

# MAX10

Gearless High Speed Turbo Blower



**LONE STAR**  
TURBO

## MODEL MAX10-C060

### Standard Specifications

|                         |                                          |
|-------------------------|------------------------------------------|
| Gas                     | Air Only                                 |
| Flow Range              | 100% to 45% of Rated Flow*               |
| Maximum Case Pressure   | 35 PSIG / 2.4 bar                        |
| VFD (integral)          | Vacon, KEB, Yaskawa                      |
| Stages                  | Single Stage                             |
| Power Driver Options    | Integral Permanent Magnet Electric Motor |
| Cooling                 | Self Cooled Air Cooled                   |
| Bearings                | NSTB+ Air Foil                           |
| Enclosure               | Standard                                 |
| Sound Level             | 75 dB @ 3 feet free field                |
| Filtration Rating (std) | 99% at 2 micron, or as required          |

### Control Options

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Control Methods    | Speed Control, Blow Off Control, Pressure, Flow                      |
| Local Controller   | sLOC™ Standard - Custom for Allen Bradley, Modicon, Siemens or Other |
| HMI                | sLOC™ Standard or Custom HMI                                         |
| Remote Monitoring  | sLINK™ or Custom                                                     |
| Control Set Points | Pressure, Flow, Power, Custom Input                                  |

### Standard Materials of Construction

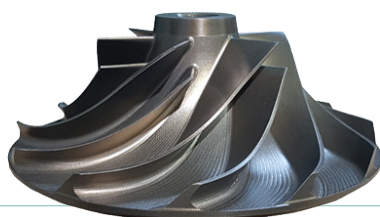
|                  |                                           |
|------------------|-------------------------------------------|
| Casing           | A356 Cast Aluminum                        |
| Volute           | A356 Cast Aluminum                        |
| Bearings         | Inconel with Teflon, Nano Silver Coatings |
| Impeller         | 5 Axis Machined anodized 7075 Aluminum    |
| Shaft            | Titanium alloy with Sm2CO17 Magnets       |
| Blower Base Skid | ASTM A36 Structural Steel                 |
| Isolation Pads   | Adjustable Feet with Mounting Anchor      |
| Finish           | Powder Coated Cabinet                     |

### Optional Testing & Certifications

|                     |                                    |
|---------------------|------------------------------------|
| Electrical          | UL 508A, UL 1450, CSA, CE, IEEE519 |
| Hazardous Location  | Not Classified                     |
| Balancing           | ISO 1940 - G2.5, ~4W/N API         |
| Noise Level         | OSHA 1910.95, ISO 2151:2004        |
| Performance Testing | ASME PTC-10, PTC-13, ISO 5389      |

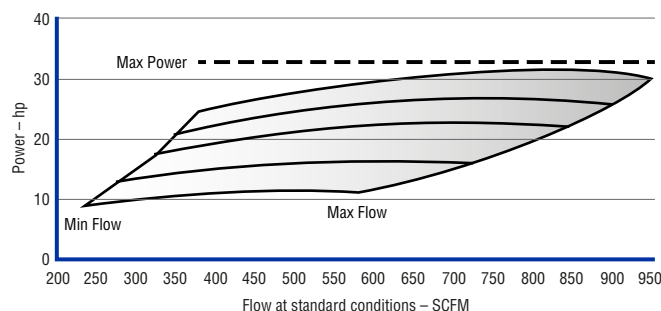
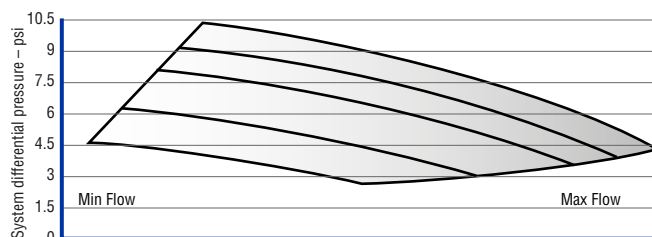
### Standard Options

- High and Low Ambient Temperature
- Separated Electrical and Mechanical Enclosure
- Flanged Intake
- Outdoor Enclosure
- Dual and Duplex Options
- Harmonic Filter



### Service

Air and Pressure



\* Information is approximate and can change without notice  
\* Performance Based on 1 Atm, 68F/20C, 36% RH and 3550 rpm