/17.6	-	-	-	-	-	-	-	-
4799	4677	4545	4400	4240	4062	3643	3122	2492	1710	-	-	-	TXBHP-20153	1190	1-1/2	6698
1.38/28	1.40/27	1.42/27	1.44/26	1.45/25	1.46/24	1.45/23	1.41/21	1.33/19.6	1.17/18.6	-	-	-	-	-	-	-
4960	4844	4718	4581	4431	4266	3881	3408	2835	2153	1120	-	-	TXBHP-20154	1225	1-1/2	6895
1.50/30	1.52/29	1.55/29	1.56/28	1.58/27	1.59/27	1.59/25	1.56/23	1.49/21	1.37/20	1.05/19.8	-	-	-	-	-	-
5167	5057	4938	4810	4672	4520	4172	3750	3241	2642	1920	-	-	TXBHP-20201	1270	2	7148
1.66/32	1.69/31	1.71/31	1.74/31	1.75/30	1.77/29	1.77/27	1.76/26	1.70/24	1.61/22	1.77/21	-	-	-	-	-	-
5349	5244	5131	5011	4880	4739	4419	4035	3576	3034	2405	1596	-	TXBHP-20202	1310	2	7374
1.82/33	1.85/33	1.87/32	1.90/32	1.92/31	1.93/30	1.95/29	1.94/27	1.90/26	1.82/24	1.70/22	1.46/22	-	-	-	-	-
5531	5430	5323	5208	5086	4954	4656	4305	3888	3398	2832	2170	-	TXBHP-20203	1350	2	7599
1.98/34	2.01/34	2.04/34	2.07/34	2.09/33	2.11/32	2.13/31	2.13/29	2.10/27	2.04/26	1.94/24	1.44/23	-	-	-	-	-
5712	5615	5512	5404	5287	5163	4886	4563	4183	3737	3223	2637	-	TXBHP-20301	1390	3	7824
2.16/35	2.19/35	2.22/35	2.25/35	2.27/34	2.29/33	2.32/32	2.33/30	2.31/29	2.26/27	2.18/26	2.05/24	-	-	-	-	-
5869	5776	5677	5573	5462	5344	5082	4780	4428	4017	3543	3005	-	TXBHP-20302	1425	3	8021
2.32/36	2.35/36	2.38/36	2.41/35	2.44/35	2.46/34	2.49/33	2.51/31	2.50/30	2.46/28	2.39/27	2.28/26	-	-	-	-	-
6027	5936	5841	5741	5635	5522	5274	4990	4662	4283	3845	3349	-	TXBHP-20303	1460	3	8218
2.49/37	2.52/37	2.56/36	2.59/36	2.61/36	2.64/35	2.68/34	2.69/33	2.69/31	2.66/30	2.61/28	2.51/27	-	-	-	-	-
6184	6096	6004	5908	5806	5698	5462	5195	4888	4536	4131	3672	-	TXBHP-20304	1495	3	8415
2.67/38	2.70/38	2.74/37	2.77/37	2.80/37	2.82/36	2.86/35	2.89/34	2.89/32	2.88/32	2.83/30	2.75/29	-	-	-	-	-
6340	6255	6167	6073	5975	5872	5647	5394	5107	4779	4403	3977	-	TXBHP-20305	1530	3	8612
2.85/38	2.89/38	2.92/38	2.96/38	2.99/38	3.02/37	3.06/36	3.09/35	3.10/34	3.09/32	3.06/31	2.99/30	-	-	-	-	-

Power Ratings (BHP) does not include drive losses.  
 Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings do not 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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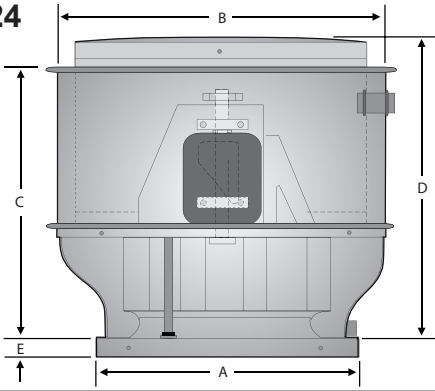




# MODEL TXB BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 24**



Dimensions (in.)				
A	B	C	D	E
35-1/2	47-1/4	31-1/2	42	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
30	30	30-3/4	33-3/4	.10	.050	.050	245

CFM / BHP @ Static Pressure / Sones														RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	Catalog Number				
3681	3200	2377	-	-	-	-	-	-	-	-	-	TXB-24251	400	1/4	2566	
0.15/7.3	0.17/6.0	0.17/4.6	-	-	-	-	-	-	-	-	-					
4141	3728	3170	-	-	-	-	-	-	-	-	-	TXB-24252	450	1/4	2886	
0.22/9.1	0.24/7.8	0.25/6.4	-	-	-	-	-	-	-	-	-					
4371	3985	3490	2537	-	-	-	-	-	-	-	-	TXB-24331	475	1/3	3047	
0.26/9.8	0.29/8.5	0.29/7.3	0.27/6.0	-	-	-	-	-	-	-	-					
4555	4188	3731	3018	-	-	-	-	-	-	-	-	TXB-24332	495	1/3	3175	
0.29/10.3	0.32/9.2	0.33/8.0	0.33/6.8	-	-	-	-	-	-	-	-					
4601	4238	3789	3114	-	-	-	-	-	-	-	-	TXB-24501	500	1/2	3207	
0.30/10.4	0.33/9.3	0.34/8.2	0.34/6.9	-	-	-	-	-	-	-	-					
4831	4488	4077	3516	2235	-	-	-	-	-	-	-	TXB-24502	525	1/2	3367	
0.35/11.1	0.38/10.0	0.40/9.0	0.40/7.8	0.34/6.8	-	-	-	-	-	-	-					
5015	4687	4300	3800	2825	-	-	-	-	-	-	-	TXB-24503	545	1/2	3496	
0.39/11.6	0.42/10.6	0.44/9.7	0.44/8.5	0.41/7.6	-	-	-	-	-	-	-					
5199	4884	4519	4063	3346	-	-	-	-	-	-	-	TXB-24504	565	1/2	3624	
0.44/12.2	0.47/11.2	0.49/10.3	0.50/9.2	0.48/8.3	-	-	-	-	-	-	-					
5291	4982	4626	4190	3552	1261	-	-	-	-	-	-	TXB-24751	575	3/4	3688	
0.46/12.6	0.49/11.5	0.52/10.6	0.52/9.5	0.52/8.6	0.28/7.8	-	-	-	-	-	-					
5705	5421	5103	4730	4259	3462	-	-	-	-	-	-	TXB-24752	620	3/4	3977	
0.58/14.3	0.61/13.3	0.64/12.4	0.65/11.4	0.66/10.4	0.62/9.5	-	-	-	-	-	-					
5935	5663	5362	5016	4596	4012	2813	-	-	-	-	-	TXB-24753	645	3/4	4137	
0.65/15.4	0.69/14.3	0.72/13.4	0.73/12.6	0.74/11.4	0.73/10.5	0.63/9.6	-	-	-	-	-					
5981	5712	5413	5072	4661	4099	2979	-	-	-	-	-	TXB-24754	650	3/4	4169	
0.66/15.6	0.70/14.5	0.73/13.6	0.75/12.8	0.75/11.6	0.75/10.7	0.66/9.8	-	-	-	-	-					
6212	5953	5669	5349	4975	4498	3680	-	-	-	-	-	TXB-24101	675	1	4329	
0.74/16.6	0.79/15.6	0.82/14.7	0.84/13.7	0.84/12.8	0.84/11.8	0.79/10.8	-	-	-	-	-					
6396	6145	5871	5567	5216	4787	4163	-	-	-	-	-	TXB-24102	695	1	4458	
0.81/17.4	0.86/16.5	0.89/15.6	0.91/14.7	0.92/13.6	0.92/12.6	0.90/11.7	-	-	-	-	-					
6580	6336	6073	5782	5451	5058	4541	-	-	-	-	-	TXB-24103	715	1	4586	
0.88/18.4	0.93/17.3	0.97/16.4	0.99/15.6	1.00/14.6	1.00/13.5	1.00/12.6	-	-	-	-	-					
6626	6384	6123	5835	5509	5124	4623	-	-	-	-	-	TXB-24104	720	1	4618	
0.90/18.6	0.95/17.6	0.98/16.6	1.01/15.8	1.02/14.8	1.03/13.7	1.02/12.8	-	-	-	-	-					
6856	6623	6373	6099	5794	5442	5011	3256	-	-	-	-	TXB-24151	745	1-1/2	4778	
1.00/19.8	1.05/18.8	1.09/17.8	1.11/16.9	1.13/16.0	1.13/14.9	1.14/13.9	0.97/12.2	-	-	-	-					
7178	6956	6720	6464	6183	5867	5498	4265	-	-	-	-	TXB-24152	780	1-1/2	5003	
1.15/21	1.120/20	1.24/19.5	1.27/18.6	1.29/17.7	1.30/16.7	1.30/15.6	1.22/13.8	-	-	-	-					
7362	7146	6917	6670	6401	6102	5759	4754	-	-	-	-	TXB-24153	800	1-1/2	5131	
1.24/23	1.29/21	1.33/21	1.37/19.6	1.39/18.7	1.40/17.7	1.41/16.6	1.37/14.7	-	-	-	-					
7546	7336	7113	6874	6616	6332	6010	5146	2245	-	-	-	TXB-24154	820	1-1/2	5259	
1.33/24	1.39/23	1.43/22	1.47/21	1.49/19.7	1.15/18.7	1.51/17.6	1.50/15.7	0.93/14.0	-	-	-					
7730	7525	7309	7078	6829	6557	6254	5477	3873	-	-	-	TXB-24201	840	2	5388	
1.43/25	1.49/24	1.54/23	1.57/22	1.60/21	1.62/19.8	1.63/18.7	1.62/16.7	1.43/15.0	-	-	-					
7960	7761	7552	7330	7092	6835	6552	5854	4566	-	-	-	TXB-24202	865	2	5548	
1.56/26	1.62/25	1.67/24	1.71/23	1.74/22	1.76/21	1.77/20	1.78/18	1.63/16.2	-	-	-					
8098	7903	7698	7481	7249	6999	6726	6067	4977	-	-	-	TXB-24203	880	2	5644	
1.65/27	1.71/26	1.76/25	1.80/24	1.83/23	1.85/22	1.87/21	1.87/18.8	1.78/17.0	-	-	-					
8282	8091	7892	7681	7457	7216	6956	6339	5433	-	-	-	TXB-24204	900	2	5773	
1.76/28	1.82/27	1.87/26	1.92/24	1.95/23	1.98/23	1.99/22	2.00/19.8	1.96/18.0	-	-	-					
8742	8562	8374	8178	7970	7750	7514	6979	6292	5073	-	-	TXB-24301	950	3	6093	
2.07/30	2.14/29	2.19/28	2.24/27	2.28/26	2.31/25	2.33/24	2.35/22	2.35/20	2.18/18.8	-	-					
9432	9266	9093	8914	8727	8531	8324	7869	7334	6649	5447	-	TXB-24302	1025	3	6574	
2.60/32	2.67/32	2.74/31	2.79/30	2.84/29	2.88/28	2.91/28	2.95/26	2.96/24	2.95/23	2.73/21	-					

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 Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings do not 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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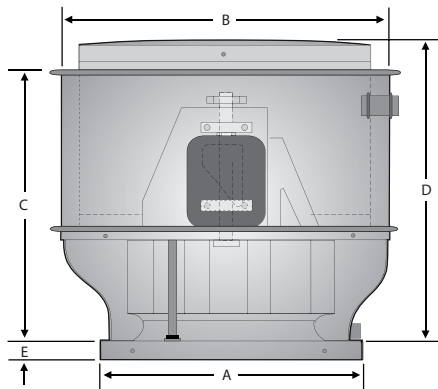
UL STANDARD 705 for Electrical  
 UL STANDARD 762 for Grease Removal



**MODEL TXB**  
**BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**SIZE 24 - HIGH PRESSURE**



Dimensions (in.)				
A	B	C	D	E
35-1/2	47-1/4	31-1/2	42	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
30	30	30-3/4	33-3/4	.10	.050	.050	245

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	2-3/4	3					
2597 0.38/7.7	1496 0.31/7.5	-	-	-	-	-	-	-	-	-	-	-	TXBHP-24501	580	1/2	3720
3129 0.47/9.0	2441 0.45/8.4	-	-	-	-	-	-	-	-	-	-	-	TXBHP-24503	620	1/2	3977
3364 0.52/9.7	2775 0.5/9.0	1785 0.44/8.9	-	-	-	-	-	-	-	-	-	-	TXBHP-24504	640	1/2	4105
3639 0.58/10.7	3137 0.57/10.0	2399 0.54/9.6	-	-	-	-	-	-	-	-	-	-	TXBHP-24751	665	3/4	4265
3848 0.63/11.5	3397 0.63/10.7	2777 0.61/10.1	-	-	-	-	-	-	-	-	-	-	TXBHP-24752	685	3/4	4394
4294 0.76/13.3	3922 0.77/12.6	3457 0.76/12.0	1766 0.61/11.5	-	-	-	-	-	-	-	-	-	TXBHP-24754	730	3/4	4682
4483 0.82/14.0	4138 0.83/13.5	3717 0.83/12.8	2362 0.73/12.1	-	-	-	-	-	-	-	-	-	TXBHP-24101	750	1	4810
4668 0.88/14.8	4345 0.9/14.3	3959 0.9/13.6	2814 0.84/12.7	-	-	-	-	-	-	-	-	-	TXBHP-24102	770	1	4939
4850 0.95/15.7	4546 0.96/15.2	4189 0.97/14.5	3190 0.93/13.3	439 0.43/13.3	-	-	-	-	-	-	-	-	TXBHP-24103	790	1	5067
5028 1.02/16.5	4741 1.04/16.0	4409 1.05/15.5	3518 1.02/14.1	1738 0.79/13.9	-	-	-	-	-	-	-	-	TXBHP-24104	810	1	5195
5291 1.13/17.7	5026 1.15/17.3	4724 1.16/16.9	3952 1.16/15.5	2678 1.04/15.0	-	-	-	-	-	-	-	-	TXBHP-24151	840	1-1/2	5388
5550 1.25/19.0	5302 1.27/18.5	5025 1.29/18.1	4341 1.29/16.9	3325 1.22/16.0	948 0.73/16.0	-	-	-	-	-	-	-	TXBHP-24152	870	1-1/2	5580
5762 1.35/20	5527 1.38/19.6	5267 1.4/19.2	4641 1.41/18.1	3764 1.37/16.9	2197 1.13/16.8	-	-	-	-	-	-	-	TXBHP-24153	895	1-1/2	5740
6013 1.49/22	5793 1.51/21	5550 1.53/21	4979 1.56/19.6	4221 1.54/18.4	3051 1.4/17.9	-	-	-	-	-	-	-	TXBHP-24154	925	1-1/2	5933
6221 1.6/23	6010 1.63/22	5780 1.66/22	5248 1.68/21	4564 1.68/19.6	3585 1.59/18.8	1671 1.17/18.8	-	-	-	-	-	-	TXBHP-24201	950	2	6093
6426 1.73/24	6224 1.76/23	6006 1.78/23	5506 1.82/22	4882 1.82/21	4034 1.76/19.7	2646 1.52/19.7	-	-	-	-	-	-	TXBHP-24202	975	2	6254
6589 1.83/25	6394 1.86/24	6184 1.89/24	5708 1.93/23	5122 1.94/22	4354 1.9/21	3196 1.73/20	-	-	-	-	-	-	TXBHP-24203	995	2	6382
6792 1.97/26	6605 2/25	6404 2.03/25	5953 2.07/24	5410 2.09/23	4719 2.06/22	3751 1.95/21	2000 1.52/21	-	-	-	-	-	TXBHP-24204	1020	2	6542
7353 2.38/28	7184 2.41/28	7005 2.45/28	6611 2.5/27	6156 2.54/26	5612 2.55/25	4930 2.51/24	4001 2.38/23	2463 1.97/23	-	-	-	-	TXBHP-24301	1090	3	6991
7945 2.88/32	7792 2.92/32	7631 2.96/31	7283 3.02/31	6891 3.08/30	6443 3.11/29	5915 3.11/28	5267 3.06/26	4419 2.93/26	3152 2.59/26	-	-	-	TXBHP-24302	1165	3	7472
8764 3.7/36	8628 3.74/36	8486 3.79/36	8185 3.87/36	7855 3.93/35	7490 3.99/34	7081 4.02/33	6612 4.03/32	6063 4/31	5393 3.92/30	4524 3.72/30	3253 3.28/30	-	TXBHP-245001	1270	5	8146
9611 4.71/42	9489 4.76/42	9362 4.81/42	9097 4.9/42	8812 4.98/41	8505 5.05/40	8169 5.11/39	7799 5.15/38	7386 5.17/37	6918 5.16/36	6375 5.11/35	5724 5/34	-	TXBHP-245002	1380	5	8851

Power Ratings (BHP) does not include drive losses.  
 Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings do not 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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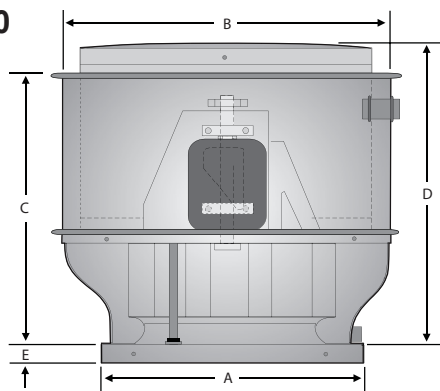
UL STANDARD 705 for Electrical  
 UL STANDARD 762 for  
 Grease Removal



**MODEL TXB**  
**BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**SIZE 30**



Dimensions (in.)				
A	B	C	D	E
42-1/2	56-3/4	41	45	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
36	36	37-3/4	40-3/4	.090	.050	.050	365

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4					
3720 0.16/3.8	-	-	-	-	-	-	-	-	-	-	-	-	TXB-30331	280	1/3	2236
4477 0.23/4.9	-	-	-	-	-	-	-	-	-	-	-	-	TXB-30332	315	1/3	2515
5280 0.32/6.2	4249 0.34/5.8	-	-	-	-	-	-	-	-	-	-	-	TXB-30333	355	1/3	2835
5572 0.36/6.7	4639 0.38/6.3	-	-	-	-	-	-	-	-	-	-	-	TXB-30501	370	1/2	2954
5860 0.41/7.2	5005 0.43/6.8	3594 0.41/6.3	-	-	-	-	-	-	-	-	-	-	TXB-30502	385	1/2	3074
6240 0.47/7.9	5466 0.50/7.5	4315 0.49/7.1	-	-	-	-	-	-	-	-	-	-	TXB-30503	405	1/2	3234
6615 0.54/8.6	5902 0.57/8.2	4931 0.58/7.8	3194 0.51/7.2	-	-	-	-	-	-	-	-	-	TXB-30751	425	3/4	3394
6987 0.62/9.3	6322 0.65/8.9	5474 0.67/8.5	4167 0.63/8.1	-	-	-	-	-	-	-	-	-	TXB-30752	445	3/4	3553
7356 0.70/10.0	6730 0.74/9.6	5973 0.76/9.3	4894 0.74/9.0	-	-	-	-	-	-	-	-	-	TXB-30753	465	3/4	3713
7631 0.77/10.7	7032 0.81/10.2	6328 0.83/9.8	5375 0.83/9.6	3866 .075/8.9	-	-	-	-	-	-	-	-	TXB-30101	480	1	3833
7904 0.84/11.3	7328 0.88/10.8	6671 0.91/10.4	5814 0.91/10.2	4598 0.86/9.7	-	-	-	-	-	-	-	-	TXB-30102	495	1	3952
8176 0.91/11.9	7622 0.96/11.5	7003 0.99/11.1	6221 1.00/10.7	5125 0.97/10.4	-	-	-	-	-	-	-	-	TXB-30103	510	1	4072
8628 1.05/13.1	8106 1.10/12.6	7534 1.13/12.2	6850 1.15/11.7	5959 1.15/11.5	4685 1.07/10.9	-	-	-	-	-	-	-	TXB-30151	535	1-1/2	4272
9078 1.20/14.2	8583 1.25/13.8	8050 1.29/13.3	7440 1.32/12.8	6682 1.32/12.5	5662 1.29/12.1	-	-	-	-	-	-	-	TXB-30152	560	1-1/2	4471
9525 1.36/15.3	9055 1.42/14.8	8555 1.46/14.4	8001 1.50/14.0	7334 1.51/13.6	6495 1.50/13.2	-	-	-	-	-	-	-	TXB-30153	585	1-1/2	4671
9881 1.50/16.2	9429 1.56/15.7	8951 1.61/15.2	8431 1.65/14.8	7824 1.67/14.4	7087 1.67/14.2	4766 1.50/13.1	-	-	-	-	-	-	TXB-30201	605	2	4831
10325 1.69/17.3	9894 1.75/16.8	9440 1.80/16.4	8954 1.85/15.9	8407 1.88/15.6	7758 1.89/15.2	5919 1.79/14.4	-	-	-	-	-	-	TXB-30202	630	2	5030
10680 1.85/18.1	10263 1.91/17.7	9827 1.97/17.3	9364 2.02/16.9	8855 2.05/16.5	8262 2.07/16.1	6658 2.02/15.4	-	-	-	-	-	-	TXB-30203	650	2	5190
11122 2.07/19.3	10721 2.13/18.8	10306 2.19/18.4	9868 2.25/18.1	9397 2.29/17.7	8860 2.31/17.3	7484 2.30/16.7	5245 2.08/15.6	-	-	-	-	-	TXB-30301	675	3	5390
11650 2.35/20	11268 2.42/20	10874 2.48/19.8	10462 2.54/19.5	10024 2.59/19.1	9545 2.62/18.8	8360 2.64/18.1	6643 2.52/17.2	-	-	-	-	-	TXB-30302	705	3	5629
12177 2.66/22	11812 2.73/22	11437 2.80/21	11047 2.86/20	10637 2.91/21	10199 2.96/20	9152 3.00/19.6	7730 2.94/19.0	5454 2.65/18.1	-	-	-	-	TXB-30303	735	3	5869
12966 3.17/24	12623 3.24/24	12273 3.32/23	11911 3.39/23	11535 3.45/23	11140 3.50/22	10244 3.57/22	9119 3.57/21	7571 3.44/21	-	-	-	-	TXB-305001	780	5	6228
13839 3.80/26	13518 3.89/26	13191 3.97/26	12856 4.04/25	12511 4.11/25	12152 4.17/25	11374 4.27/25	10439 4.32/24	9268 4.28/23	7696 4.09/23	-	-	-	TXB-305002	830	5	6627
14623 4.44/29	14319 4.53/28	14011 4.62/28	13696 4.70/27	13373 4.78/27	13040 4.85/27	12332 4.96/27	11522 5.04/26	10552 5.05/26	9325 4.97/25	7711 4.71/25	-	-	TXB-305003	875	5	6987
15752 5.50/32	15471 5.59/32	15185 5.69/31	14895 5.78/31	14599 5.86/30	14296 5.94/30	13661 6.08/30	12977 6.19/30	12187 6.26/29	11261 6.26/29	10120 6.17/29	8680 5.93/28	-	TXB-307501	940	7-1/2	7506
16792 6.60/36	16528 6.71/35	16261 6.81/35	15990 6.90/34	15715 7.00/34	15434 7.09/34	14854 7.25/34	14238 7.38/33	13564 7.49/33	12794 7.54/33	11905 7.54/32	10831 7.44/32	-	TXB-307502	1000	7-1/2	7985

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models TXB 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.



UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal

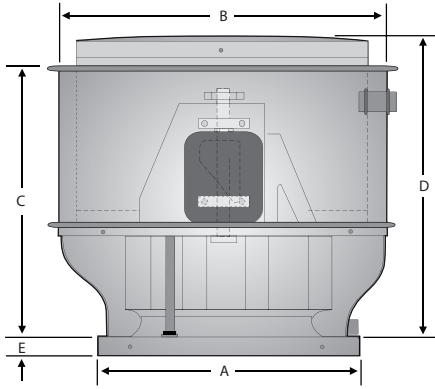




**MODEL TXB**  
BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 30 - HIGH PRESSURE**



Dimensions (in.)				
A	B	C	D	E
42-1/2	56-3/4	41	45	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
36	36	37-3/4	40-3/4	.090	.050	.050	365

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed	
1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	Catalog Number				
3328 0.24/4.3	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-30332	345	1/3	2755
4276 0.34/ 5.5	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-30333	385	1/3	3074
4666 0.39/6.2	3395 0.38/5.8	-	-	-	-	-	-	-	-	-	-	-	TXBHP-30501	405	1/2	3234
4942 0.43/6.7	3992 0.44/6.2	-	-	-	-	-	-	-	-	-	-	-	TXBHP-30502	420	1/2	3354
5298 0.49/7.3	4548 0.51/6.8	-	-	-	-	-	-	-	-	-	-	-	TXBHP-30503	440	1/2	3513
5643 0.56/8.0	4997 0.58/7.4	3645 0.54/7.1	-	-	-	-	-	-	-	-	-	-	TXBHP-30751	460	3/4	3673
5980 0.63/8.7	5407 0.65/8.2	4430 0.65/78	-	-	-	-	-	-	-	-	-	-	TXBHP-30752	480	3/4	3833
6311 0.70/9.5	5789 0.73/8.9	5053 0.74/8.4	3581 0.68/8.3	-	-	-	-	-	-	-	-	-	TXBHP-30753	500	3/4	3992
6638 0.79/10.3	6154 0.82/9.6	5527 0.84/9.1	4265 0.79/9.0	-	-	-	-	-	-	-	-	-	TXBHP-30101	520	1	4152
6880 0.85/10.9	6420 0.89/10.3	5851 0.91/9.7	4890 0.89/9.4	3348 0.77/9.5	-	-	-	-	-	-	-	-	TXBHP-30102	535	1	4272
7201 0.94/11.8	6767 0.98/11.1	6258 1.01/10.6	5545 1.02/10.1	4180 0.94/10.1	-	-	-	-	-	-	-	-	TXBHP-30103	555	1	4432
7597 1.07/12.7	7192 1.11/12.2	6734 1.14/11.5	6148 1.16/11.0	5113 1.13/10.9	-	-	-	-	-	-	-	-	TXBHP-30151	580	1-1/2	4631
7989 1.20/13.6	7608 1.25/13.0	7817 1.29/12.5	6684 1.31/12.0	5996 1.32/11.6	-	-	-	-	-	-	-	-	TXBHP-30152	605	1-1/2	4831
8379 1.35/14.6	8018 1.40/14.0	7627 1.44/13.5	7181 1.47/13.0	6614 1.49/12.5	4439 1.35/12.4	-	-	-	-	-	-	-	TXBHP-30153	630	1-1/2	5030
8765 1.51/15.6	8423 1.56/15.0	8055 1.61/14.4	7649 1.64/14.0	7161 1.67/13.5	5303 1.58/13.2	-	-	-	-	-	-	-	TXBHP-30201	655	2	5230
9073 1.64/16.3	8743 1.70/15.8	8393 1.75/15.3	8011 1.79/14.8	7570 1.82/14.3	6119 1.79/13.9	-	-	-	-	-	-	-	TXBHP-30202	675	2	5390
9456 1.82/17.3	9141 1.88/16.8	8808 1.94/16.3	8451 1.98/15.8	8055 2.02/15.4	6960 2.04/14.7	-	-	-	-	-	-	-	TXBHP-30203	700	2	5589
9988 2.09/18.7	9692 2.16/18.2	9381 2.22/17.8	9052 2.27/17.3	8696 2.31/16.9	7808 2.36/16.1	6018 2.24/16.3	-	-	-	-	-	-	TXBHP-30301	735	3	5869
10443 2.35/19.9	10159 2.42/19.4	9865 2.48/19.0	9556 2.54/18.6	9226 2.59/18.2	8449 2.66/17.4	7224 2.63/17.3	-	-	-	-	-	-	TXBHP-30302	765	3	6108
10970 2.67/21	10701 2.75/21	10423 2.82/21	10134 2.88/20	9828 2.93/20	9143 3.02/19.0	8224 3.05/19.0	6421 2.87/19.0	-	-	-	-	-	TXBHP-30303	800	3	6388
11720 3.18/23	11469 3.26/23	11211 3.34/23	10944 3.41/22	10667 3.47/22	10065 3.58/21	9337 3.65/21	8308 3.64/21	6462 3.39/21	-	-	-	-	TXBHP-305001	850	5	6787
12392 3.69/26	12155 3.78/25	11912 3.86/25	11663 3.94/24	11405 4.01/24	10855 4.13/23	10233 4.22/23	9445 4.27/22	8174 4.18/23	-	-	-	-	TXBHP-305002	895	5	7146
13135 4.32/28	12912 4.42/28	12684 4.51/27	12451 4.59/27	12211 4.67/26	11708 4.81/26	11156 4.92/25	10513 4.96/25	9692 5.03/25	8529 4.85/25	6658 4.54/25	-	-	TXBHP-305003	945	5	7546
14172 5.32/32	13964 5.43/31	13754 5.53/30	13541 5.62/30	13322 5.71/30	12868 5.87/29	12385 6.01/28	11856 6.12/28	11239 6.20/28	10477 6.23/28	9274 6.10/28	7691 5.77/29	-	TXBHP-307501	1015	7-1/2	8104
15130 6.38/36	14936 6.49/35	14740 6.60/35	14541 6.71/34	14338 6.81/34	13921 6.99/33	13483 7.15/32	13015 7.28/31	12504 7.39/31	11910 7.47/31	11193 7.50/31	10150 7.40/31	-	TXBHP-307502	1080	7-1/2	8623

Power Ratings (BHP) does not include drive losses.  
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Performance ratings do not 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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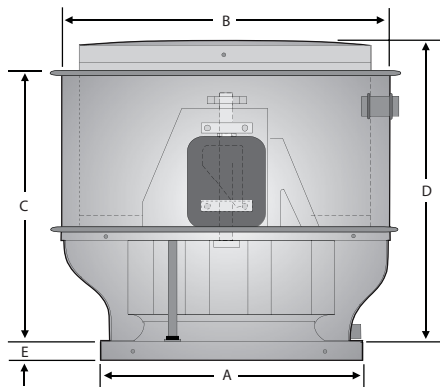
UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal



**MODEL TXB**  
**BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**SIZE 36**



Dimensions (in.)				
A	B	C	D	E
42-1/2	66	44	48	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
36	36	37-3/4	40-3/4	.090	.050	.050	365

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2					
7797 0.30/5.3	6629 0.33/4.9	4391 0.31/4.3	-	-	-	-	-	-	-	-	-	-	TXB-36501	270	1/2	2523
8953 0.45/6.8	8009 0.49/6.4	6496 0.50/6.0	3165 0.35/4.4	-	-	-	-	-	-	-	-	-	TXB-36502	310	1/2	2896
9386 0.52/7.3	8503 0.56/6.9	7139 0.57/6.6	5105 0.53/5.6	-	-	-	-	-	-	-	-	-	TXB-36751	325	3/4	3036
9819 0.60/7.9	8988 0.64/7.5	7771 0.66/7.2	5791 0.62/6.8	-	-	-	-	-	-	-	-	-	TXB-36852	340	3/4	3177
10252 0.68/8.5	9468 0.72/8.1	8369 0.75/7.7	6717 0.73/7.4	-	-	-	-	-	-	-	-	-	TXB-36753	355	3/4	3317
10685 0.77/9.1	9942 0.81/8.7	8940 0.85/8.3	7521 0.84/8.0	5459 0.76/6.8	-	-	-	-	-	-	-	-	TXB-36101	370	1	3457
10974 0.83/9.5	10255 0.88/9.1	9308 0.92/8.7	7971 0.91/8.4	6124 0.85/7.7	-	-	-	-	-	-	-	-	TXB-36102	380	1	3550
11407 0.93/10.2	10722 0.98/9.8	9844 1.02/9.4	8611 1.03/9.0	6793 0.97/8.7	-	-	-	-	-	-	-	-	TXB-36103	395	1	3690
11985 1.08/11.0	11339 1.14/10.6	10537 1.18/10.3	9459 1.20/9.9	8086 1.17/9.6	6251 1.08/8.4	-	-	-	-	-	-	-	TXB-36151	415	1-1/2	3877
12418 1.21/11.8	11799 1.26/11.3	11045 1.31/10.9	10063 1.33/10.6	8812 1.32/10.3	7081 1.24/9.7	-	-	-	-	-	-	-	TXB-36152	430	1-1/2	4017
12996 1.34/12.7	12410 1.44/12.4	11710 1.49/12.0	10832 1.53/11.5	9685 1.52/11.2	8075 1.46/10.9	6094 1.32/9.5	-	-	-	-	-	-	TXB-36153	450	1-1/2	4204
13285 1.48/13.2	12713 1.53/12.8	12037 1.59/12.5	11203 1.63/12.1	10113 1.63/11.7	8792 1.59/11.4	7239 1.50/10.3	-	-	-	-	-	-	TXB-36201	460	2	4298
13573 1.50/13.7	13016 1.63/13.3	12362 1.69/12.9	11566 1.73/12.7	10540 1.74/12.2	9344 1.71/11.9	7711 1.62/11.4	-	-	-	-	-	-	TXB-36202	470	2	4391
13862 1.68/14.2	13318 1.74/13.8	12685 1.79/13.4	11923 1.84/13.0	10955 1.86/12.8	9817 1.83/12.4	8152 1.74/12.2	-	-	-	-	-	-	TXB-36203	480	2	4484
14295 1.84/15.0	13770 1.90/14.6	13165 1.96/14.2	12449 2.01/13.8	11560 2.04/13.5	10483 2.02/13.3	8988 1.95/13.0	-	-	-	-	-	-	TXB-36204	495	2	4625
14873 2.07/15.9	14371 2.14/15.6	13799 2.20/15.2	13135 2.25/14.8	12334 2.29/14.5	11337 2.29/14.2	10243 2.25/14.0	-	-	-	-	-	-	TXB-36301	515	3	4811
15306 2.26/16.6	14819 2.32/16.3	14271 2.39/16.0	13640 2.45/15.6	12894 2.49/15.3	11973 2.50/15.1	8299 2.47/14.8	8299 2.29/13.4	-	-	-	-	-	TXB-36302	530	3	4952
15884 2.52/17.7	15416 2.59/17.3	14895 2.66/16.9	14304 2.72/16.6	13617 2.77/16.4	12788 2.79/16.2	11814 2.78/16.0	9226 2.61/15.5	-	-	-	-	-	TXB-36303	550	3	5138
16317 2.74/18.5	15863 2.81/18.1	15361 2.87/17.7	14795 2.94/17.4	14146 2.99/17.2	13377 3.03/17	12455 3.02/16.8	9936 2.87/16.3	-	-	-	-	-	TXB-36304	565	3	5279
16894 3.04/19.5	16458 3.11/19.1	15978 3.18/18.8	15443 3.25/18.5	14837 3.31/18.3	14135 3.35/18.1	13299 3.36/17.8	11336 3.28/17.4	8629 3.01/15.6	-	-	-	-	TXB-365001	585	5	5465
17472 3.36/21	17052 3.43/20	16592 3.51/20	16085 3.58/20	15516 3.64/19.0	14868 3.69/19.0	14109 3.72/19.0	12318 3.67/19.0	9875 3.45/18.0	-	-	-	-	TXB-365002	605	5	5652
18194 3.79/22	17792 3.87/22	17356 3.95/21	16877 4.02/21	16349 4.09/21	15756 4.15/21	15078 4.19/20	13425 4.17/20	11005 3.97/19.0	-	-	-	-	TXB-365003	630	5	5886
18772 4.17/23	18382 4.25/23	17963 4.33/22	17507 4.40/22	17006 4.48/22	16450 4.54/22	15824 4.59/21	14278 4.60/21	12396 4.48/21	10209 4.23/19	-	-	-	TXB-365004	650	5	6073
19349 4.56/24	18972 4.65/24	18568 4.73/24	18131 4.81/23	17654 4.88/23	17131 4.95/23	16548 5.01/23	15128 5.05/22	13471 4.97/22	11141 4.71/21	-	-	-	TXB-365005	670	5	6260
20793 5.66/27	20443 5.75/27	20074 5.84/26	19677 5.93/26	19252 6.01/26	18793 6.09/26	18292 6.16/26	17125 6.26/25	15671 6.24/25	14067 6.13/24	11871 5.83/23	-	-	TXB-367501	720	7-1/2	6727
22093 6.79/30	21765 6.89/30	21420 6.98/29	21055 7.07/29	20666 7.17/29	20252 7.25/29	19805 7.34/28	18797 7.47/28	17569 7.52/27	16160 7.46/27	14373 7.27/26	12478 6.97/26	-	TXB-367502	765	7-1/2	7147

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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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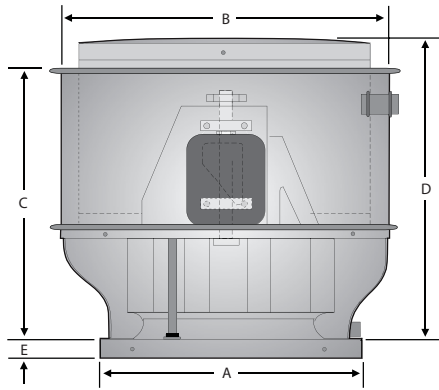




**MODEL TXB**  
BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 36 - HIGH PRESSURE**



Dimensions (in.)				
A	B	C	D	E
42-1/2	66	44	48	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
36	36	37-3/4	40-3/4	.090	.050	.050	365

CFM / BHP @ Static Pressure / Sones													Catalog Number	RPM	HP	Tip Speed
1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	2-3/4	3					
5889 0.83/7.6	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-36101	405	1	3784
6412 0.90/7.9	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-36102	415	1	3877
7078 1.02/8.4	-	-	-	-	-	-	-	-	-	-	-	-	TXBHP-36103	430	1	4017
7862 1.17/9.2	6415 1.13/9.1	-	-	-	-	-	-	-	-	-	-	-	TXBHP-36151	450	1-1/2	4204
8575 1.33/9.9	7448 1.32/9.7	5189 1.15/10.2	-	-	-	-	-	-	-	-	-	-	TXBHP-36152	470	1-1/2	4391
9240 1.50/10.7	8286 1.51/10.5	6822 1.44/10.7	-	-	-	-	-	-	-	-	-	-	TXBHP-36153	490	1-1/2	4578
9715 1.63/11.3	8860 1.66/11.1	7692 1.62/11.2	-	-	-	-	-	-	-	-	-	-	TXBHP-36201	505	2	4718
10021 1.72/11.8	9222 1.75/11.5	8166 1.74/11.5	-	-	-	-	-	-	-	-	-	-	TXBHP-36202	515	2	4811
10467 1.86/12.5	9741 1.91/12.1	8807 1.91/12.0	-	-	-	-	-	-	-	-	-	-	TXBHP-36203	530	2	4952
10760 1.96/13.0	10075 2.01/12.6	9204 2.02/12.4	5776 1.73/13.4	-	-	-	-	-	-	-	-	-	TXBHP-36204	540	2	5045
11335 2.16/13.7	10718 2.23/13.5	9953 2.26/13.3	7428 2.11/13.9	-	-	-	-	-	-	-	-	-	TXBHP-36301	560	3	5232
11899 2.37/14.6	11330 2.45/14.3	10651 2.50/14.0	8725 2.45/14.5	-	-	-	-	-	-	-	-	-	TXBHP-36302	580	3	5419
12456 2.60/15.4	11921 2.69/15.1	11312 2.75/14.9	9665 2.76/15.0	-	-	-	-	-	-	-	-	-	TXBHP-36303	600	3	5606
13005 2.85/16.3	12499 2.94/16.0	11946 3.01/15.7	10489 3.06/15.6	7767 2.79/16.5	-	-	-	-	-	-	-	-	TXBHP-36304	620	3	5792
13684 3.18/17.4	13207 3.27/17.2	12698 3.36/16.9	11484 3.45/16.4	9572 3.36/17.2	-	-	-	-	-	-	-	-	TXBHP-365001	645	5	6026
14222 3.46/18.3	13765 3.55/18.1	13283 3.65/17.8	12188 3.77/17.3	10548 3.74/17.7	-	-	-	-	-	-	-	-	TXBHP-365002	665	5	6213
14888 3.83/19.5	14454 3.93/19.2	14000 4.03/19.0	12971 4.18/18.5	11602 4.22/19.2	9428 3.99/20	-	-	-	-	-	-	-	TXBHP-365003	690	5	6446
15417 4.15/20	14998 4.25/20	14564 4.36/19.9	13608 4.53/19.4	12374 4.6/19.1	10667 4.5/19.8	-	-	-	-	-	-	-	TXBHP-365004	710	5	6633
16074 4.57/22	15673 4.68/21	15259 4.79/21	14372 4.98/21	13277 5.10/20	11884 5.07/21	9319 4.67/21	-	-	-	-	-	-	TXBHP-365005	735	5	6867
17506 5.60/24	17136 5.72/24	16761 5.84/24	15974 6.06/23	15095 6.25/23	14005 6.34/22	12622 6.29/23	10338 5.88/24	-	-	-	-	-	TXBHP-367501	790	7-1/2	7381
18794 6.66/26	18449 6.79/26	18099 6.92/26	17379 7.16/26	16608 7.39/25	15721 7.56/25	14638 7.62/25	13290 7.54/25	11142 7.12/26	-	-	-	-	TXBHP-367502	840	7-1/2	7848
19817 7.61/28	19488 7.74/28	19157 7.87/28	18479 8.14/28	17767 8.39/27	16993 8.61/27	16067 8.73/26	14959 8.75/27	13585 8.63/27	11274 8.06/28	-	-	-	TXBHP-361001	880	10	8222
20834 8.64/31	20520 8.78/30	20205 8.92/30	19563 9.20/30	18897 9.47/30	18188 9.71/29	17392 9.90/29	16453 9.99/29	15337 9.99/29	11556 9.13/29	8370 7.79/30	-	-	TXBHP-361002	920	10	8595

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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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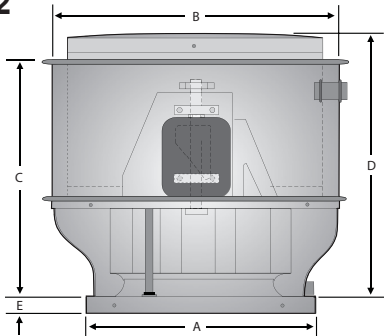




**MODEL TXB**  
**BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**SIZE 42**



Dimensions (in.)				
A	B	C	D	E
55	72-1/2	48	52	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
48	48	50-1/4	53-1/4	.100	.050	.050	385

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	Catalog Number			
10306	7988	-	-	-	-	-	-	-	-	-	-	TXB-42501	200	1/2	2199
0.28/6.8	0.33/6.8	-	-	-	-	-	-	-	-	-	-	TXB-42502	230	1/2	2829
11852	10011	6471	-	-	-	-	-	-	-	-	-	TXB-42751	245	3/4	2694
0.43/8.2	0.49/8.2	0.45/8.2	-	-	-	-	-	-	-	-	-	TXB-42752	265	3/4	2914
12625	10926	7540	-	-	-	-	-	-	-	-	-	TXB-42101	280	1	3079
0.52/9.0	0.59/8.9	0.57/8.8	-	-	-	-	-	-	-	-	-	TXB-42102	290	1	3189
13656	12109	9589	-	-	-	-	-	-	-	-	-	TXB-42151	300	1-1/2	3299
0.66/10.0	0.74/9.9	0.76/9.8	-	-	-	-	-	-	-	-	-	TXB-42152	315	1-1/2	3464
14429	12977	11065	7791	-	-	-	-	-	-	-	-	TXB-42153	330	1-1/2	3628
0.78/10.8	0.86/10.6	0.91/10.5	0.81/10.4	-	-	-	-	-	-	-	-	TXB-42201	340	2	3738
14944	13549	11868	8543	-	-	-	-	-	-	-	-	TXB-42202	355	2	3903
0.86/11.4	0.95/11.2	1.01/11.0	0.93/10.8	-	-	-	-	-	-	-	-	TXB-42203	365	2	4013
15459	14116	12546	9230	-	-	-	-	-	-	-	-	TXB-42301	380	3	4178
0.96/11.9	1.05/11.8	1.11/11.6	1.04/11.4	-	-	-	-	-	-	-	-	TXB-42302	395	3	4343
16232	14959	13514	10696	8017	-	-	-	-	-	-	-	TXB-42303	410	3	4508
1.11/12.6	1.20/12.4	1.28/12.3	1.26/12.2	1.12/12.0	-	-	-	-	-	-	-	TXB-425001	420	5	4618
17005	15795	14449	12322	9513	-	-	-	-	-	-	-	TXB-425002	430	5	4728
1.27/13.4	1.37/13.3	1.46/13.1	1.49/13.0	1.35/12.8	-	-	-	-	-	-	-	TXB-425003	445	5	4893
17521	16349	15060	13278	10223	6983	-	-	-	-	-	-	TXB-425004	455	5	5003
1.39/14.0	1.50/13.8	1.58/13.7	1.63/13.5	1.50/13.3	1.22/13.0	-	-	-	-	-	-	TXB-425005	470	5	5168
18294	17174	15960	14521	11441	9452	-	-	-	-	-	-	TXB-425006	480	5	5278
1.59/14.9	1.69/14.7	1.79/14.6	1.86/14.4	1.76/14.1	1.92/13.8	-	-	-	-	-	-	TXB-425007	495	5	5443
18809	17772	16553	15207	12488	10337	6123	-	-	-	-	-	TXB-427501	515	7-1/2	5663
1.72/15.4	1.83/15.3	1.93/15.1	2.01/15.0	1.96/14.8	1.81/14.3	1.39/14.0	-	-	-	-	-	TXB-427502	530	7-1/2	5828
19582	18540	17430	16182	14122	11420	8695	-	-	-	-	-	TXB-427503	530	7-1/2	6047
1.95/16.3	2.06/16.1	2.17/15.9	2.25/15.8	2.27/15.6	2.10/15.2	1.85/14.8	-	-	-	-	-	TXB-427504	565	7-1/2	6212
20355	19354	18296	17129	15546	12609	10936	-	-	-	-	-				
2.18/17.2	2.31/17.0	2.42/16.8	2.51/16.6	2.56/16.5	2.42/16.2	2.27/15.7	-	-	-	-	-				
21128	20165	19154	18055	16774	14170	12073	-	-	-	-	-				
2.44/18.0	2.57/17.8	2.68/17.7	2.79/17.5	2.86/17.3	2.79/17.1	2.61/16.6	-	-	-	-	-				
21643	20705	19722	18661	17462	15269	12766	6656	-	-	-	-				
2.63/18.6	2.75/18.4	2.87/18.2	2.98/18.1	3.07/17.9	3.04/17.7	2.85/17.3	2.09/16.4	-	-	-	-				
22159	21243	20286	19262	18119	16303	13562	8822	-	-	-	-				
2.82/19.3	2.95/19.1	3.07/18.9	3.18/18.7	3.28/18.5	3.29/1.83	3.11/18.0	2.47/17.0	-	-	-	-				
22931	22048	21129	20153	19082	17681	15074	11238	-	-	-	-				
3.12/20	3.26/20	3.39/19.8	3.51/19.6	3.61/19.4	3.67/19.3	3.54/19.0	3.14/18.0	-	-	-	-				
23447	22538	21687	20740	19710	18484	16173	12535	-	-	-	-				
3.34/21	3.48/21	3.61/20	3.73/20	3.84/20	3.91/19.9	3.85/19.7	3.47/18.6	-	-	-	-				
24220	23384	22521	21614	20638	19551	17756	13694	-	-	-	-				
3.68/22	3.83/22	3.96/21	4.09/21	4.20/21	4.29/21	4.3/21	3.92/19.7	-	-	-	-				
24735	23917	23074	22181	21247	20208	18703	14400	9783	-	-	-				
3.92/22	4.07/22	4.21/22	4.34/22	4.46/22	4.56/21	4.60/21	4.23/20	3.41/19.0	-	-	-				
25508	24176	23901	23052	22152	21173	19975	15519	12017	-	-	-				
4.30/23	4.45/23	4.60/23	4.74/23	4.86/23	4.97/22	5.04/22	4.73/22	4.24/20	-	-	-				
26539	25778	24997	24188	23339	22429	21427	17525	14525	-	-	-				
4.84/25	5.00/25	5.15/24	5.30/24	5.43/24	5.55/24	5.65/24	5.50/23	5.08/22	-	-	-				
27312	26573	25817	25035	24218	23351	22410	19179	15634	11323	-	-				
5.28/26	5.44/25	5.60/25	5.75/25	5.89/25	6.02/25	6.13/25	6.11/24	5.65/23	4.74/22	-	-				
28342	27631	26904	26152	25378	24561	23684	21215	17031	14648	-	-				
5.90/27	6.07/27	6.23/26	6.39/26	6.54/26	6.68/26	6.80/26	6.91/25	6.45/24	6.04/24	-	-				
29115	28423	27717	26992	26241	25455	24621	22538	18467	15978	11004	-				
6.39/28	6.57/28	6.74/27	6.90/27	7.06/27	7.20/27	7.33/27	7.50/26	7.15/26	6.72/25	5.45/24	-				

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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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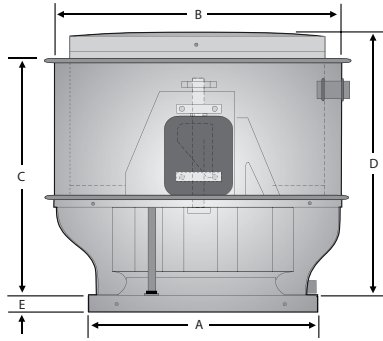
UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal



**MODEL TXB**  
BELT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**SIZE 48**



Dimensions (in.)				
A	B	C	D	E
55	78-3/4	52	55	2-1/2

Dimensional Data				Metal Thickness			Avg. Ship Wt. (lbs.)
Damper		Roof Opening	Curb OD	Curb Cap	Wind Band	Motor Cover	
ID	OD						
48	48	50-1/4	53-1/4	.100	.050	.050	490

CFM / BHP @ Static Pressure / Sones													RPM	HP	Tip Speed	
0	1/8	1/4	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	1-3/4	2	Catalog Number				
11713	8527	-	-	-	-	-	-	-	-	-	-	TXB-48501	170	1/2	2114	
0.33/3.5	0.37/3.1	-	-	-	-	-	-	-	-	-	-	-	TXB-48501	170	1/2	2114
12402	9664	-	-	-	-	-	-	-	-	-	-	TXB-48502	180	1/2	2238	
0.39/3.9	0.44/3.6	-	-	-	-	-	-	-	-	-	-	-	TXB-48502	180	1/2	2238
13091	10066	-	-	-	-	-	-	-	-	-	-	TXB-48503	190	1/2	2363	
0.46/4.3	0.52/4.0	-	-	-	-	-	-	-	-	-	-	-	TXB-48503	190	1/2	2363
13091	10666	-	-	-	-	-	-	-	-	-	-	TXB-48751	205	3/4	2549	
0.46/4.3	0.52/4.7	-	-	-	-	-	-	-	-	-	-	-	TXB-48751	205	3/4	2549
14813	12737	8924	-	-	-	-	-	-	-	-	-	TXB-48752	215	3/4	2674	
0.67/5.4	0.75/5.2	0.70/5.2	-	-	-	-	-	-	-	-	-	-	TXB-48752	215	3/4	2674
15847	13896	10899	-	-	-	-	-	-	-	-	-	TXB-48101	230	1	2860	
0.82/6.1	0.91/5.9	0.90/5.6	-	-	-	-	-	-	-	-	-	-	TXB-48101	230	1	2860
16536	14656	12014	-	-	-	-	-	-	-	-	-	TXB-48102	240	1	2984	
0.93/6.0	1.02/6.3	1.04/6.1	-	-	-	-	-	-	-	-	-	-	TXB-48102	240	1	2984
17225	15408	13163	-	-	-	-	-	-	-	-	-	TXB-48151	250	1-1/2	3109	
1.05/7.0	1.15/6.7	1.19/6.5	-	-	-	-	-	-	-	-	-	-	TXB-48151	250	1-1/2	3109
17914	16154	14236	10299	-	-	-	-	-	-	-	-	TXB-48152	260	1-1/2	3233	
1.18/7.4	1.29/7.2	1.34/7.0	1.22/7.0	-	-	-	-	-	-	-	-	-	TXB-48152	260	1-1/2	3233
18603	16895	15206	11919	-	-	-	-	-	-	-	-	TXB-48153	270	1-1/2	3358	
1.32/7.9	1.44/7.6	1.50/7.4	1.41/7.3	-	-	-	-	-	-	-	-	-	TXB-48153	270	1-1/2	3358
19636	17999	16495	13726	9349	-	-	-	-	-	-	-	TXB-48201	285	2	3544	
1.56/8.5	1.68/8.3	1.75/8.1	1.72/7.9	1.48/8.3	-	-	-	-	-	-	-	-	TXB-48201	285	2	3544
20670	19097	17694	15399	11849	-	-	-	-	-	-	-	TXB-48202	300	2	3731	
1.87/9.2	1.95/9.0	2.03/8.8	2.04/8.5	1.87/8.6	-	-	-	-	-	-	-	-	TXB-48202	300	2	3731
21359	19825	18476	16546	13528	8885	-	-	-	-	-	-	TXB-48301	310	3	3855	
2.00/9.8	2.14/9.5	2.23/9.3	2.26/9.1	2.12/9.0	1.77/9.9	-	-	-	-	-	-	-	TXB-48301	310	3	3855
22048	20551	19249	17592	14793	10661	-	-	-	-	-	-	TXB-48302	320	3	3979	
2.20/10.3	2.35/10.1	2.44/9.8	2.49/9.6	2.39/9.5	2.11/10.0	-	-	-	-	-	-	-	TXB-48302	320	3	3979
22737	21275	20013	18560	15952	12193	-	-	-	-	-	-	TXB-48303	330	3	4104	
2.42/10.8	2.57/10.6	2.67/10.4	2.73/10.2	2.67/10.0	2.44/10.3	-	-	-	-	-	-	-	TXB-48303	330	3	4104
23426	21997	20771	19458	17054	14121	9830	-	-	-	-	-	TXB-48304	340	3	4228	
2.64/11.5	2.80/11.2	2.91/11.0	2.98/10.8	2.95/10.6	2.76/10.7	2.34/10.7	-	-	-	-	-	-	TXB-48304	340	3	4228
24459	23071	21898	20682	18779	16204	12357	-	-	-	-	-	TXB-485001	355	5	4415	
3.01/12.4	3.18/12.1	3.29/11.8	3.38/11.6	3.40/11.5	3.25/11.4	2.95/12.0	-	-	-	-	-	-	TXB-485001	355	5	4415
25837	24513	23387	22266	20855	18507	15915	-	-	-	-	-	TXB-485002	375	5	4663	
3.55/13.8	3.73/13.5	3.86/13.3	3.95/13.1	4.01/13.0	3.94/12.9	3.72/13.0	-	-	-	-	-	-	TXB-485002	375	5	4663
26871	25587	24495	23428	22250	20201	17886	10701	-	-	-	-	TXB-485003	390	5	4850	
3.99/14.8	4.18/14.6	4.32/14.5	4.42/14.3	4.50/14.2	4.49/14.1	4.31/14.1	3.44/15.0	-	-	-	-	-	TXB-485003	390	5	4850
27904	26658	25598	24574	23485	21877	19631	13520	-	-	-	-	TXB-485004	405	5	5036	
4.47/15.8	4.67/15.7	4.82/15.5	4.93/15.4	5.02/15.4	5.05/15.4	4.94/15.5	4.28/15.6	-	-	-	-	-	TXB-485004	405	5	5036
29282	28083	27061	26086	25081	23863	21866	16901	8340	-	-	-	TXB-487501	425	7-1/2	5285	
5.16/17.3	5.38/17.2	5.54/17.1	5.66/17.1	5.77/17.0	5.84/17.1	5.84/17.0	5.33/17.0	3.81/17.8	-	-	-	-	TXB-487501	425	7-1/2	5285
30316	29150	28153	27209	26253	25207	23573	19343	12941	-	-	-	TXB-487502	440	7-1/2	5471	
5.73/18.5	5.95/18.4	6.12/18.3	6.26/18.3	6.37/18.1	6.46/18	6.48/17.8	6.09/17.7	5.12/18.4	-	-	-	-	TXB-487502	440	7-1/2	5471
31694	30569	29604	29697	27792	26837	25611	21797	16210	-	-	-	TXB-487503	460	7-1/2	5720	
6.55/19.9	6.78/19.8	6.96/19.6	7.12/19.4	7.24/19.3	7.3/19.1	7.40/19.0	7.17/18.7	6.47/19.2	-	-	-	-	TXB-487503	460	7-1/2	5720
33072	31984	31049	30174	29311	28422	27448	24028	19817	13705	-	-	TXB-481001	480	10	5969	
7.44/21	7.69/21	7.88/21	8.05/21	8.18/21	8.30/20	8.39/20	8.31/19.9	7.75/20	6.55/20.9	-	-	-	TXB-481001	480	10	5969
34105	33045	32130	31276	30441	29589	28681	25750	22031	16402	-	-	TXB-481002	495	10	6155	
8.16/22	8.42/22	8.62/22	8.79/22	8.94/21	9.07/21	9.17/21	9.19/21	8.72/21	7.79/21	-	-	-	TXB-481002	495	10	6155
35139	34105	33209	32375	31563	30747	29887	27429	23870	18697	12370	-	TXB-481003	510	10	6342	
8.92/23	9.19/23	9.40/23	9.59/23	9.74/22	9.88/22	9.99/22	10.09/22	9.73/21	8.99/22	7.27/23	-	-	TXB-481003	510	10	6342

Power Ratings (BHP) does not include drive losses.  
Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings do not 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



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models TXB 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.



UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal



# MODEL TXD

## DIRECT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



### MODEL FEATURES

- Exhaust air up to 3,400 CFM in high static pressure applications up to 1-1/4" w.g.
- Attractive spun aluminum exterior
- Direct drive units have low sound levels and quiet operation
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- Roof or sidewall mounting options
- AMCA Air and Sound Licensed
- cULus 705 or 762 Listed

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### APPLICATION CONSTRUCTION OPTIONS

MODEL NAME	TYPICAL APPLICATIONS
TXD	Removal of clean or contaminated air in general applications
TXDRHUL	UL762 listed for grease removal
TXDW	Wall mount version of TXD
TXDWRHUL	UL762 version of TXDW

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### MODEL OVERVIEW

Model TXD direct drive fans are designed to exhaust air up to 3,400 CFM in high static pressure applications to 1-1/4". The aluminum exterior provides an attractive appearance. The non-overloading backward inclined wheel with its higher static pressure capability makes this unit suitable for either ducted or nonducted applications. Its roof or wall mounting permits location near the area to be ventilated, allowing short duct runs and more efficient operation. Direct drive units use smaller diameter wheels with lower rpm's, resulting in low sound levels and quiet operation. They have no belts or fan bearings to maintain or adjust and consequently require very little maintenance.

Isolation of the motor from the air stream and the high velocity vertical (roof) or horizontal (wall) air discharge make the Model TXD ideally suited for the removal of dirty, contaminated and/or high temperature air from processes and buildings. Typical applications include restaurant hoods and similar kitchen exhaust ventilation, fume and smoke removal, laboratory fume hood exhaust and chemical process exhaust.

**Industry best 5 year fan housing warranty, 1 year motor warranty  
TXDRHUL units have 1 year fan housing warranty**



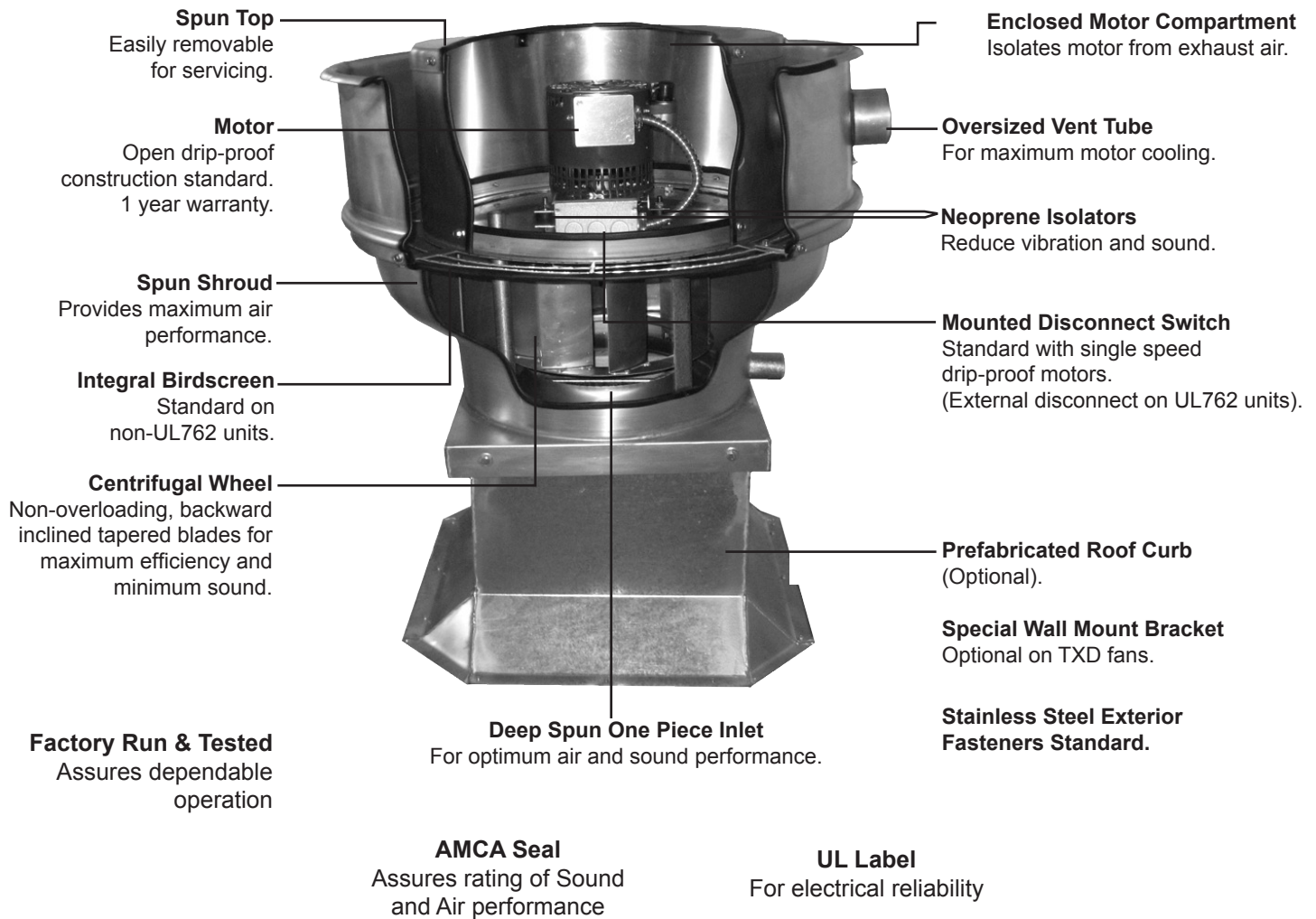
**MODEL TXD**

**DIRECT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**STANDARD CONSTRUCTION FEATURES AND OPTIONS**

**Model TXD**





## **CONSTRUCTION/SPECIFICATION CHECKLIST**

### **Housing**

- Curb cap with integral deep single piece spun inlet for efficient performance and prevention of leakage into ductwork.
- Heavy-gauge aluminum housing and curb cap for strength and rigidity. Curb cap is galvanized steel on all UL762 units.
- Stainless steel alloy exterior fasteners.
- Enclosed, ventilated motor compartment isolates motor from exhaust air.
- Neoprene isolators for reduction of vibration and sound.
- Quick-Release latches on motor cover for easy access to motor compartment.
- Water-tight conduit tube for easy electrical connection without having to wire through the breather tube.
- Birdscreen included on standard models (not included on UL762 units).

### **Centrifugal Wheel**

- Backward inclined for efficiency at higher static pressure.
- Non-overloading for safe operation in ducted systems.
- Heavy aluminum hub for extra strength.
- Close running tolerance between inlet cone and wheel inlet for maximum efficiency.
- Statically and dynamically balanced for smooth quiet operation.

### **Speed Controllable Motors**

- Brands are nationally recognized and locally serviced.
- Standard motors are single speed, speed controllable and drip-proof.
- All motors are rated for continuous duty.
- Disconnect switch is standard with drip-proof motors.
- Heavy-gauge steel motor brackets designed for maximum strength.

### **Certifications**

- AMCA Air and Sound Licensed.
- cULus 705 Listed Power Roof Ventilator label assures electrical reliability.
- UL762 Listed for Restaurant Exhaust Appliance available for applications where required.
- UL label must be specified when needed.
- NFPA - Model TXD is suitable for National Fire Protection Association installations. Contact factory for required accessories.

Fan RPM performances may vary from actual current motor offerings for any given model. See price publications or software for current motor RPM offerings.





## OPTIONS/ACCESSORIES

**Solid State Speed Control:** S&P's solid state control is matched to allow smooth RPM variation and adjustment of airflow for system balancing. CFM is reduced in direct proportion to motor speed reduction. Speed controllers available for 115/1 or 230/1 operation. Exhauster performance can be controlled from the ventilated area.



**Roof Curb:** Prefabricated heavy-gauge galvanized steel, clip lock, 14" 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. Welded & custom curbs available.

**Motor Operated Damper:** Motor operated aluminum damper for positive closure against backdraft (Not for UL762 use).



**Automatic Damper:** Automatic aluminum damper for ease in installation and effective backdraft protection (Not for UL762 use).

**Grease Grabber:** Trap designed for fast and inexpensive replacement. Grease collects in a container for safe and sanitary disposal. Keeps roof clean with proper use.

**Wall Mount Kit:** Kit allows 6-15" fans to be wall mounted. Assembled as standard on all TXDW units, not available for not wall mount units. See current submittal for details.

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

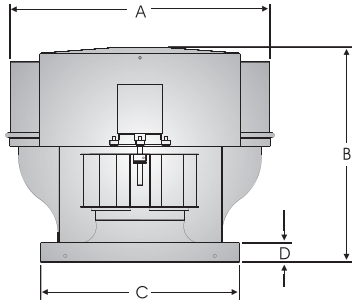
**Special Coatings:** Powered roof exhausters often require special coatings for protective and decorative purposes. Available coatings include: Synthetic Resin, Epoxy, and Heresite (air-dried phenolic). Contact your representative or the factory for more information on available coatings and colors.





# PERFORMANCE/DIMENSIONS

## TXD 6 AND 8



DAMPER OD	ROOF OPENING	CURB OD	A	B	C	D	FAN WT	SHIP WT
11	12	15	24	22	16-1/2	2	45	76

	CFM / BHP @ Static Pressure / Sones									Catalog Number	HP	RPM	Tip Speed
	0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1				
TXD 6	253	185	-	-	-	-	-	-	-	TXD-6SC	1/10	1110	2345
	.02/3.1	.02/2.4	-	-	-	-	-	-	-	TXD-6SC	1/10	1200	2535
	274	212	-	-	-	-	-	-	-	TXD-6SC	1/10	1290	2725
	.03/3.6	.03/3.0	-	-	-	-	-	-	-	TXD-6SC	1/10	1380	2915
	294	237	154	-	-	-	-	-	-	TXD-6SC	1/10	1470	3105
	.03/4.2	.03/3.7	.03/3.2	-	-	-	-	-	-	TXD-6SC	1/10	1560	3296
	315	262	193	-	-	-	-	-	-	TXD-6SC	1/10	1650	3486
	.04/4.9	.04/4.4	.04/3.9	-	-	-	-	-	-	TXD-6SC	1/10	1740	3676
	335	286	227	115	-	-	-	-	-	TXD-6SC	1/10	1795	3792
	.05/5.6	.05/5.1	.05/4.6	.05/4.4	-	-	-	-	-	TXD-6	1/10	1795	3792
356	310	258	179	-	-	-	-	-	TXD-6SC	1/10	1795	3792	
.06/6.3	.06/5.8	.06/5.3	.06/5.1	-	-	-	-	-	TXD-6SC	1/10	1795	3792	
377	334	286	220	-	-	-	-	-	TXD-6SC	1/10	1795	3792	
.07/7.0	.07/6.5	.07/6.0	.07/5.8	-	-	-	-	-	TXD-6SC	1/10	1795	3792	
397	357	312	256	168	-	-	-	-	TXD-6SC	1/10	1795	3792	
.08/7.8	.08/7.3	.08/6.8	.08/6.5	.08/6.3	-	-	-	-	TXD-6SC	1/10	1795	3792	
410	370	328	276	203	-	-	-	-	TXD-6	1/10	1795	3792	
.09/8.2	.09/7.7	.09/7.3	.09/6.9	.09/6.7	-	-	-	-	TXD-6	1/10	1795	3792	
TXD 8	533	302	-	-	-	-	-	-	-	TXD-8SC	1/4	680	1989
	.01/2.3	.01/1.2	-	-	-	-	-	-	-	TXD-8SC	1/4	770	2252
	604	420	-	-	-	-	-	-	-	TXD-8SC	1/4	860	2516
	.02/3.2	.02/2.2	-	-	-	-	-	-	-	TXD-8SC	1/4	950	2779
	674	525	-	-	-	-	-	-	-	TXD-8SC	1/4	1040	3042
	.03/4.1	.03/3.2	-	-	-	-	-	-	-	TXD-8SC	1/4	1130	3305
	745	616	407	-	-	-	-	-	-	TXD-8SC	1/4	1225	3583
	.03/5.0	.04/4.2	.04/3.2	-	-	-	-	-	-	TXD-8SC	1/4	1315	3846
	815	701	536	-	-	-	-	-	-	TXD-8SC	1/4	1405	4109
	.04/5.9	.05/5.2	.05/4.3	-	-	-	-	-	-	TXD-8SC	1/4	1495	4373
886	783	644	441	-	-	-	-	-	TXD-8SC	1/4	1585	4636	
.06/6.8	.06/6.2	.07/5.5	.06/4.5	-	-	-	-	-	TXD-8SC	1/4	1675	4899	
960	867	752	594	348	-	-	-	-	TXD-8SC	1/4	1740	5090	
.07/7.8	.08/7.2	.08/6.6	.08/5.7	.07/5.0	-	-	-	-	TXD-8SC	1/4	1740	5090	
1031	944	844	705	527	-	-	-	-	TXD-8SC	1/4	1740	5090	
.09/8.8	.10/8.2	.10/7.6	.10/6.9	.10/6.1	-	-	-	-	TXD-8SC	1/4	1740	5090	
1101	1021	930	814	673	468	-	-	-	TXD-8SC	1/4	1740	5090	
.11/9.9	.12/9.3	.12/8.7	.13/8.1	.13/7.3	.12/6.7	-	-	-	TXD-8SC	1/4	1740	5090	
1172	1097	1014	916	786	631	414	-	-	TXD-8SC	1/4	1740	5090	
.13/11.0	.14/10.4	.15/9.8	.15/9.2	.15/8.6	.15/7.9	.13/7.3	-	-	TXD-8SC	1/4	1740	5090	
1242	1172	1095	1008	895	772	600	361	-	TXD-8SC	1/4	1740	5090	
.16/12.1	.17/11.6	.17/11.0	.18/10.5	.18/9.9	.18/9.2	.17/8.6	.15/8.1	-	TXD-8SC	1/4	1740	5090	
1313	1247	1175	1096	1002	883	754	579	309	TXD-8SC	1/4	1740	5090	
.19/13.5	.19/12.8	.20/12.3	.21/11.8	.21/11.2	.22/10.6	.21/9.9	.20/9.4	.16/8.9	TXD-8SC	1/4	1740	5090	
1364	1300	1232	1158	1072	960	851	698	510	TXD-8	1/4	1740	5090	
.21/14.3	.22/13.8	.23/13.2	.23/12.7	.24/12.2	.24/11.6	.24/11.0	.23/10.4	.21/9.9	TXD-8	1/4	1740	5090	

Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings include the effects of birdscreen.  
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.  
**Base Unit - AMCA Seal does not apply to units with speed control (bolded).**  
SC RPM range capable with solid state speed control.  
Speed (RPM) shown is nominal. Performance is based on actual speed of test.



S&P Canada Ventilation Products, Inc., Div. of Soler & Palau Ventilation Group certifies that the Models TXD 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.



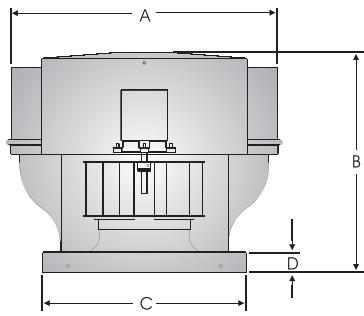
UL STANDARD 705 for Electrical  
UL STANDARD 762 for Grease Removal



**MODEL TXD**  
**DIRECT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER**



**TXD 10**



DAMPER OD	ROOF OPENING	CURB OD	A	B	C	D	FAN WT	SHIP WT
11	12	15	27-1/4	22	16-1/2	2	70	105

CFM / BHP @ Static Pressure / Sones										HP	RPM	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	Catalog Number			
580	357	-	-	-	-	-	-	-	TXD-102511SC	1/4	680	2122
.02/2.7	.02/3.0	-	-	-	-	-	-	-	TXD-102511SC	1/4	770	2402
656	468	139	-	-	-	-	-	-	TXD-102511SC	1/4	815	2543
.02/3.9	.03/4.2	.02/3.8	-	-	-	-	-	-	TXD-102511SC	1/4	860	2683
695	518	268	-	-	-	-	-	-	TXD-102511SC	1/4	905	2824
.03/4.5	.03/4.8	.03/4.5	-	-	-	-	-	-	TXD-102511SC	1/4	950	2964
733	567	354	-	-	-	-	-	-	TXD-102511SC	1/4	995	3104
.03/5.0	.04/5.4	.04/5.2	-	-	-	-	-	-	TXD-102511SC	1/4	1040	3245
772	615	426	-	-	-	-	-	-	TXD-102511SC	1/4	1085	3385
.04/5.6	.04/6.0	.04/6.0	-	-	-	-	-	-	TXD-102511SC	1/4	1130	3526
810	662	489	197	-	-	-	-	-	TXD-102511SC	1/4	1140	3557
.04/6.3	.05/6.7	.05/6.8	.04/6.3	-	-	-	-	-	TXD-102511SC	1/4	1185	3697
848	707	548	321	-	-	-	-	-	TXD-102511SC	1/4	1230	3838
.05/6.9	.05/7.4	.06/7.6	.05/7.1	-	-	-	-	-	TXD-102511SC	1/4	1320	4118
887	752	604	411	-	-	-	-	-	TXD-102511SC	1/4	1410	4399
.05/7.7	.06/8.1	.07/8.5	.06/8.0	-	-	-	-	-	TXD-102511SC	1/4	1500	4680
925	797	657	486	181	-	-	-	-	TXD-102511SC	1/4	1545	4820
.06/8.4	.07/9.0	.07/9.5	.07/9.0	.06/8.5	-	-	-	-	TXD-102511SC	1/4	1590	4961
963	840	708	553	326	-	-	-	-	TXD-102511SC	1/4	1635	5101
.07/9.1	.08/9.6	.08/10.1	.08/9.8	.08/9.3	-	-	-	-	<b>TXD-102511</b>	1/4	1650	5148
972	850	719	567	350	-	-	-	-	<b>TXD-102511</b>	1/4	1680	5242
.07/9.2	.08/9.7	.08/10.2	.09/9.9	.08/9.4	-	-	-	-	<b>TXD-1025</b>	1/4	1700	5304
1010	893	769	628	445	-	-	-	-	TXD-1025SC	1/4	1700	5304
.08/8.5	.09/7.8	.09/7.1	.10/6.2	.09/5.3	-	-	-	-	TXD-1025SC	1/4	1700	5304
1049	936	817	686	524	267	-	-	-	TXD-1025SC	1/4	1700	5304
.09/9.1	.10/8.3	.10/7.7	.11/6.8	.11/5.9	.09/5.2	-	-	-	TXD-1025SC	1/4	1700	5304
1125	1021	912	794	660	488	180	-	-	TXD-1025SC	1/4	1700	5304
.11/10.4	.12/9.6	.13/8.9	.13/8.1	.14/7.2	.13/6.5	.10/5.8	-	-	TXD-1025SC	1/4	1700	5304
1202	1105	1003	896	779	642	461	102	-	TXD-1025SC	1/4	1700	5304
.13/11.7	.14/10.9	.15/10.2	.16/9.5	.16/8.6	.16/7.8	.15/7.1	.10/6.5	-	TXD-1025SC	1/4	1700	5304
1279	1188	1093	994	888	771	631	444	-	TXD-1025SC	1/4	1700	5304
.16/13.0	.17/12.3	.18/11.6	.19/11.0	.20/10.1	.20/9.2	.19/8.5	.18/7.8	-	TXD-1025SC	1/4	1700	5304
1317	1230	1137	1042	941	830	703	544	298	TXD-1025SC	1/4	1700	5304
.18/13.7	.19/13.0	.20/12.3	.21/11.7	.22/10.8	.22/10.0	.21/9.2	.20/8.5	.17/7.9	TXD-1025SC	1/4	1700	5304
1356	1271	1181	1089	992	888	770	630	440	TXD-1025SC	1/4	1700	5304
.19/14.5	.20/13.7	.22/13.0	.22/12.4	.23/11.6	.23/10.8	.23/10.0	.23/9.2	.21/8.6	TXD-1025SC	1/4	1700	5304
1394	1312	1224	1135	1042	943	833	706	547	TXD-1025SC	1/4	1700	5304
.21/15.2	.22/14.5	.23/13.7	.24/13.1	.25/12.4	.25/11.6	.26/10.7	.25/10.0	.24/9.4	TXD-1025SC	1/4	1700	5304
1407	1325	1239	1151	1059	961	854	731	579	<b>TXD-1025</b>	1/4	1700	5304
.22/15.5	.23/14.7	.24/14.0	.25/13.3	.26/12.7	.26/11.8	.26/11.0	.26/10.3	.25/9.6	<b>TXD-1025</b>	1/4	1700	5304
1432	1353	1268	1181	1092	997	893	777	637	TXD-1033SC	1/3	1680	5242
.23/16.0	.24/15.2	.25/14.5	.26/13.8	.27/13.2	.27/12.3	.28/11.6	.28/10.8	.27/10.2	TXD-1033SC	1/3	1680	5242
1449	1371	1287	1201	1113	1020	919	807	674	<b>TXD-1033</b>	1/3	1700	5304
.24/16.3	.25/15.6	.26/14.9	.27/14.2	.28/13.5	.28/12.7	.29/11.9	.29/11.2	.28/10.5	<b>TXD-1033</b>	1/3	1700	5304

Performance certified is for installation type A - free inlet, free outlet.  
 Performance ratings include the effects of birdscreen.  
 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.  
**Base Unit - AMCA Seal does not apply to units with speed control (bolded).**  
 SC RPM range capable with solid state speed control.  
 Speed (RPM) shown is nominal. Performance is based on actual speed of test.



S&P Canada Ventilation Products, Inc., Div. of Soler & Palau Ventilation Group certifies that the Models TXD 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.



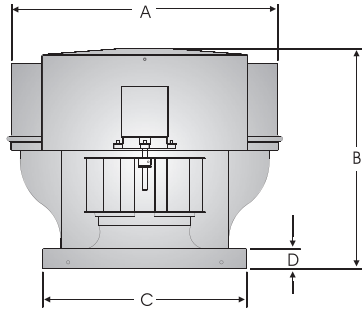
**UL STANDARD 705 for Electrical**  
**UL STANDARD 762 for Grease Removal**



**MODEL TXD**  
DIRECT DRIVE CENTRIFUGAL UPBLAST ROOF EXHAUSTER



**TXD 12**



DAMPER OD	ROOF OPENING	CURB OD	A	B	C	D	FAN WT	SHIP WT
18	19-1/4	22-1/4	31-1/2	23	24	2	80	115

CFM / BHP @ Static Pressure / Sones											HP	RPM	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number			
964 .03/4.3	712 .03/3.3	352 .03/2.5	-	-	-	-	-	-	-	TXD-1225SC	1/4	680	2519
1028 .03/4.9	797 .03/3.9	492 .04/3.1	-	-	-	-	-	-	-	TXD-1225SC	1/4	725	2686
1092 .04/5.5	881 .05/4.5	610 .05/3.7	-	-	-	-	-	-	-	TXD-1225SC	1/4	770	2853
1156 .05/6.2	962 .05/5.2	715 .06/4.4	-	-	-	-	-	-	-	TXD-1225SC	1/4	815	3020
1219 .06/6.8	1040 .06/5.9	809 .07/5.2	520 .06/4.6	-	-	-	-	-	-	TXD-1225SC	1/4	860	3186
1283 .07/7.4	1116 .07/6.5	897 .08/5.8	649 .08/5.1	-	-	-	-	-	-	TXD-1225SC	1/4	905	3353
1347 .08/7.9	1190 .08/7.0	985 .09/6.4	764 .09/5.7	455 .08/5.3	-	-	-	-	-	TXD-1225SC	1/4	950	3520
1411 .09/8.4	1262 .10/7.6	1071 .10/6.9	869 .10/6.4	607 .10/5.9	-	-	-	-	-	TXD-1225SC	1/4	995	3686
1475 .10/9.0	1332 .11/8.2	1155 .12/7.6	964 .12/7.0	736 .12/6.5	419 .10/6.5	-	-	-	-	TXD-1225SC	1/4	1040	3853
1538 .12/9.5	1402 .12/8.8	1239 .13/8.2	1053 .14/7.6	852 .14/7.1	590 .12/6.6	-	-	-	-	TXD-1225SC	1/4	1085	4020
1616 .13/10.3	1487 .14/9.6	1338 .15/9.1	1161 .16/8.5	983 .16/8.0	760 .15/7.4	462 .13/7.2	-	-	-	<b>TXD-1225</b>	1/4	1140	4224
1666 .15/10.8	1540 .16/10.2	1399 .16/9.7	1228 .17/9.1	1060 .17/8.5	855 .17/8.0	599 .15/7.8	-	-	-	TXD-1250SC	1/2	1175	4353
1794 .18/12.4	1676 .20/11.7	1553 .20/11.2	1399 .21/10.7	1240 .22/10.2	1078 .22/9.5	877 .21/9.0	632 .19/8.7	-	-	TXD-1250SC	1/2	1265	4687
1921 .22/14.0	1811 .24/13.3	1701 .25/12.8	1565 .25/12.3	1415 .26/11.8	1269 .26/11.2	1108 .26/10.7	916 .26/10.2	685 .23/9.8	-	TXD-1250SC	1/2	1355	5022
1985 .25/14.7	1878 .26/14.1	1773 .27/13.6	1645 .28/13.1	1501 .29/12.6	1359 .29/12.1	1213 .29/11.6	1038 .29/11.1	836 .27/10.7	-	TXD-1250SC	1/2	1400	5187
2049 .27/15.6	1945 .29/14.9	1844 .30/14.5	1724 .30/13.9	1586 .31/13.5	1446 .32/12.9	1310 .32/12.4	1152 .32/12.0	969 .31/11.5	-	TXD-1250SC	1/2	1445	5354
2113 .30/16.5	2011 .32/15.8	1914 .32/15.3	1802 .33/14.9	1670 .34/14.3	1534 .35/13.8	1402 .35/13.3	1259 .35/12.8	1092 .35/12.4	673 .30/11.8	TXD-1250SC	1/2	1490	5520
2177 .33/17.3	2078 .34/16.7	1984 .35/16.2	1878 .36/16.7	1753 .37/15.3	1620 .37/15.3	1491 .38/14.2	1361 .38/13.7	1207 .38/13.3	837 .35/12.7	TXD-1250SC	1/2	1535	5687
2240 .36/18.2	2144 .37/17.5	2053 .38/17.1	1953 .39/16.6	1834 .40/16.2	1706 .41/15.8	1578 .42/15.3	1455 .42/14.7	1316 .42/14.2	980 .40/13.4	TXD-1250SC	1/2	1580	5854
2304 .39/19.1	2210 .41/18.4	2122 .42/17.9	2027 .42/17.5	1915 .43/17.1	1791 .44/16.6	1666 .45/16.2	1545 .46/15.7	1419 .46/15.3	1110 .45/14.3	TXD-1250SC	1/2	1625	6021
2410 .44/21	2320 .46/19.9	2236 .48/19.5	2148 .48/19.0	2045 .49/18.6	1930 .50/18.2	1810 .51/17.7	1692 .52/17.2	1577 .52/16.8	1308 .52/16.0	TXD-1250SC	1/2	1700	6299
2453 .47/21	2364 .49/21	2281 .50/20	2196 .51/19.6	2097 .52/19.2	1985 .53/18.7	1867 .54/18.3	1751 .55/17.8	1638 .55/17.4	1384 .55/16.6	<b>TXD-1250</b>	1/2	1730	6410

Performance certified is for installation type A - free inlet, free outlet.  
Performance ratings include the effects of birdscreen.  
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**Base Unit - AMCA Seal does not apply to units with speed control (bolded).**  
SC RPM range capable with solid state speed control.  
Speed (RPM) shown is nominal. Performance is based on actual speed of test.



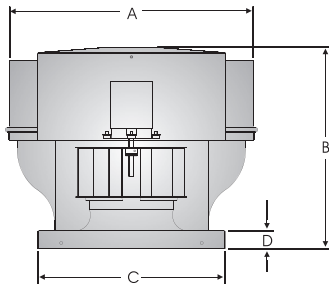
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**UL STANDARD 705 for Electrical**  
**UL STANDARD 762 for Grease Removal**



**TXD 14 AND 15**



DAMPER OD	ROOF OPENING	CURB OD	A	B	C	D	FAN WT	SHIP WT
18	19-1/4	22-1/4	31-1/2	23	24	2	85	120

**TXD 14**

**TXD 15**

CFM / BHP @ Static Pressure / Sones											HP	RPM	Tip Speed
0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	Catalog Number			
983 .04/3.6	680 .05/3.1	338 .04/1.6	-	-	-	-	-	-	-	TXD-1425SC	1/4	650	2514
1058 .05/4.4	784 .06/3.9	461 .06/3.6	-	-	-	-	-	-	-	TXD-1425SC	1/4	700	2707
1134 .06/5.2	884 .07/4.7	580 .07/4.4	298 .10/4.2	-	-	-	-	-	-	TXD-1425SC	1/4	750	2901
1210 .07/5.9	980 .08/5.3	697 .09/5.1	424 .10/4.8	-	-	-	-	-	-	TXD-1425SC	1/4	800	3094
1285 .09/6.5	1073 .10/6.1	810 .10/5.9	547 .10/5.6	303 .08/5.4	-	-	-	-	-	TXD-1425SC	1/4	850	3287
1361 .10/7.3	1164 .11/6.8	920 .12/6.6	667 .10/6.4	430 .11/6.1	-	-	-	-	-	TXD-1425SC	1/4	900	3481
1436 .12/8.1	1253 .13/7.7	1026 .14/7.4	784 .10/7.2	554 .13/6.9	338 .11/6.9	-	-	-	-	TXD-1425SC	1/4	950	3674
1512 .14/8.9	1340 .15/8.5	1129 .16/8.2	900 .20/8.1	676 .16/7.8	466 .14/7.6	262 .10/7.6	-	-	-	TXD-1425SC	1/4	1000	3868
1918 .11/7.6	1702 .12/6.8	1414 .13/6.0	1065 .13/6.0	-	-	-	-	-	-	TXD-1550SC	1/2	795	3359
2135 .15/9.0	1948 .17/8.2	1710 .18/7.5	1406 .18/7.1	1087 .17/7.5	-	-	-	-	-	TXD-1550SC	1/2	885	3739
2352 .20/10.5	2188 .22/9.8	1983 .23/9.1	1736 .24/8.6	1444 .24/8.6	1145 .23/9.5	-	-	-	-	TXD-1550SC	1/2	975	4119
2461 .23/11.3	2305 .25/10.6	2114 .26/9.9	1888 .27/9.4	1616 .28/9.1	1349 .27/10.0	981 .24/11.2	-	-	-	TXD-1550SC	1/2	1020	4310
2569 .26/12.1	2422 .28/11.4	2241 .30/10.8	2034 .31/10.2	1787 .32/9.7	1522 .31/10.6	1239 .30/11.7	777 .24/13.1	-	-	TXD-1550SC	1/2	1065	4500
2786 .33/13.9	2653 .36/13.2	2491 .38/12.6	2313 .39/12.0	2104 .40/11.5	1863 .41/11.8	1623 .40/12.9	1362 .38/14.2	969 .33/15.7	-	<b>TXD-1550</b>	1/2	1155	4880
3443 1.30/31	3372 1.31/30	3299 1.31/29	3222 1.32/29	3141 1.33/28	3055 1.33/27	2964 1.34/26	2866 1.33/26	2758 1.33/26	2508 1.30/25	TXD1515	1-1/2	1760	7055

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 Performance ratings include the effects of birdscreen.  
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**Base Unit - AMCA Seal does not apply to units with speed control (bolded).**  
 SC RPM range capable with solid state speed control.  
 Speed (RPM) shown is nominal. Performance is based on actual speed of test.



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# MODEL CWD

## DIRECT DRIVE CENTRIFUGAL SIDEWALL EXHAUSTER



### MODEL FEATURES

- Exhaust air up to 3,360 CFM in high static pressure applications up to 1" w.g.
- Attractive spun aluminum exterior
- Direct drive units have low sound levels and quiet operation
- Non-overloading backward inclined wheel for efficiency at higher static pressures
- AMCA Air and Sound Licensed
- UL 705 Listed

### MODEL OVERVIEW

Model CWD direct drive fans are designed to exhaust air up to 3,360 CFM in high static pressure applications to 1". The spun aluminum exterior provides a pleasing appearance, weatherproof construction and resistance to corrosion. The low silhouette design is less noticeable on the building exterior and the removable dome provides easy access to the fan interior for service and cleaning. The non-overloading backward inclined centrifugal wheel with its high static pressure capability, makes it suitable for either ducted or nonducted applications. It should be used where a sidewall mounted location is preferred to roof mounting. Direct drive units use smaller diameter wheels with lower rpm's, resulting in low sound levels and quiet operation. They have no belts or fan bearings to maintain or adjust and consequently require very little maintenance.

CWDs are used to exhaust relatively clean air from a variety of industrial, commercial and institutional buildings such as machinery and equipment rooms, storage areas, office buildings, restaurants, retail stores, schools and similar buildings.

### CONSTRUCTION FEATURES AND OPTIONS

**Spun Aluminum Shell**  
Maximum weather protection.

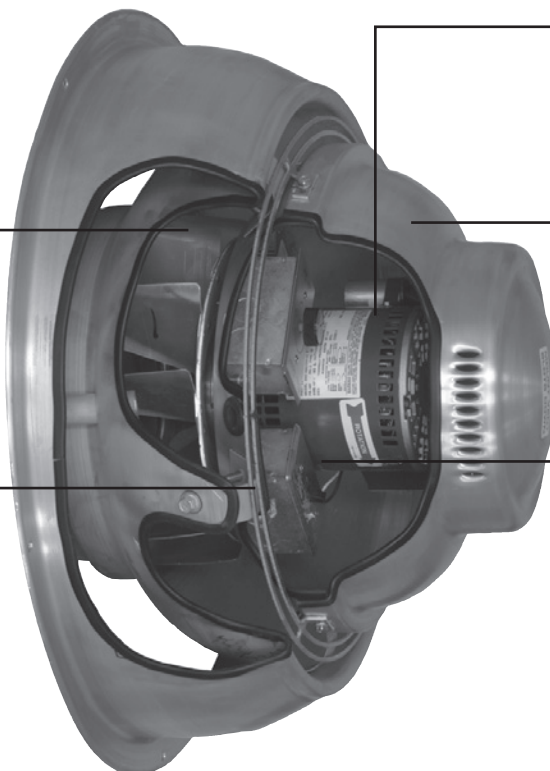
**Centrifugal Wheel**  
Non-overloading, backward inclined blades for maximum efficiency.

**Duct Connection**  
At wheel inlet.

**Aluminum Birdscreen**  
(optional)  
Protection from birds and other objects

**Factory Run & Tested**  
Assures dependable operation

**AMCA Seal**  
Assures rating of Sound and Air performance



**Motor**  
Open drip-proof standard and speed controllable.

**Spun Aluminum Dome**  
Provides compartment for out-of-airstream motor location.

**Disconnect**  
Standard with ODP single speed motors.

**UL Label**  
For electrical reliability

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

All specifications are subject to change without notice unless approved in submittal by Soler & Palau.



## **CONSTRUCTION/SPECIFICATION CHECKLIST**

### **Housing**

- Integral spun inlet for efficient performance.
- Spun aluminum dome for weather protection and attractive appearance.
- Motor support of heavy-gauge aluminum for rigidity and strength.
- Ventilated motor compartment with motor out of air stream for long trouble-free service.
- Dome easily removes for access to motor compartment.
- Water-tight construction.
- Duct connection provided at wheel inlet.

### **Centrifugal Wheel**

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

### **Motors**

- Speed controllable motors available on most models.
- Brands are nationally recognized and locally serviced.
- Single speed open drip-proof are standard.
- Two speed drip-proof and single speed explosion-proof motors are available for most models.
- Disconnect switch standard with single speed drip-proof motors.

### **AMCA Seal**

- Models CWD are licensed for Air and Sound Performance.

### **UL Label**

- UL 705 available when specified.





## **OPTIONS/ACCESSORIES**

**Solid State Speed Control:** Available with direct drive models. Control is matched to the motor and blower wheel to allow reduction in performance from full motor speed to 60% of full speed. CFM is reduced in direct proportion to motor speed reduction. Exhauster performance can be controlled from the ventilated area.



**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:** 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.



PERFORMANCE/DIMENSIONS

SIZES 7, 8 & 9

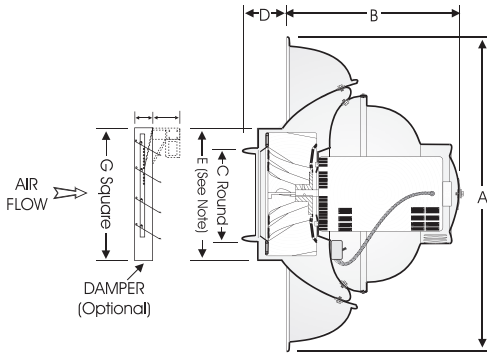


Table with 8 columns: Size, A, B, C, D, E, G, Avg. Ship Wt. (lbs.). Rows for sizes 7, 8, and 9.

Main performance table with columns for CFM / BHP @ Static Pressure / Sones (0, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1), Catalog Number, HP, RPM, and Tip Speed. Rows are grouped by model CWD 7, CWD 8, and CWD 9.

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. \* Base Unit- AMCA Seal for Sound Rating does not apply to units with speed control. S RPM range capable with solid state speed control. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Note: For round duct connection directly to unit without damper, cut a circular hole equal to dimension E above.



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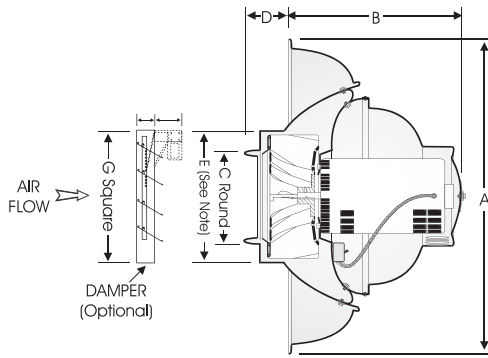
UL STANDARD 705



**MODEL CWD**  
**DIRECT DRIVE CENTRIFUGAL SIDEWALL EXHAUSTER**



**SIZES 10 & 11**



Size	A	B	C	D	E	G	Avg. Ship Wt. (lbs.)
10	26	13-1/2	11-15/16	3	15	14	37
11	30	15-1/2	13-15/16	3	17-1/2	14	50

**CWD 10**

	CFM / BHP @ Static Pressure / Sones									Catalog Number	HP	RPM	Tip Speed
	0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1				
629	326	-	-	-	-	-	-	-	-	101A S	1/4	685	2093
.04/3.0	.03/2.6	-	-	-	-	-	-	-	-	101A S	1/4	800	2444
734	474	224	-	-	-	-	-	-	-	101A S	1/4	900	2750
.05/4.2	.04/3.7	.04/3.6	-	-	-	-	-	-	-	101A S	1/4	1020	3116
826	618	369	142	-	-	-	-	-	-	101A S	1/4	1140	3483
.07/5.3	.07/4.9	.05/4.7	.05/4.6	-	-	-	-	-	-	101A S	1/4	1200	3666
936	773	527	335	128	-	-	-	-	-	101A S	1/4	1375	4201
.10/6.7	.10/6.3	.08/6.1	.07/6.0	.06/6.0	-	-	-	-	-	101A S	1/4	1575	4812
1046	903	682	503	329	143	-	-	-	-	101A *	1/4	1725	5269
.14/8.1	.13/7.7	.11/7.5	.10/7.4	.09/7.4	.08/7.3	-	-	-	-	100A S	1/3	1030	3147
950	794	540	357	173	-	-	-	-	-	100A S	1/3	1200	3666
.10/7.5	.09/7.2	.08/6.5	.07/5.7	.06/5.4	-	-	-	-	-	100A S	1/3	1375	4201
1107	976	777	581	427	274	-	-	-	-	100A S	1/3	1575	4812
.15/9.7	.15/9.3	.12/9.0	.11/8.2	.10/7.5	.09/6.8	-	-	-	-	100A S	1/3	1725	5269
1268	1155	1028	813	657	523	391	250	-	-	100A S	1/3	2291	2600
.23/12.2	.22/12.0	.20/11.8	.18/11.3	.16/10.5	.15/9.7	.14/9.1	.13/9.0	-	-	100A S	1/3	2925	3315
1453	1355	1252	1118	921	785	663	548	433	-	100A *	1/3	3705	3348
.33/15.6	.33/15.4	.32/15.3	.30/15.2	.26/14.7	.24/13.8	.23/13.0	.21/12.3	.20/11.6	-	100A50*	1/2	3900	4306
1591	1502	1409	1308	1144	981	859	748	642	-	100A50*	1/2	4713	5200
.45/18.1	.44/18.0	.43/17.9	.42/17.8	.38/17.7	.34/17.0	.32/16.2	.31/15.6	.29/14.9	-	111A S	1/4	705	2291

**CWD 11**

810	525	240	-	-	-	-	-	-	-	111A S	1/4	800	2600
.06/3.9	.05/3.3	.04/3.1	-	-	-	-	-	-	-	111A S	1/4	900	2925
919	684	410	164	-	-	-	-	-	-	111A S	1/4	1020	3315
.08/5.3	.07/4.6	.06/4.5	.06/4.3	-	-	-	-	-	-	111A S	1/4	1140	3705
1034	837	579	362	134	-	-	-	-	-	111A S	1/4	1200	3900
.11/6.5	.11/6.0	.09/5.7	.08/5.6	.08/5.4	-	-	-	-	-	111A S	1/4	1325	4306
1171	1019	783	571	382	183	-	-	-	-	111A S	1/4	1450	4713
.16/8.1	.15/7.5	.14/7.2	.13/7.1	.11/7.0	.11/6.9	-	-	-	-	111A *	1/4	1600	5200
1309	1182	981	772	595	427	251	-	-	-	111A *	1/4	1725	5269
.24/9.7	.23/9.2	.21/8.7	.19/8.6	.17/8.6	.16/8.5	.15/8.4	-	-	-	110A S	1/2	1030	3348
1162	1010	813	620	439	-	-	-	-	-	110A S	1/2	1200	3900
.14/9.1	.13/8.6	.12/7.8	.11/6.9	.08/6.6	-	-	-	-	-	110A S	1/2	1325	4306
1354	1243	1069	900	733	577	-	-	-	-	110A S	1/2	1450	4713
.22/11.6	.21/11.1	.19/10.6	.18/9.6	.17/8.7	.15/8.6	-	-	-	-	110A S	1/2	1600	5200
1495	1405	1245	1095	941	792	651	-	-	-	110A S	1/2	1725	5269
.29/13.5	.28/13.1	.26/12.6	.25/11.8	.23/11.0	.22/10.9	.20/10.8	-	-	-	110A S	1/2	1900	5600
1636	1560	1419	1281	1140	1001	865	736	-	-	110A S	1/2	2000	6000
.38/15.6	.37/15.2	.35/14.8	.33/14.4	.32/13.5	.30/12.6	.29/11.8	.28/11.6	-	-	110A S	1/2	2100	6400
1805	1741	1624	1493	1370	1242	1116	991	873	-	110A *	1/2	2200	6800
.50/18.4	.49/18.0	.48/17.7	.45/17.3	.44/16.8	.42/15.9	.39/15.0	.38/14.4	.36/13.6	-	110A *	1/2	2300	7200

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.

\* Base Unit- AMCA Seal for Sound Rating does not apply to units with speed control.

S RPM range capable with solid state speed control.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Note: For round duct connection directly to unit without damper, cut a circular hole equal to dimension E above.



S&P, Div. of Soler & Palau Ventilation Group, certifies that the Models CWD 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.

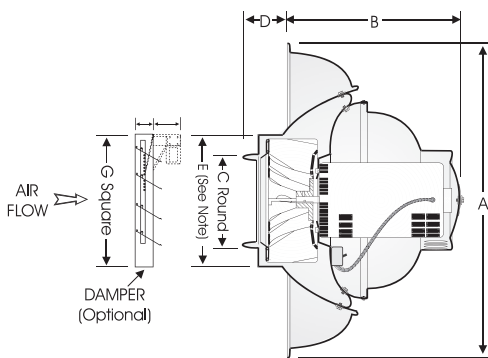




# MODEL CWD

## DIRECT DRIVE CENTRIFUGAL SIDEWALL EXHAUSTER

### SIZES 12, 14 & 16



Size	A	B	C	D	E	G	Avg. Ship Wt. (lbs.)
12	30	15-1/2	13-15/16	3	17-1/2	14	50
14	36	16-1/2	17-15/16	4	22	18	84
16	36	16-1/2	17-15/16	4	22	18	84

	CFM / BHP @ Static Pressure / Sones									Catalog Number	HP	RPM	Tip Speed
	0	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1				
<b>CWD 12</b>	986 .07/5.4	670 .06/3.6	365 .05/3.1	-	-	-	-	-	-	121A S	1/4	685	2471
	1152 .12/6.9	885 .10/5.4	621 .09/4.1	348 .08/4.5	-	-	-	-	-	121A S	1/4	800	2886
	1296 .15/8.5	1058 .13/7.0	816 .12/5.8	589 .11/5.3	340 .10/5.8	-	-	-	-	121A S	1/4	900	3247
	1439 .21/10.2	1227 .20/8.7	1007 .17/7.4	801 .15/6.5	591 .13/6.5	363 .13/7.0	-	-	-	121A S	1/4	1000	3608
	1583 .26/12.0	1393 .25/10.6	1195 .24/9.2	995 .22/8.3	813 .20/7.4	618 .18/7.8	410 .18/8.3	193 .17/8.8	-	121A *	1/4	1100	3968
	1640 .14/7.0	1382 .12/6.7	913 .10/6.2	498 .09/5.5	-	-	-	-	-	141A S	1/2	685	2939
<b>CWD 14</b>	1915 .21/9.2	1714 .20/8.8	1366 .18/8.4	971 .15/7.6	614 .14/6.8	-	-	-	-	141A S	1/2	800	3432
	2154 .30/11.4	1987 .29/11.0	1730 .27/10.7	1346 .25/10.1	1028 .22/9.5	711 .21/8.8	390 .20/8.7	-	-	141A S	1/2	900	3861
	2394 .41/13.7	2249 .40/13.4	2049 .38/13.1	1749 .35/12.8	1407 .32/12.3	1124 .28/11.7	839 .27/11.2	551 .26/10.7	-	141A S	1/2	1000	4290
	2585 .50/15.9	2454 .49/15.7	2281 .47/15.3	2040 .44/15.0	1722 .41/14.7	1433 .38/14.2	1170 .36/13.8	906 .34/13.3	670 .33/12.9	141A *	1/2	1080	4633
<b>CWD 16</b>	3360 .75/19.2	3158 .73/18.3	2937 .72/17.4	2669 .68/16.5	2349 .63/15.7	2005 .58/14.6	1692 .54/13.5	1364 .49/12.4	1032 .44/11.6	161A *	3/4	1140	4835

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.

\* Base Unit- AMCA Seal for Sound Rating does not apply to units with speed control. S RPM range capable with solid state speed control.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Note: For round duct connection directly to unit without damper, cut a circular hole equal to dimension E above.

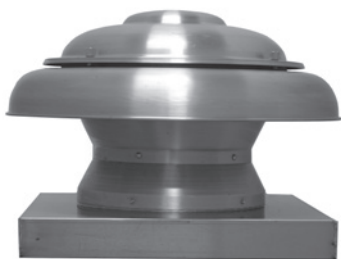


S&P Div. of Soler & Palau Ventilation Group, certifies that the Models CWD shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified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



# MODELS ARE & ARS

## DOME AXIAL POWER ROOF VENTILATORS (EXHAUST/SUPPLY)



### MODEL FEATURES

- Exhaust air up to 3,100 CFM in static pressure applications up to 3/4" w.g.
- Low profile attractive spun aluminum exterior
- Direct drive units have low sound levels and quiet operation
- AMCA Air & Sound Licensed
- UL 705 Listed

### CONSTRUCTION OPTIONS

MODEL NAME	DESCRIPTION
ARE	Dome Axial Power Roof Exhaust Fan
ARS	Dome Axial Power Roof Supply Fan

### MODEL OVERVIEW

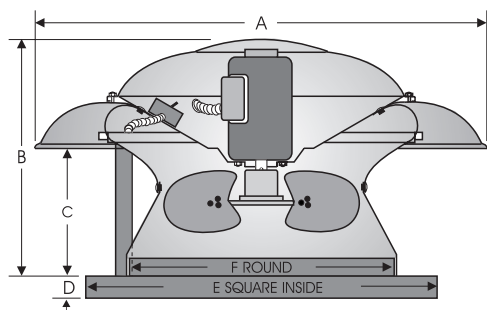
The AR series offers powerful axial intake (ARS) or exhaust (ARE) performance in a roof mount design that is compact, lightweight and easy to install. Available in 4 sizes with a CFM range from 268 to over 3,100 CFM to 3/4" static pressure.

The direct drive design has no belts or fan bearings to maintain or adjust and consequently requires very little maintenance. The AR series is an excellent choice for factories, shops, restaurants, bathrooms, offices, schools and other similar applications where light to moderate static pressures are present. Equipped with explosion-proof motors, the AR series can be used in more severe applications. (Caution should be used to safely match the motor capabilities with the specific hazardous environment).

The low contour designs and all aluminum housing provides a modern, clean appearance in addition to excellent performance and durability.

**1 year fan housing warranty, 1 year motor warranty**

### DIMENSIONS



Size	Dimensions (Inches)						Avg. Ship weight (lbs.)
	A	B	C	D	E	F	
100A	21	13	7	2	20	13-3/4	25
120A-121A	28	16	8	3	24	15-3/4	42
160A-161A	32	18	8-1/2	3	28	19-3/4	55
201A	36	20	9-3/4	3	32	23-3/4	75

All specifications are subject to change without notice unless approved in submittal by Soler & Palau Canada.



## CONSTRUCTION/SPECIFICATION CHECKLIST

### **Housing**

- Heavy-gauge all aluminum housing.
- Exclusive U-Spring suspension compensates for both radial and lateral movement and provides 44% better vibration isolation than rubber isolators.
- External wiring chase for easy connection.
- High point of discharge with low silhouette design.
- Quick access to motor compartment for easy maintenance.

### **Propellers**

- Attaches directly to fan shaft for maximum efficiency.
- Precision pitched. Heavy-gauge aluminum blades with steel hub. Blades are designed for specific exhaust or supply requirements.

### **Motors**

- Standard motors are single speed, speed controllable and drip-proof.
- All motors are rated for continuous duty.
- Disconnect is standard on ODP motors (except two speed and explosion proof).
- Motors are shipped assembled with factory test run assurance.

### **Certifications**

- UL-705 listing available as an option with with standard motors.
- AMCA Air & Sound Licensed

## OPTIONS/ACCESSORIES

**Solid State Speed Control:** S&P's solid state control is matched to allow smooth RPM variation and adjustment of airflow for system balancing. CFM is reduced in direct proportion to motor speed reduction. Speed controllers available for 115/1 or 230/1 operation. Fan performance can be controlled from the ventilated area.



**Roof Curb:** Prefabricated heavy-gauge galvanized steel, clip lock, 14" high (other heights are also available) with 1-1/2" wood nailer. Assures perfect fit of fan to roof opening. Options include burglar bars, single or double pitch construction and hinged curbs for easy duct access. Welded & custom curbs available.

**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.

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

**Insect Screen:** Helps prevent insects, snow, airborne mist or water droplets from entering.

**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.





**PERFORMANCE**

**Model ARE (Exhaust)**

CFM / BHP @ Static Pressure / Sones														Catalog Number	HP	RPM											
0	1/10		1/8		1/4		3/8		1/2		5/8		3/4														
336	0.13	1.6	167	0.15	2.8	147	0.15	2.8	22	0.16	3.4	-	-	-	-	-	-	ARE 100A S	1/15	930							
445	0.11	3.0	299	0.14	4.1	270	0.14	4.9	175	0.15	4.9	81	0.15	5.3	-	-	-	ARE 100A S	1/15	1230							
561	0.11	5.0	463	0.10	5.2	425	0.13	5.3	298	0.14	7.3	228	0.14	7.3	165	0.15	7.5	85	0.15	7.9	-	-	-	ARE 100A *	1/15	1550	
713	0.09	2.1	363	0.12	2.9	297	0.13	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ARE 121A S	1/4	685
979	0.10	4.1	787	0.10	4.6	697	0.10	4.8	381	0.12	6.4	163	0.13	8.6	-	-	-	-	-	-	-	-	-	-	ARE 121A S	1/4	940
1187	0.08	5.9	1056	0.09	6.2	1007	0.09	6.3	657	0.10	7.5	453	0.12	8.9	269	0.14	10.7	102	0.15	13.0	-	-	-	-	ARE 121A *	1/4	1140
1077	0.22	4.6	931	0.23	5.2	868	0.23	5.3	513	0.27	6.8	318	0.29	8.8	143	0.30	11.7	-	-	-	-	-	-	-	ARE 120A S	1/4	1030
1438	0.22	7.6	1344	0.22	8.1	1316	0.22	8.2	1095	0.22	8.8	799	0.24	9.9	612	0.26	11.5	470	0.27	13.3	342	0.29	15.4	-	ARE 120A S	1/4	1375
1804	0.19	11.2	1728	0.21	11.6	1708	0.21	11.7	1596	0.22	12.3	1410	0.23	12.8	1154	0.23	13.5	931	0.24	14.8	781	0.26	16.1	-	ARE 120A *	1/4	1725
1047	0.14	2.8	661	0.16	4.1	564	0.16	4.1	253	0.18	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	ARE 161A S	1/4	685
1436	0.18	5.4	1208	0.18	5.4	1126	0.18	5.9	738	0.18	7.3	496	0.17	7.4	305	0.17	8.5	122	0.18	10.4	-	-	-	-	ARE 161A S	1/4	940
1742	0.11	7.5	1572	0.12	6.9	1518	0.13	7.1	1173	0.14	9.9	881	0.15	9.9	674	0.17	9.9	498	0.18	10.4	327	0.19	11.4	-	ARE 161A *	1/4	1140
1551	0.34	5.3	1357	0.36	4.9	1287	0.36	5.0	899	0.38	8.7	648	0.40	16.7	460	0.41	32	-	-	-	-	-	-	-	ARE 160A S	1/3	1030
2071	0.32	8.4	1940	0.33	7.9	1903	0.33	7.8	1655	0.34	8.6	1345	0.36	11.5	1104	0.37	16.5	920	0.38	24	767	0.39	36	-	ARE 160A S	1/3	1375
2598	0.25	12.1	2495	0.28	11.5	2470	0.29	11.4	2301	0.31	11.4	2111	0.34	12.6	1824	0.36	14.7	1539	0.38	17.7	1334	0.39	22	-	ARE 160A *	1/3	1725
1781	0.25	5.8	1372	0.28	5.4	1248	0.28	5.9	704	0.30	6.4	317	0.31	7.1	-	-	-	-	-	-	-	-	-	-	ARE 201A S	1/4	685
2444	0.24	9.8	2183	0.25	9.2	2110	0.25	9.1	1656	0.26	10.2	1222	0.28	10.9	893	0.29	11.0	606	0.30	11.9	348	0.31	12.9	-	ARE 201A S	1/4	940
2855	0.26	13.4	2617	0.29	12.9	2546	0.29	12.7	2183	0.31	12.4	1780	0.33	14.2	1417	0.35	15.0	1126	0.38	15.0	865	0.42	15.1	-	ARE 201A *	1/4	1140

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

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.

\* Base Unit – Speed (RPM) shown is nominal. AMCA Seal does not apply to units with speed control.

\* - As run speed.

S - Requires speed control.

**Model ARS (Supply)**

CFM / BHP @ Static Pressure / Sones														Catalog Number	HP	RPM											
0	1/10		1/8		1/4		3/8		1/2		5/8		3/4														
454	0.14	4.8	308	0.15	5.0	271	0.15	5.0	71	0.17	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 100A S	1/15	1230
513	0.13	6.1	384	0.14	6.2	352	0.14	6.2	182	0.16	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 100A S	1/15	1390
572	0.13	7.7	457	0.14	7.5	428	0.14	7.6	280	0.15	7.9	119	0.16	8.7	-	-	-	-	-	-	-	-	-	-	ARS 100A *	1/15	1550
678	0.08	4.5	379	0.09	4.3	308	0.09	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 121A S	1/4	820
777	0.07	5.8	526	0.08	5.6	452	0.09	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 121A S	1/4	940
942	0.06	8.0	760	0.07	7.8	695	0.07	7.9	412	0.09	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 121A *	1/4	1140
853	0.18	7.1	653	0.21	7.3	576	0.21	7.4	283	0.24	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 120A S	1/4	1030
1138	0.17	11.8	1020	0.17	10.8	979	0.17	11.1	709	0.20	11.8	487	0.22	11.3	287	0.24	11.2	-	-	-	-	-	-	-	ARS 120A S	1/4	1375
1428	0.15	16.4	1341	0.16	15.7	1316	0.16	15.6	1146	0.17	16.4	921	0.18	16.9	728	0.20	16.1	565	0.23	15.8	260	0.26	15.6	-	ARS 120A *	1/4	1725
1253	0.15	7.8	1000	0.17	7.2	916	0.18	7.7	552	0.20	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 161A S	1/4	820
1436	0.15	9.8	1233	0.16	9.1	1164	0.16	9.1	817	0.18	9.8	526	0.20	10.0	-	-	-	-	-	-	-	-	-	-	ARS 161A S	1/4	940
1742	0.15	13.7	1589	0.15	13.1	1541	0.16	12.9	1253	0.17	14.0	976	0.19	13.9	691	0.21	14.0	-	-	-	-	-	-	-	ARS 161A *	1/4	1140
1289	0.29	9.2	1013	0.33	8.8	944	0.33	8.9	655	0.36	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 160A S	1/3	1030
1720	0.25	15.5	1574	0.26	14.3	1493	0.27	14.1	1205	0.31	14.6	965	0.33	15.4	807	0.35	17.0	-	-	-	-	-	-	-	ARS 160A S	1/3	1375
2158	0.21	23	2070	0.23	21	2036	0.23	21	1753	0.25	20	1542	0.27	21	1333	0.30	22	1148	0.33	22	918	0.37	24	-	ARS 160A *	1/3	1725
1631	0.24	7.9	1150	0.26	7.1	1018	0.26	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ARS 201A S	1/4	685
2239	0.21	13.3	1907	0.23	12.7	1816	0.23	12.6	1341	0.25	11.7	809	0.27	13.9	-	-	-	-	-	-	-	-	-	-	ARS 201A S	1/4	940
2654	0.23	18.2	2370	0.24	17.7	2282	0.25	17.6	1843	0.27	16.8	1359	0.30	16.1	-	-	-	-	-	-	-	-	-	-	ARS 201A *	1/4	1140

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

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.

\* Base Unit – Speed (RPM) shown is nominal. AMCA Seal does not apply to units with speed control.

\* - As run speed.

S - Requires speed control.



**Standard 705**  
(Optional)



S&P Canada Ventilation Products, Inc., Div. of Soler & Palau Ventilation Group, certifies that the Models ARE and ARS 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.



# COMPETITOR CROSS REFERENCE

S&P	Description		Coolair	Cook	Twin City	Penn	Acme	Carnes	Green-heck	Fantech	Canarm/Delhi
DB	R/T Down Blast Exhaust Centrif.	BD	CRBCA	ACEB	BCDR	DXB/KB/JB/MB	PV/PNN	VEBK	GB	BDD/ABE	BDCR/CBR
LPD & RED	R/T Down Blast Exhaust Centrif.	DD	CRDA	ACED	DCRD	DX	PRN	VEDK	G	REC/DDD	DR-H/300/CDR
TXB	R/T Up Blast Exhaust Centrif.	BD	UBCA	ACRUB	BCRU	FXB/FMX	PNU/PU	VUBK	CUBE	BDU	CDU / CBU
TXB UL762	R/T Up Blast Exhaust Centrif.	BD	CUBA	VCR	BCRUR	FXBFT/FMBFT	PNU-RG	VRBK	CUBE	BDU	BDU/CBUHP
TXD	R/T Up Blast Exhaust Centrif.	DD	UDCA	ACRUD	DCRU/ R	FX/FMX	PDU	VUDK	CUE	DDU	DU-H / CDU
CWD	Sidewall Exhaust Centrif.	DD	CWDA	ACWD	TCWX	WX/WA/WB	PW	VWDK	GW	--	--
V-FAN	Ceiling fans less .3 sones	DD	--	--	--	--	--	--	--	--	--
FF/FFC	Ceiling Cabinet fans	DD	CF/CFL	GC-GN	T/TL	ZEPHER-Z	V/VQ/VQL	VCDD	SP/CSP	CEV/IEV	--
KSF	R/T Filtered fresh air supply fan	DD	CFS/SIS	KSPB	BCFS	MU/FS	AFSI	VSBB	KSU/RSF	FSU	SIS / SBAR
ARE / ARS	R/T Dome Exhaust/Supply Axial.	DD	SASD/SAED	AQD	--	DAE	LQ	LEDA	AIS	ADE /ADS	--
S	Direct drive shutter fan	DD	CDP/WS	--	--	P	--	--	--	SHE	SD/ AX/ S
GED / GSD	Sidewall Exhaust/Supply Prop.	DD	CDC	APD	TCPE	P	FQ/FN	LTDK/LZDK	SE1/SS1	VLD	P
LCE / LCS	Sidewall Exhaust/Supply Prop.	BD	CAB/CBL	XLM/SWB	WPMD	BLL/BFM/BBK	DC/DCK	LWBA/LWBK	SBE/S 1&2	SDE	DDS / ADD
L2E / L2S	HD Sidewall Exhaust/Supply Prop.	BD	CAL	XL/XM/AWB/HWB	TCWPX *	BFM/BFH/BCH	DCK/DCH	LABA	SBE/SBC	MDE	XB / HV
SQB	Square Inline Duct Fan Centrif.	BD	SQBA	SQNB -B/ SQI-B	BSI	SXB	XB	VIBK	BSQ	--	DSQ-B
SQD	Square Inline Duct Fan Centrif.	DD	SQDA	SQND -D/ SQI-D	DSI	SX	XD	VIDK	SQ	FSD	DSQ-D
UBS	R/T Upblast Exhaust Propeller	DB	J/JT	LXU/LEU/LSU	LPRVX	HS/HZ	UBG	LUBA	PUB/RBU	BLT	RB
HREB-C	R/T Hooded Exhaust Propeller	BD	PEB	HXE/HEE	LPHD/B	AF/AC	EC/ECH	LTBA	RBE/RBCE	RHE	PRE
UBSRD-HT	R/T Upblast Exh. H. Temp Prop.	BD	HS	SUBH	UBT/TUB	HX	UBH-UF	LQBA	TAUB-HT	--	RTA
HRSB	R/T Hooded Supply Propeller	BD	PSB	HXS/HES	HVWP	AF/AC	EC-S/ ECH-S	LGBA	RBS/RBCS	RHS	PRI
TDB / DDT	Tube Axial fans	BD/DD	TBC/TEBC	EDB/EDD	TB/TD	BTA/TA	HA / HDD	LIBA/LIDA	TAB/TAD		BTA/DDA
CM	Vent Sets/ BI / cUL705 & 762 & 793	BD	VSBC	CPV/S	BCV/J	D/RPK	QBR	--	SWB	--	BI/BI-RM
RCXII	Non-powered Roof Vent - Rnd Dome		ARVE	PR	GRV	DR	LQV	GSA	GRS	--	--
CSF	R/T Centrifugal Filtered Supply	BD	CFS	ASP	FSR	MU	--	VHBB/VSBB	RSF	--	700
CVTT	Forward curve air handler 7' to 30"	BD	--	--	DBS	--	--	VGBA		--	9200
CFD	Forward curve air handler 7' to 15"	DD/BD	--	DB	DBS	ZC	--	VDBA		--	200
CBS	Single inlet blower	BD	--	--	DBS	--	--	--		--	400
CBM	Direct drive dual inlet blower	DD	--	--	--	--	--	--		BLR	GDD
CBP	Belt drive dual inlet blower	BD	--	--	TFC	--	--	--		--	G
CBP-RC	Belt drive dual inlet Framed blower	BD	--	--	VFC	--	--	--		--	800
CBP-RE	Belt drive dual inlet framed HD blower		--	--	TFC-2	--	--	--		--	900
FCB	Belt drive Forward curve vent set		--	--	FCV	--	--	VFB	SFB	--	600
TD	2 speed inline mixed flow fan	DD	--	--	--	--	--	--		--	-
PV	Backward incline inline fan	DD	--	--	--	--	--	--		FG	-
SWF	Outside wall mount exhaust	DD	--	--	--	--	--	--		RVF	-
PW	Radial blade pressure blower	DD	--	--	--	--	--	--	FPB	--	PW
KE	Radial blade pressure blower	DD	--	CPFD	JRW	--	--	--	IPA	--	KE
D	Forward curve direct drive blower	DD	--	--	DDF	--	--	--	SFD		D

R/T = Roof Top, BD = Belt Drive , DD = Direct Drive





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