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Model Number: 3002-22L2

Tuthill 3002-22L2 Competitor blower Left Shaft 3002-A7L2CV1-A

Manufacturer: Tuthill

This Item Ships on a Pallet.

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This can be used an exact drop in replacement for Dresser Roots URAI #33 vacuum blower (same footprint, same dimensions, same port openings).
New part number Tuthill 3003-A7L2CV1-A

Shaft diameter is 7/8".
Shipping weight: 103 lbs.
Machine weight: 83#
Shipping Dimensions:
25x21x26H

180 cfm @ 225" lift

Port Connection 2" Fip
Applications:

Carpet Cleaning
Dairy Milking
• Mosquito Fogging
• Wastewater Aeration
Trenchless Drilling
Air Sparging
Compost Aeration
Vacuum Cleaning
Dust Collection

Features:

• Gears: Helical gearing for quiet operation
• Bearings:

Gear End: Double row ball
Drive Shaft: Cylindrical roller

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- Rotors: Ductile iron, integrally cast with shafts
- Lubrication:

  Gear End: Oil splash
  Drive End: Grease

- Seals: Lip
- Low noise option available on most models

Flow range: 6 - 2300 CFM (10 - 3900 m³/h)
Pressure range: up to 15 PSIG (1.03 bar g)
Vacuum range: up to 16" Hg (540 mbar g)

- Every unit tested before shipment

Outline Drawing
Field and troubleshooting guide

Standard Repair Kit Package

Brochure

Parts List

- Model 3003 Performance Curves

Tuthill Pipe thread connections required
Tuthill Blower Brochure

Rotary Positive Gas Blowers
Designed with features found ordinarily on high-end blowers, COMPETITOR GT blowers are still designed to be interchangeable, with respect to foot print, shaft height and diameter, with equivalent sizes of Roots Universal RAI-G®, and many Sutorbilt® California Series Legend™ Series L and P, as well as M-D Pneumatics COMPETITOR PLUS™ blowers.
Splash Oil Lubrication at One End
COMPETITOR GT blowers include splash oil lubrication at gear side and grease on shaft side.
Helical Gearing
COMPETITOR GT blowers are timed with hardened, 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 GT 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 GT blowers

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offer significantly longer bearing life than models offered by other manufacturers.
Rotors with Integral Shafts
COMPETITOR GT 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. All rotors are dynamically balanced for vibration-free rotation.

Model sizes 3002, 3003, and 3006 are supplied with a 7/8" diameter drive shaft. when replacing equivalent Roots or Sutorbilt models, the Competitor models require larger bore on the blower sheave bushing or coupling half from smaller 3/4" drive shaft of equivalents Roots or Sutorbit model replaced.

Positive End Clearances
End clearances are positively established at the blower gear end, eliminating the risk of shifting end clearances when installing or removing drive components. This also eliminates the need for those special fork and saddle tools required by other brands to reset end clearances.
Polished Drive Shaft Sealing Surfaces
Driveshaft is polished to reduce seal wear and risk of leakage.

Every Tuthill blower is backed by the Tuthill Vacuum & Blower Systems limited warranty:

24 months from date of shipment, or 18 months after initial startup date, whichever occurs first.

18 months from date of shipment, or 12 months after initial startup date, whichever occurs first

The factory does not paint the blower.
They only apply a light primer spray to slow down rusting.
When you open the box all new blowers are rusted.

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If you want us to take the blower out of the box and paint it, please let us know and we can do this for an extra fee.

Important Option

Oil level must be topped off on new blowers
Oil level must be changed after 50 hour break in period.
Oil level must be changed every 200 hours after break in period.
Gardner Denver 28G46 Brand Blower Oil Aeon PD-XD Full Synthetic Formula Extra Heavy Duty for High Heat Applications 28G47-QT
Add to your shopping cart now!

Availability: This product was added to our catalog on Monday 09 July, 2018

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