



Model Number: 20190121

Tuthill 2002-21L2 Competitor Blower Left Shaft 2002-A6L2CV1-A Plus 2 HP Electric Motor  
20190121

Manufacturer: Tuthill

Tuthill 2002-21L2 Competitor Blower (Left Shaft) 2002-A6L2CV1-A + 2 HP Electric  
Motor

One (1) Tuthill CP Series 2002 Blower Package Package to include Tuthill blower detailed below, skid mounted and V-belt driven on "Table-top" mounted on a carbon steel base with pressure relief valve, inlet silencer and filter as well as a discharge silencer.

Tuthill Model Designation: 2002-A6L2CV1-A Blower suitable for indoor or outdoor installation.

Blower quoted features the following: Drive Location: Left (L) Rotors: Bi-lobe  
(2) Materials of Construction: Cast iron ASTM A48-Class 30 - rotors ductileiron  
(C) Elastomer: FKM ASTM D1418 FLUOROELASTOMER (eg. Viton)  
(V) Seal/Lubrication: Multi-Lip - Grease/Oil Splash Lube  
(6) Packaging PneuPak 13A package w/V-belt drive, motor slide base Inlet Filter  
Silencer with Chamber type integral base Discharge silencer, Max Temp: 350F Motor:  
2 HP, TEFC, NEMA Premium, 145T frame, 230/460 V, 3 ph, 60 HZ, 1740 RPM, 1.15  
SF Instrumentation Pressure Gauge, 0-15 PSIG, liquid filled, 2<sup>1</sup>/<sub>2</sub>" dial Inlet  
Check Valve

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This can be used an exact drop in replacement for Dresser Roots URAI #36 vacuum blower (same footprint, same dimensions, same port openings).

Shaft diameter.  
Ship Weight:  
Machine Weight:  
Ship Dimensions:  
Applications:

Carpet Cleaning Prochem Truckmount 86316450 and shown above on the  
Sapphire Scientific Rage

- Dairy Milking
- Mosquito Fogging
- Wastewater Aeration
- Trenchless Drilling
- Air Sparging
- Compost Aeration
- Vacuum Cleaning

Dust Collection  
Replacement for Roots U-Rai 22 and Sutorbilt Legend 2M

#### 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

- 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
- 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, 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.

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.

This item is non stock and you have to be willing for the factory to build the item, and wait 8 weeks.

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.

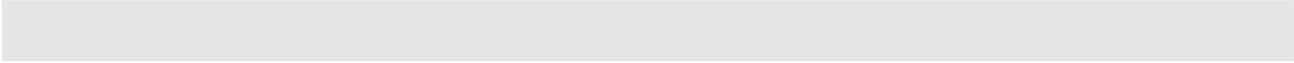
Oil level must be changed every 200 hours after break in period.

Gardner Denver 28G46 Brand Blower Oil Aeon PD-XD Full Synthetic Formula

Extra Heavy Duty for High Heat Applications 28G47-QT

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*Availability: This product was added to our catalog on Monday 21 January, 2019*

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