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Model Number: 4005-A7L2CV1-A

Tuthill 4005-21L2 Competitor blower Left Shaft 4005-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 #45 vacuum blower (same footprint, same dimensions, same port openings). Shaft diameter is 7/8".

Shipping weight: 139#

Machine weight: 119#

Shipping Dimensions:  
25x21x26H

Shipping is always charged even local pickup

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

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

Gear End: Oil splash  
Drive End: Grease

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- Seals: Lip
  - Low noise option available on most models
- Flow range: 6 - 2300 CFM (10 - 3900 m<sup>3</sup>/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

Parts List

- Model 4005 Performance Curves

Tuthill Pipe thread connections required

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<sup>®</sup>, and many Sutorbilt<sup>®</sup>; California Series Legend<sup>®</sup>; Series L and P, as well as M-D Pneumatics COMPETITOR PLUS<sup>®</sup>; 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 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.

Positive End Clearances

End clearances are positively established at the blower gear end,

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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.

Also marketed under part number 4005-A6L2CV1-A

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.

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.

Tuthill Blower Brochure

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!

Compare to current or past OEM associations:

Dresser Roots 45 URAI Vacuum Blower

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Gardner Denver 4MS-RHC-SLSGRS-SPL Sutorbilt Legend 4MP PD Truck  
Mount Vacuum 45 Blower Pump Prochem (formerly 4MVL, 86190700 [4MR-RHC]  
PP41-905021) Right Hand Crank GACMDSA0084

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*Availability: This product was added to our catalog on Monday 26 February, 2024*