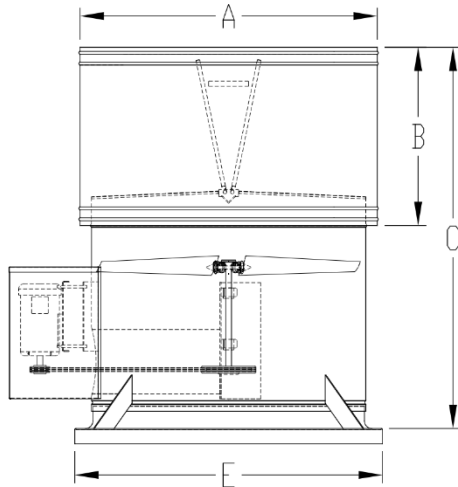


MODEL VBO OVERVIEW


Project Number:

Project Name:

Customer:

Date:

Product Information

Fan: VBO Series

Drive: Belt Drive

Material: Steel

Finish:

Motor(s):

Prop(s):

FAN SIZE	DIMENSIONS (INCHES)				BASE	HOUSING	WIND BAND	AVG WT (LBS.)
	A	B	C	D				
24	31	19	47	34	16 GA	16 GA	20 GA	390
30	37	23	52	40	16 GA	16 GA	20 GA	440
36	43	25	60	46	14 GA	16 GA	20 GA	575
42	49	27	63	52	14 GA	16 GA	20 GA	725
48	55	31	67	56	14 GA	16 GA	20 GA	810
54	61	35	77	64	12 GA	14 GA	20 GA	1005
60	67	36	78	68	12 GA	14 GA	18 GA	1150

TAGS	QTY	MODEL	HP	RPM	ELECTRICAL	STATIC PRESSURE	AIRFLOW

STANDARD FEATURES

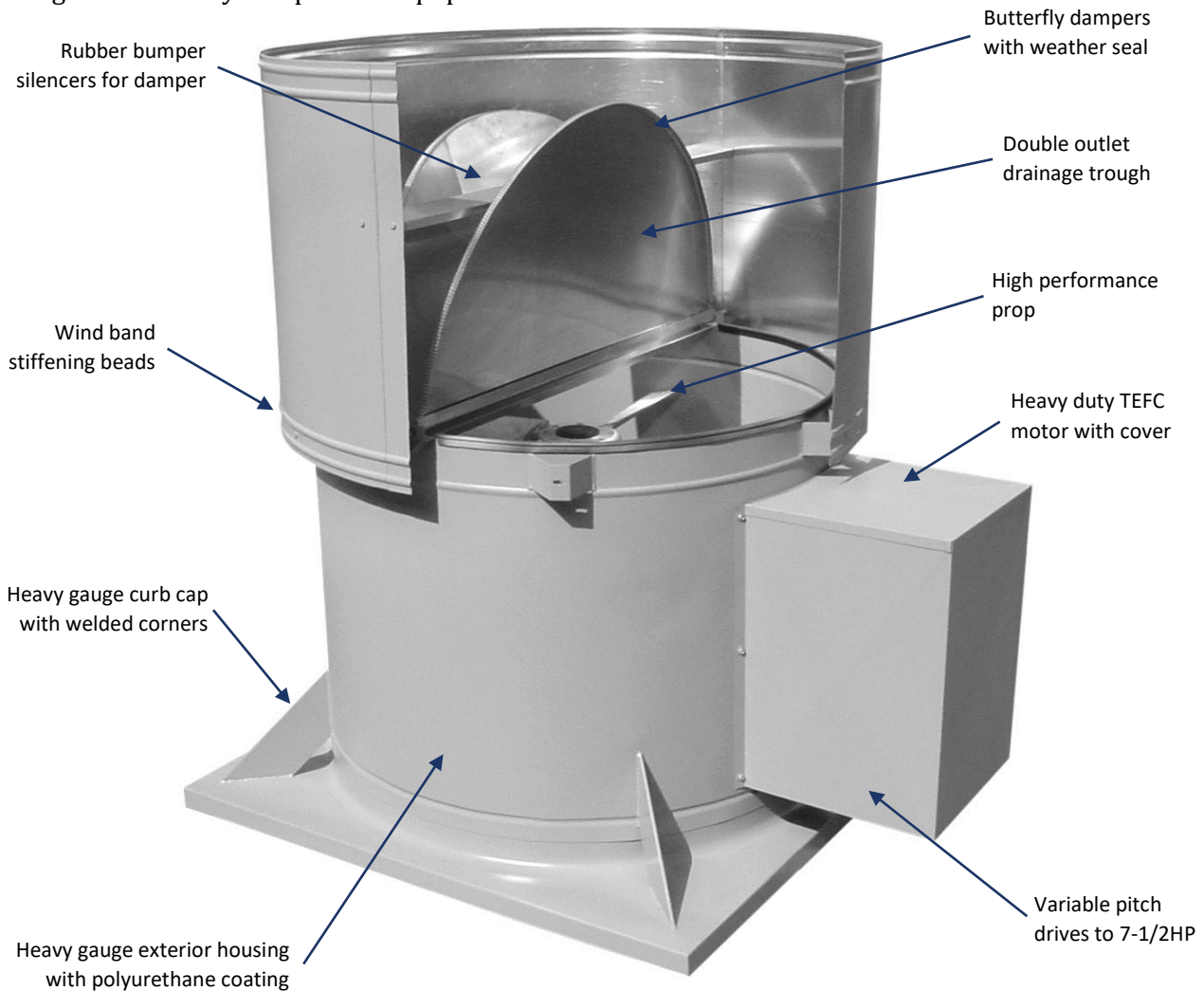
- **High Performance Prop:** Blades are manufactured with custom-selected material for ideal performance and efficiency and mated with a cast aluminum hub.
- **Wind Band:** Constructed of heavy gauge galvanized steel. Easily removable to facilitate easy access to fan components for inspection and service.
- **Butterfly Dampers:** Steel dampers are standard for sizes 24 through 60. Dampers provide weather and backdraft protection when the fan is not in operation.
- **Extended Lube Lines:** Extended lubrication lines with grease fittings allow easy and fast bearing lubrication.
- **Variable Pitch Drives:** Variable pitch drives are standard up to 7-1/2 HP. Adjustable for final system RPM and sized for 165% of driven HP.
- **Motor Out-Of-Airstream:** Motor, belts, and bearings are isolated from the airstream. Removable cover provided for easy motor access. Standard motor selection is heavy-duty TEFC.
- **Self-Aligning Pillow Block Bearings:** Selected for a minimum life more than 200,000 hours at maximum operating speeds.

NOTE: Romla Fans is committed to product improvement and retains the right to change specifications and dimensions at will without prior notification.

MODEL VBO STANDARDS

Model VBO Roof Fans shall be belt drive and designed exclusively for exhaust applications for use in most commercial and industrial buildings. Propellers shall be statically and dynamically balanced. The all-welded fan tube and curb cap shall be constructed of heavy gauge steel. Bearing support plates shall be constructed of steel plate welded to interior steel channels for support. Fan bearings shall be heavy-duty, grease lubricated, self-aligning pillow block type, and all fan shaft bearings and drives shall be isolated from the airstream. Bearings shall be selected for a minimum life span of more than 200,000 hours at maximum operating speed, and drives shall be designed for 165% of rated horsepower. All fan belts shall be oil-resistant non-static type. The exterior of the unit shall be protected by a polyurethane coating to protect against corrosion and wear.

Wind bands shall be constructed of heavy gauge galvanized steel and beaded for additional strength. Butterfly dampers will be constructed of heavy gauge galvanized steel and include rubber bumpers for quiet damper operation. The weather sealing dampers will include water runoff troughs for drainage and shall provide a tight weather seal when closed. The wind band shall be easily removable to gain access to the fan through the butterfly dampers for equipment maintenance.



WARNING! DO NOT USE IN HAZARDOUS ENVIRONMENTS WHERE THE FAN'S ELECTRICAL SYSTEM COULD IGNITE COMBUSTIBLE OR FLAMMABLE MATERIALS. In those situations, use units specifically built for hazardous environments. Guards must be installed when a fan is within reach of personnel or within seven (7) feet of working level or when deemed advisable for safety.



MODEL VBO PROJECT INFO & SPECIFICATIONS

Project Number:

Project Name:

Customer:

Date:

Selected Features

Fan: VBO Series
 Drive: Remote Belt Drive
 Material: Steel
 Finish:
 Motor(s):
 Prop(s):

TAGS	QTY	MODEL	HP	RPM	ELECTRICAL	STATIC PRESSURE	AIRFLOW

ADDITIONAL OPTIONS

General Accessories

Roof Curb (see Curb Submittal)
 Inlet Guard (Motor-Side Guard)
 Outlet Guard (Bird Screen)
 Access Door
 Magnetic Damper Latches

Install Accessories

Install Hardware
 Custom Support Steel

Disconnect Switch

NEMA3R Factory Wired
 NEMA4 Ship Loose
 NEMA4X

Custom Finish

Epoxy Coating
 Polyurethane Coating
 Custom:

PRODUCT NOTES

- Guards are required when equipment is less than (7) feet above the floor or working level per OSHA requirements. Guards are available from Romla Fans or should be provided by installation personnel when necessary.
- Fans are furnished with factory-installed lifting lugs for quick and efficient installation. Consult the product IOM for proper fan hoisting procedures.
- Fans must be installed with remote motor overload protection. Fan motors are not provided with inherent overload or overcurrent protection.

WARRANTY

Romla Fans guarantees this equipment to be free of defects in material and workmanship under normal use and service for a period of one year from the date of delivery. Romla Fans must be contacted within the one-year period with a warranty claim and the repair authorized by both parties. The location of warranty repairs, either in-field or at the factory, will be at the discretion of Romla Fans. This guarantee does not cover any damage caused by neglect of lubrication, accidental overload, or improper installation, nor does it cover the cost of repairs made or attempted outside the factory, without written authorization. Romla Fans only guarantees electric motors to the extent of the motor manufacturer's warranty. Correction of any verified defects by repair or replacement shall constitute fulfillment of this warranty.

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