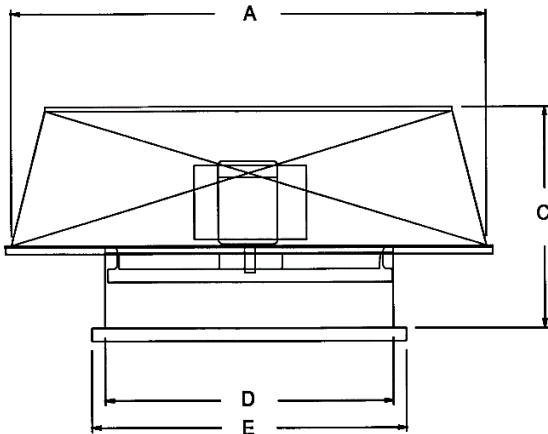


MODEL HB OVERVIEW



Project Number:

Project Name:

Customer:

Date:

Product Information

Fan: HB Series

Drive: Belt Drive

Material: Steel

Finish:

Motor(s):

Prop(s):

FAN SIZE	DIMENSIONS (INCHES)					BASE GAUGE	HOOD GAUGE	DAMPER SIZE (IN. SQ.)	ROOF OPENING (IN. SQ)	AVG WT (LBS.)
	A	B	C	D	E					
24	51	51	24	30.25	36	16	20	24	26.5	196
30	60	60	24	36.25	42	16	20	30	32.5	260
36	71	71	28	42.25	48	16	20	36	38.5	375
42	81	81	30	48.25	54	16	20	42	44.5	500
48	91	91	31	54.25	60	14	20	48	50.5	650
54	99	99	34	60.25	66	14	18	54	56.5	775
60	99	120	35	66.25	72	14	18	60	62.5	900
72	99	144	40	80.25	86	14	18	72	74.5	1200

TAGS	QTY	MODEL	TYPE	HP	RPM	ELECTRICAL	STATIC PRESSURE	AIR FLOW

STANDARD FEATURES

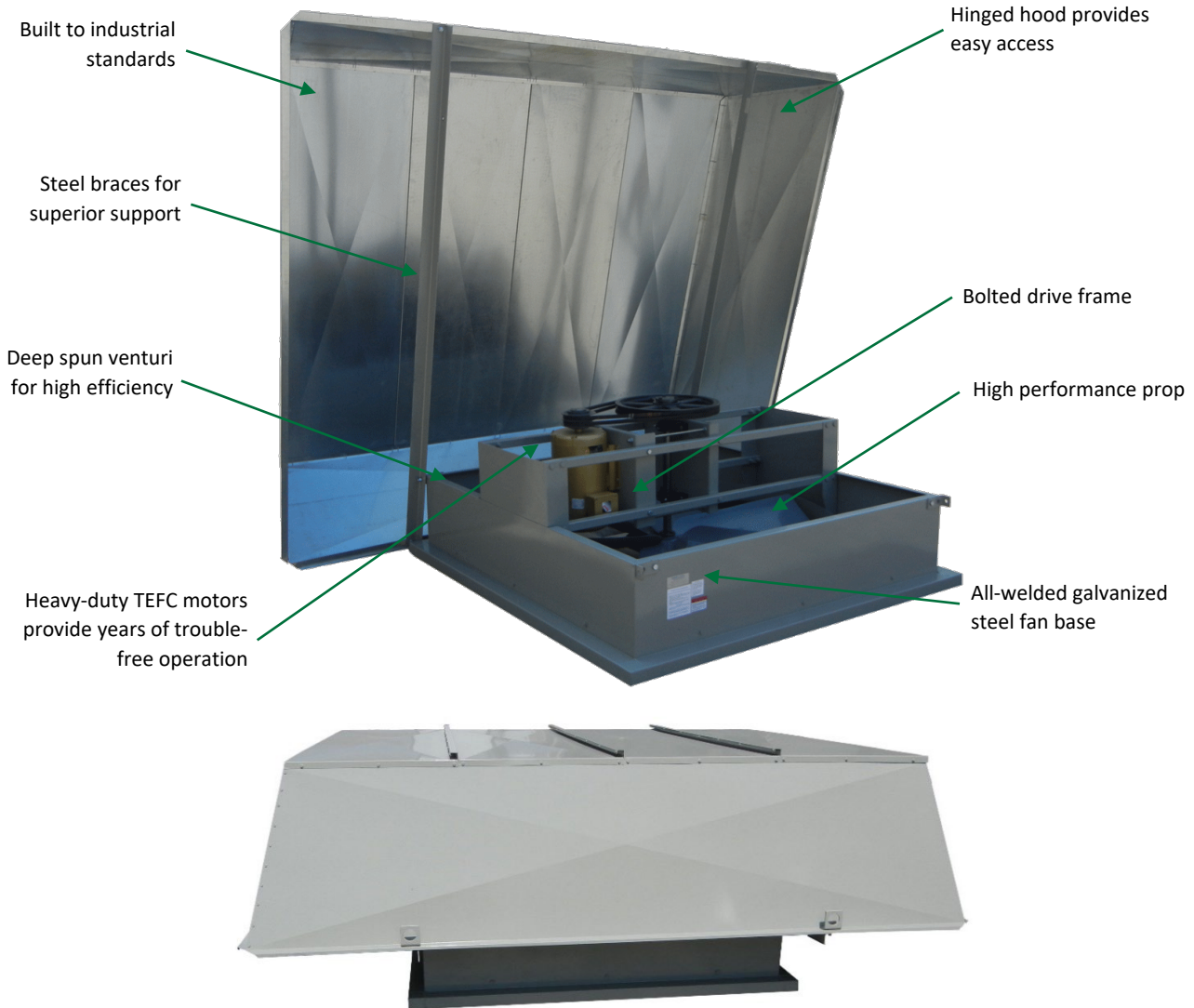
- **Heavy Duty, Long-Life Construction:** Built to industrial standards. All-welded fan base. Heavy gauge galvanized hood with hinges utilizes interlocking rib seams that provide superior strength.
- **High Performance Prop:** Blades are manufactured with custom-selected material for ideal performance and efficiency and mated with a cast aluminum hub.
- **Motor Frame:** The heavy duty all-welded frame provides a rigid platform for motor and propeller.
- **Heavy Duty Motor:** Standard motor selection is heavy duty TEFC. Direct drive motor operation will provide years of trouble-free operation.
- **Deep Spun Venturi:** Utilized for superior strength and higher efficiency.

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

MODEL HB STANDARDS

Model HB Roof Fans shall be belt drive and designed for both exhaust and supply applications for use in most commercial and industrial buildings. Propellers shall be statically and dynamically balanced. Belts shall be oil-resistant non-static type and self-aligning pillow block bearings shall be selected for a minimum life more than 200,000 hours at maximum catalogued operating speeds. The fan housing shall be heavy gauge galvanized steel with vertical welded seams. The bolted motor support structure shall consist of a heavy gauge motor plate supported by heavy duty struts. Fan base exteriors shall be finished with a plain grey liquid polyurethane coating to protect against wear and corrosion.

Fan hoods shall be constructed of heavy gauge galvanized steel with interlocking ribs at the seams to provide superior strength. Hoods shall also be hinged to provide easy access to fan components such as motors, belts, pulleys, and propellers. Units shall have 1/2" mesh galvanized bird screen installed along the perimeter of the fan base. Hood exteriors shall be finished with a plain grey liquid polyurethane coating to protect against wear and corrosion.



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.



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MODEL HB PROJECT INFO & SPECIFICATIONS

Project Number:	Selected Features
Project Name:	Fan: HB Series
Customer:	Drive: Belt Drive
Date:	Material: Steel
	Finish:
	Motor(s):
	Prop(s):

TAGS	QTY	MODEL	HP	RPM	ELECTRICAL	STATIC PRESSURE	AIR FLOW

ADDITIONAL OPTIONS

General Accessories

- Roof Curb (see Curb Submittal)
- Inner Guard (Motor-Side Guard)
- Outer Guard (Bird Screen)
- Outer Guard (Insect Screen)
- Extended Lubrication Lines
- Extended Base
- Filters (Hood Mounted, Supply Fans Only)
- Duct Drop (see Duct Drop Submittal)

Damper

- | | |
|------------------|-----------------|
| Gravity Damper | Factory Mounted |
| Motorized Damper | Ship Loose |

Disconnect Switch

- | | |
|--------|---------------|
| NEMA3R | Factory Wired |
| NEMA4 | Ship Loose |
| NEMA4X | |

Custom Finish

- Epoxy Coating
- Polyurethane Coating
- Urethane Powder Coating
- Custom:

Install Accessories

- Install Hardware
- Custom Support Steel

PRODUCT NOTES

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