



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

Stock#: 208

Status: In stock

Dimensions: 15"x16"x13"

Weight: 92 lbs

Description: Tuthill blower

MFG- Tuthill

Model- 3006-21R2-X

Serial- 663 J95

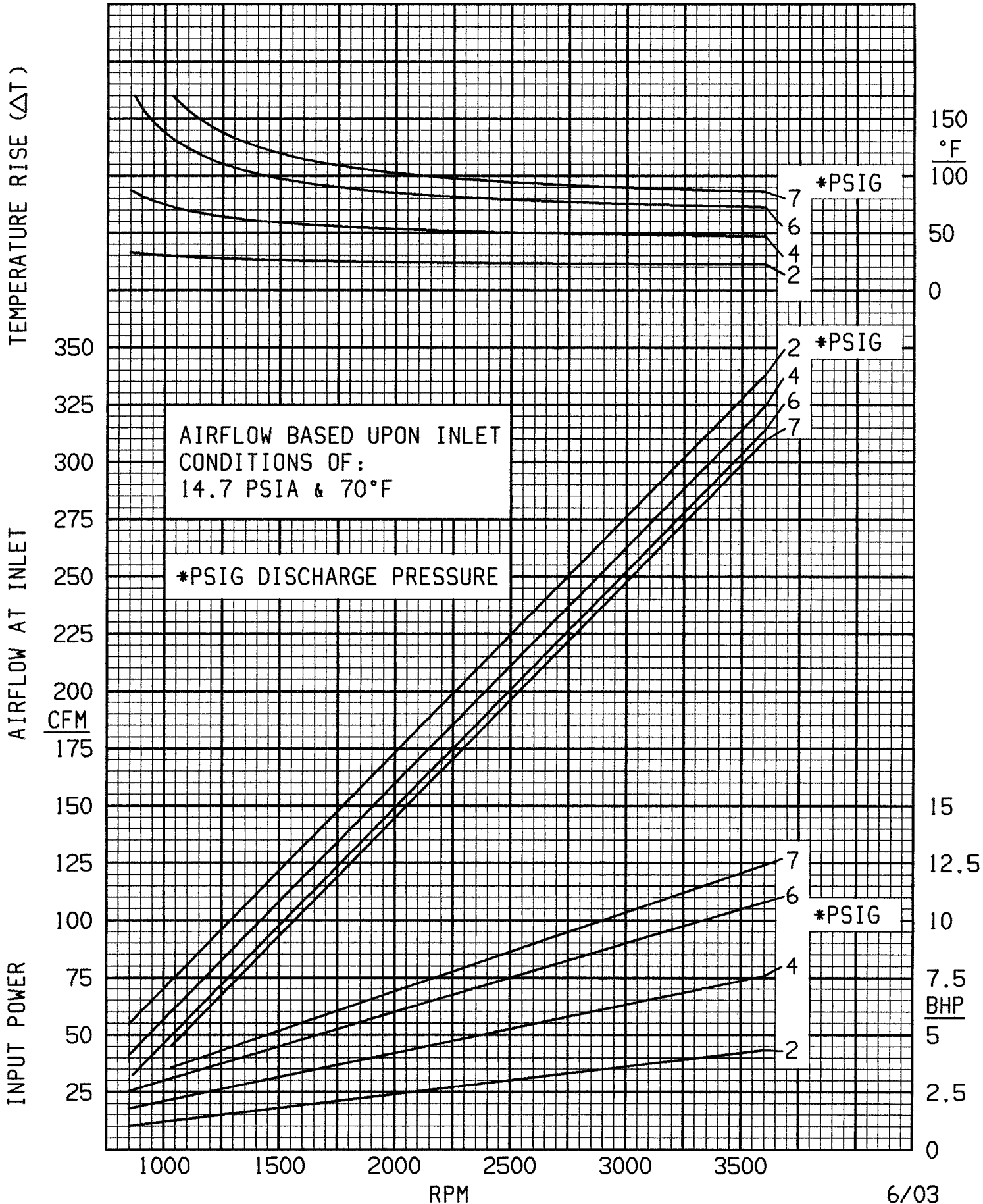
Port size- 2.5"

Note: MISSING FEET



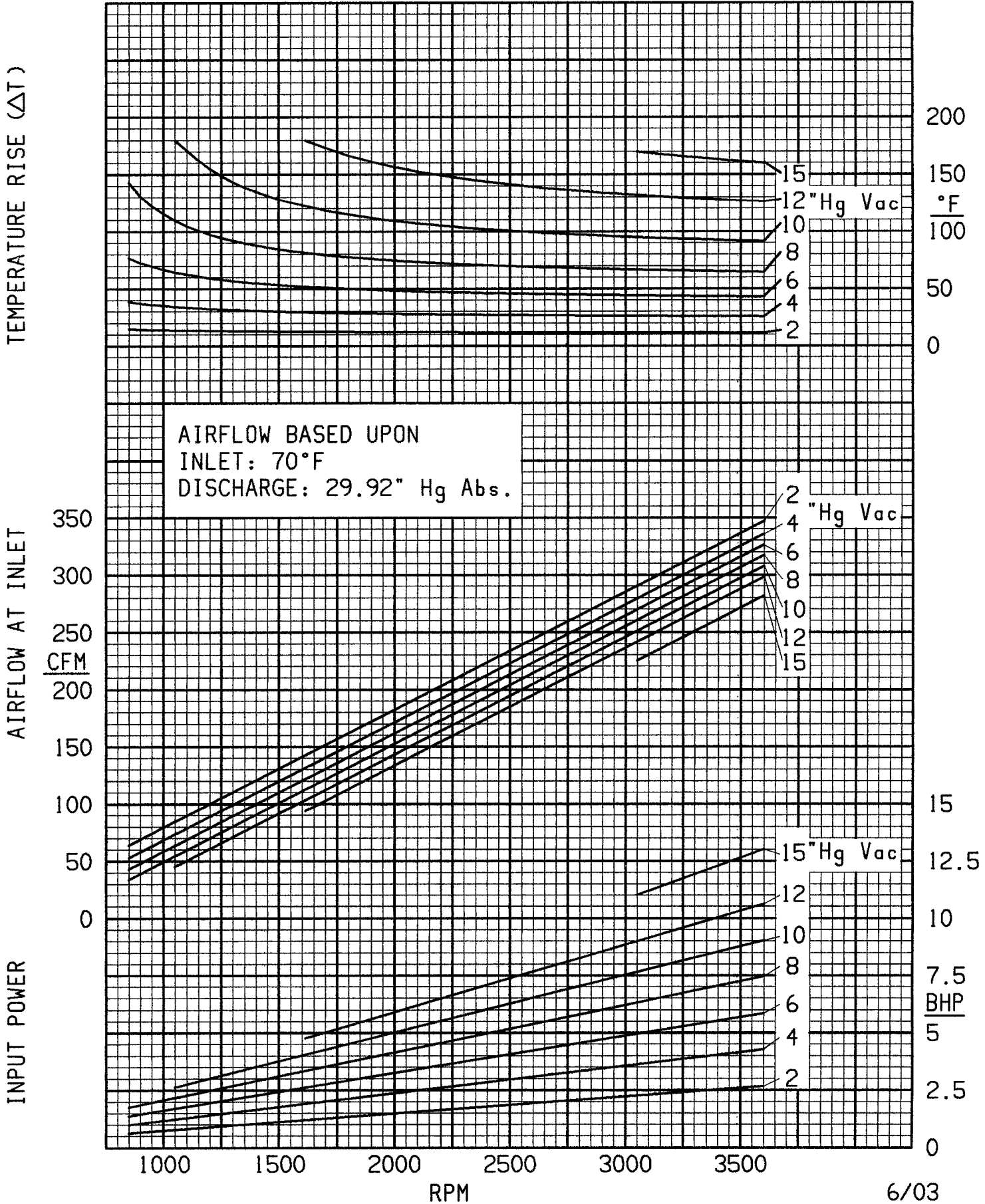
3006 COMPETITOR[®] PRESSURE CURVE

(.103 CFR DISPL. 3 LOBE)



3006 COMPETITOR[®] VACUUM CURVE

(.103 CFR DISPL. 3 LOBE)



M-D Pneumatics™

COMPETITOR® SL™

Rotary Positive Blowers

Designed with features found ordinarily on high-end blowers, **COMPETITOR SL** blowers are still designed to be interchangeable, with respect to foot print, shaft height and diameter, with equivalent sizes of Roots Universal RAI/RAI-J®, and many Sutorbilt® California Series Legend® Series L and P, as well as M-D Pneumatics **COMPETITOR PLUS™** blowers.

Features

Splash Oil Lubrication at Both Ends

COMPETITOR SL blowers include splash oil lubrication at both the gear end and drive end of the blower. Splash lubrication provides for longer bearing and seal life through improved heat dissipation versus grease lubrication.

Revolutionary Noise Reduction Technology

Many sizes of **COMPETITOR SL** blowers are available with Tuthill's unique noise reduction technology with tri-lobe rotors specially designed for maximum displacement and special porting on the discharge side to significantly reduce noise.

Helical Gearing

COMPETITOR SL blowers are timed with precision helical gears, keyed to the rotor shafts, not taper fit spur gears offered by other manufacturers which have greater backlash, and can slip and lose timing. Helical gears are also quieter, further reducing mechanical noise.

Stronger Bearings

All **COMPETITOR SL** blowers include double-row ball bearings at the gear end, stronger than single row ball bearings offered by other manufacturers. Drive shaft bearing is cylindrical roller type for additional strength against side loading from V-belt drives. As a result of this superior design, **COMPETITOR SL** blowers offer significantly longer bearing life than models offered by other manufacturers.

Rotors with Integral Shafts

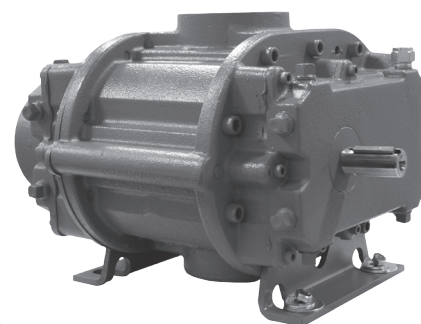
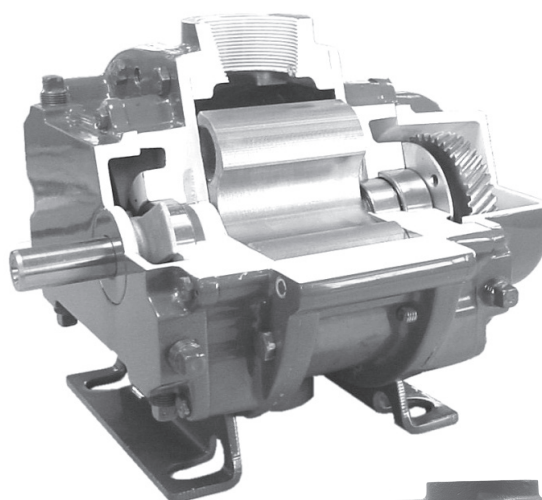
COMPETITOR SL blowers include precision machined ductile iron rotors with large, integrally cast shafts, not press fit and/or pinned shafts offered by other manufacturers, which can loosen over time and cause rotor clash.

Versatility

COMPETITOR SL blowers can be field converted from horizontal to vertical flow, or vice versa, without any special tools or additional components.

Metric Availability

All **COMPETITOR SL** blowers are available with metric drive shaft and process connections.



Material Specifications:

Housing: Cast iron

End Plates: Cast iron

End Covers: Cast iron

Rotors: Ductile iron

Shafts: Ductile iron cast integrally with rotors

Bearings: Gear end - Double row ball, both rotors

Drive end - Cylindrical roller on drive rotor

Single row ball on driven rotor

Drive Shaft: Ductile iron, cast integrally with drive rotor

Gears: Heat treated alloy steel, helical cut

Seals: Lip seals on rotor shafts and drive shaft

Lubrication: Oil splash on both ends

Model Size	Maximum Nominal Pressure (PSIG)	Maximum Nominal Vacuum (in. Hg)	Maximum RPM	Net Wgt. (lbs.)*
3002	15	16	3600	100
3003	12	15		105
3006	7	15		125
4002	15	16	3600	130
4005	10	16		165
4007	7	15		180
5003	15	16	2850	205
5006	13	16		255
5009	8	15		275
6005	15	16	2350	330
6008	14	16		400
6015	7	14		580

*Approximate shipping weight.



All Competitor SL blowers are factory tested to meet ISO 9001 registered quality standards.

Rotors are dynamically balanced to meet ISO1940 Grade 6.3 specifications.

