



Fan #1 VXB130BD-RM (1025 lbs.)

Belt Drive Exhaust Only Unit With 30.875" Utility Set Exhaust Fan w/ 2" Grease Drain. Clockwise Rotation When Looking At Inlet.

Exhaust Motor:

Model DTP7/54, 7.5 HP, 3 Phs, 208 V, 60Hz, 21.1 FLA, ODP, Premium (E-Plus3) Eff.

Exhaust Motor Pulleys:

Part Type	Qty	Browning #	Turns Out
Belt	2	BX71	
Blower Pulley	1	2B5V110	
Bushing	1	B-1 15/16	
Motor Pulley	1	2VP60 x 1-3/8	1.0

Exhaust Performance:

Volume: 6000 cfm RPM: 876 TS: 7081 ft/min

SP: -2.5" w.g. BHP: 4.355 Disch. Vel.: 1152 FPM

Altitude: 39'

Amb. Temp: 70°F

Exhaust Installation Information:

Motor/Control 26.4 Amps MCA, 45 Amps MOP, 208 V, 10 Circuit AWG Wire Min.

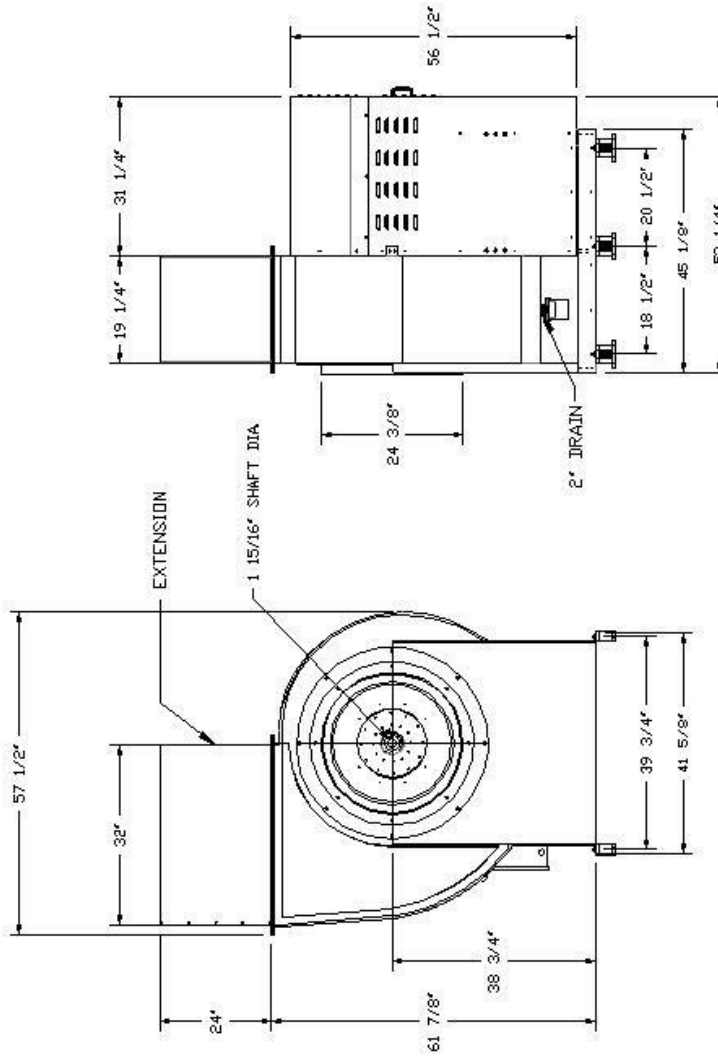
Exhaust Unit 3 phs 208 V 60Hz Voltage:

Construction Features

Use with General Ventilation (UL705) and for Restaurant Duty (UL762) • Vented Motor Cover and Continuously Sealed Housing for added weather protection • Scroll and Motor Compartment Connected for added Structure • Easily Accessible Clean Out Door and Motor Access from 3 Sides • Standard 2" Grease Drain • Standard Emergency Disconnect Switch • Standard Heat Slinger and Heavy Duty Pillow Block Bearings for Belt Drive option • Standard Shaft Seal for Belt Drive option • Standard Pivot Plates for easy Belt Adjustment • Double Groove Pulleys standard for 2 HP and Above Motors • Discharge Outlet Flanges Available on All Sizes • Temperature Ratings - Aluminum Wheel, 350 degrees F •

Selected Options:

- BI30 - 24" High Discharge Extension Assembly.
- BI - Discharge Orientation - Vertical Upper Left - CW Looking At Inlet.
- BI30 - Inlet Ring.
- Grease Cup for Utility Sets. Option for Utility Sets.
- BI30 Discharge Screen.
- Floor Mount Spring Vibration Isolators. Option for the BI27 thru BI30, USBI24 & USBI30 (6 required) Utility Set units. Max Weight = 165 lbs. 1.2" Deflection. 3/8" bolt diameter. (5C128 X 6). "Black" (5C128) - Mason C-A-200.



(6) ISOLATORS = USB118 THRU 36

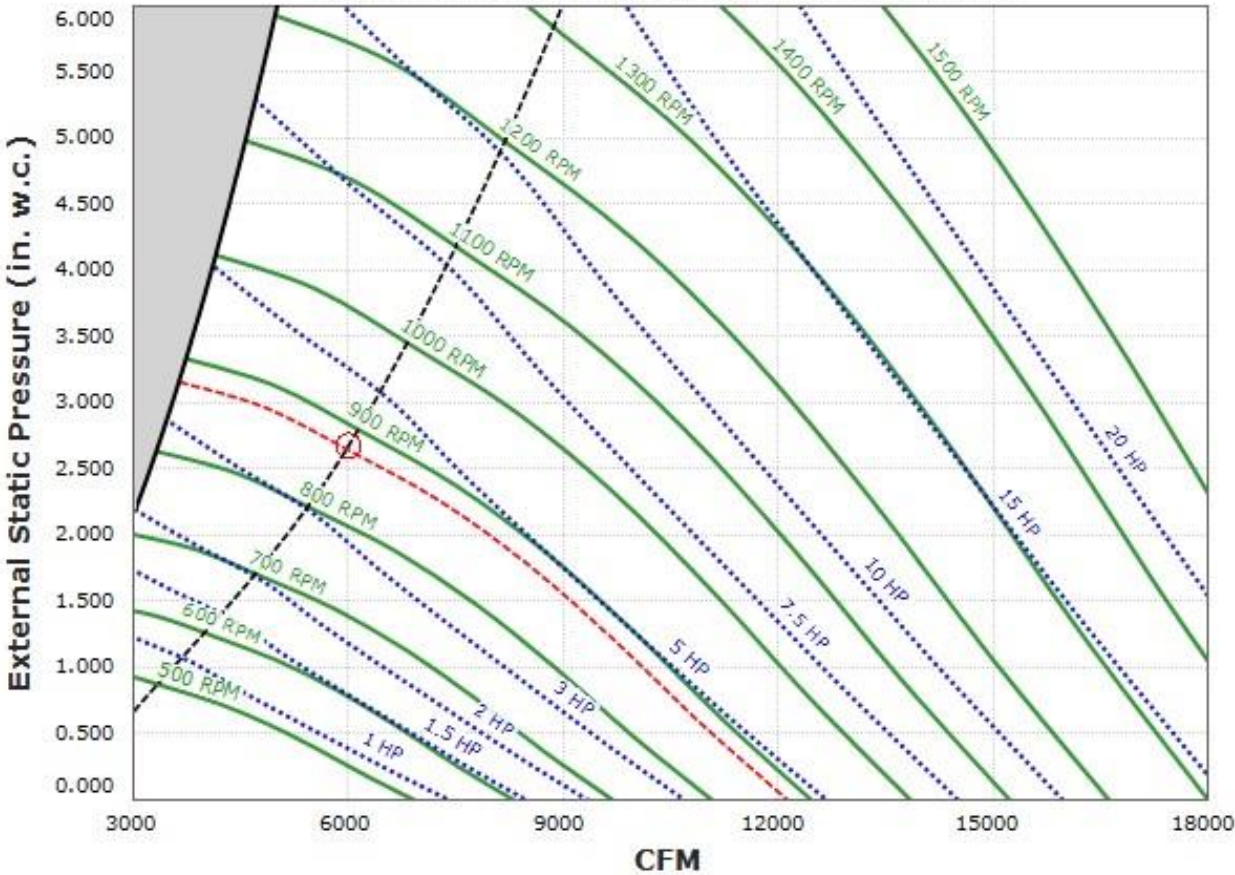
FEATURES:

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705
- UL762
- HIGH HEAT OPERATION DIRECT DRIVE 350°F (176°C)
- HIGH HEAT OPERATION BELT DRIVE 350°F (176°C)
- HEAT SLINGER
- GREASE CLASSIFICATION TESTING
- 2" DRAIN
- MOTOR WEATHER COVER
- FULLY SEALED SCROLL HOUSING
- SCROLL ACCESS DOOR
- FLANGE 1 1/4" - 11 THRU 20.
- FLANGE 2" - 24 THRU 36.

NORMAL TEMPERATURE TEST BELT DRIVE EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 350°F (176°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

6000 CFM, 2.678 SP @ 876 RPM and 4.355 BHP at 39 feet and 70° F

* Note: Curves are adjusted to job specific temperature and altitude



VXBI30BD-RM exhaust sound data @ 876 RPM:

LWA at 5 ft.: 86.9 Sones at 5 ft.: 26 DBA at 5 ft.: 75.4

Distance	Octave 1	Octave 2	Octave 3	Octave 4	Octave 5	Octave 6	Octave 7	Octave 8
5 ft.	91.8	90.4	88.7	83.4	81.2	77.3	71.4	66.4