

## GENERAL DESCRIPTION

Spectrum Exhaust Blower  
 PVC, 10" inlet  
 Model # 177052100

### Materials of Construction

- Powder-coated steel base with weather cover
- Vacuum formed, unplasticized Type 1 PVC housing for highly corrosive applications
- Injection-molded, PVDF, forward-curved impellers
- Non-sparking materials of construction in the airstream making it perfectly suited for applications serving electrically classified spaces.
- ½" NPT drain for use with wash down systems

### Motor Details

- 1 HP Direct Drive, UL listed, ECM motor
- Thermal overload protection reduces RPM automatically when motor is overloaded.

### Motor Setup/Communication

- 3 input options to set motor RPM
  - Manual potentiometer
  - 0-10V
  - 4-20mA
- Motor signal output via RS232 or RS485

### Electrical

- 115V/230V, 1 ph, 50/60 Hz
- Motor has AC select switch for 115V or 230V power. Switch is manufacturer set at 230V but can easily be switched to 115V in the field for install.

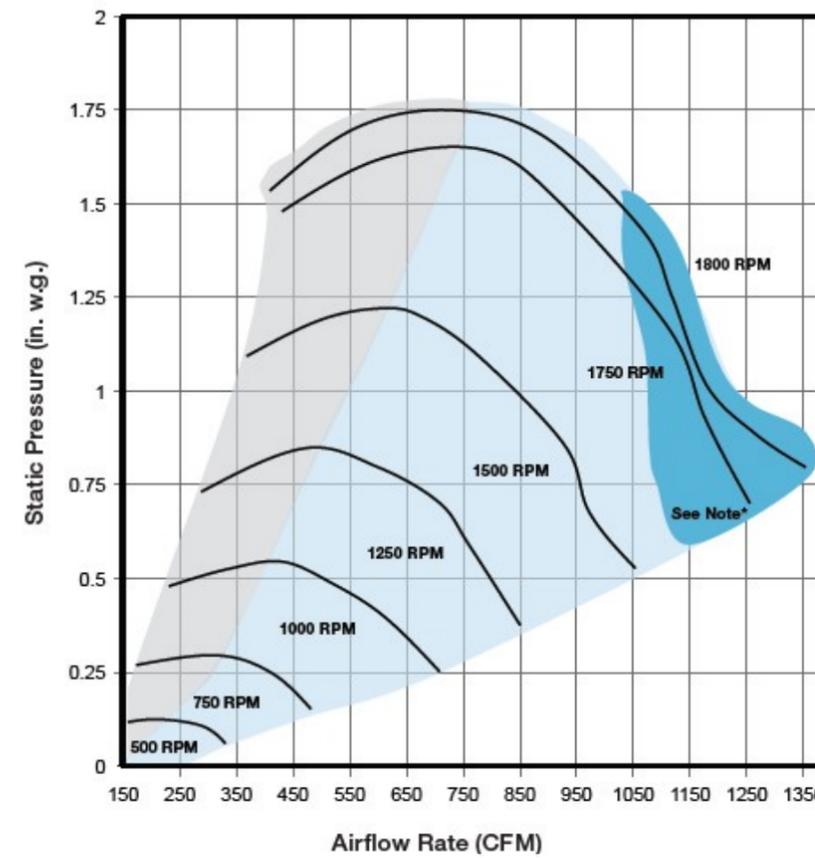
### Conforms to:

- ANSI/ASSP Z9.5
- UL listed motor
- AMCA 99

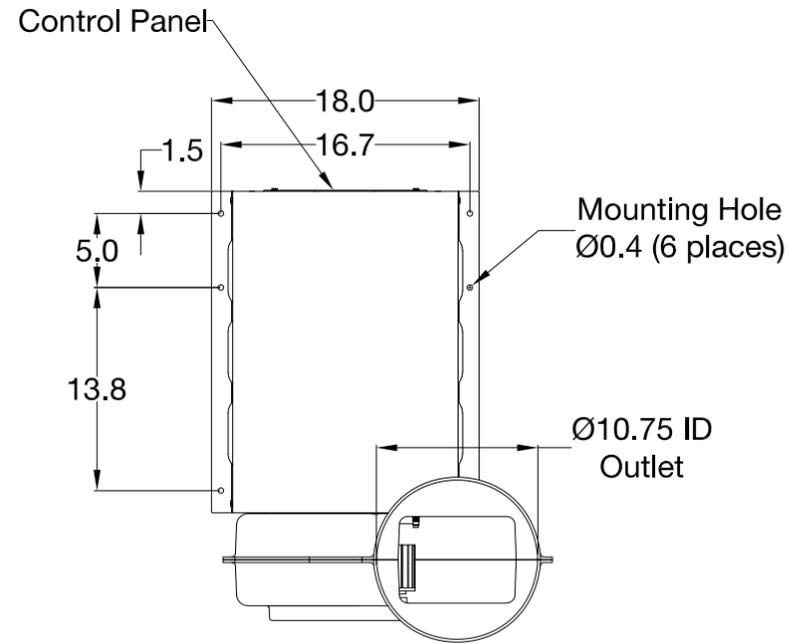
### Blower Performance Curve Note:

\*Ambient temperatures inside motor housing greater than 125°F may reduce maximum blower performance.

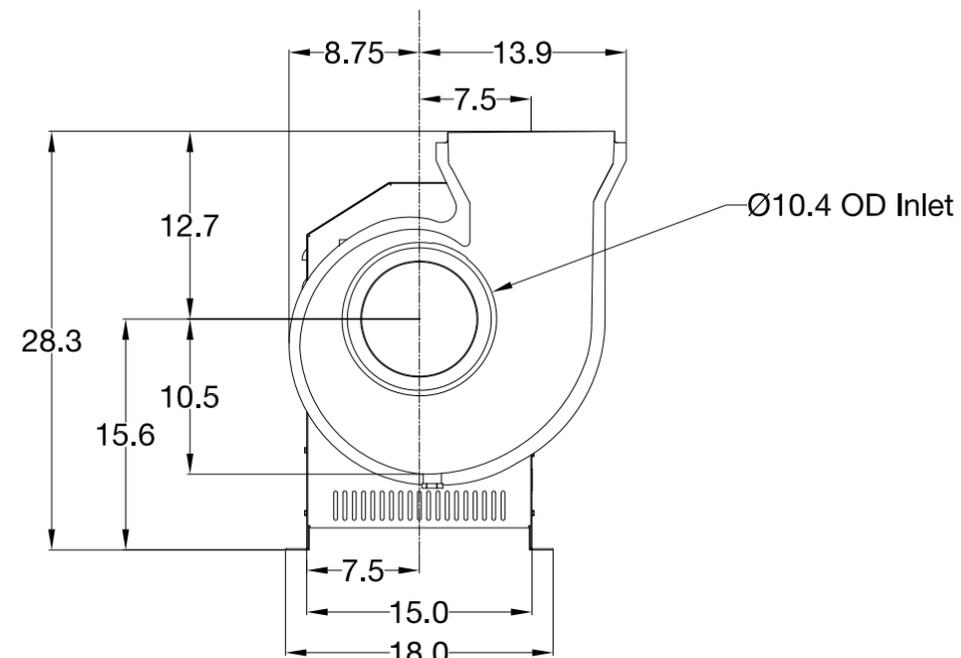
SCALE: Scaled to fit



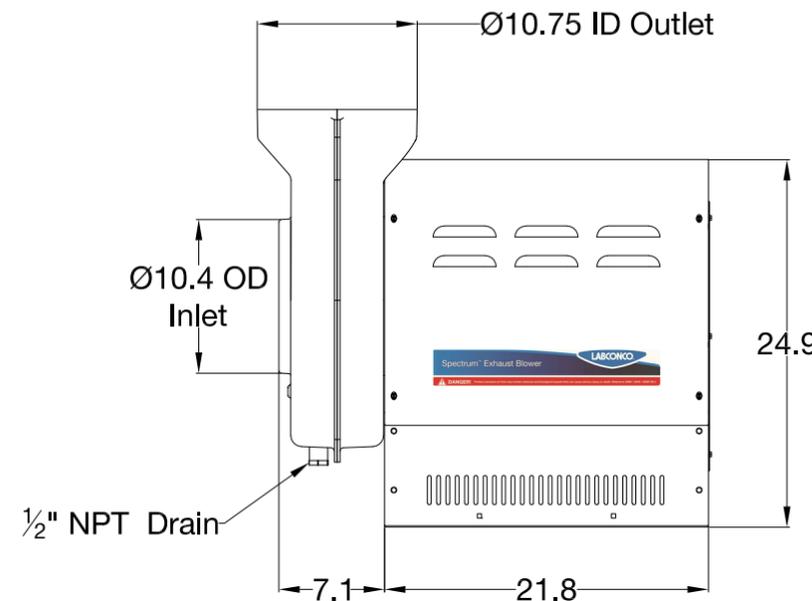
Blower Performance Curve



Top View



Front View



Side View

Blower  
for:



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| Rev | Date |
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Date:

Drawing #  
177052100

Drawn By:  
C. Alumbaugh