

# Roots® Blower



## 42 URAI

Part Number – 6510802x\*

Repair Kit w/o Gears: 651080RK

\*Replace “x” with shaft location (i.e., L=Left, T=Top, etc.)

- Shaft Configurations available: Left, Right, Top, Bottom
- Detachable steel mounting feet
- Rigid one-piece cast iron casing
- Connections in standard pipe sizes
- Straight, precision machined two-lobe impellers
- Splash oil lubricated gears
- Carburized and ground alloy steel spur timing gears
- Anti-Friction gears
- Ground steel shafts
- Center Timed for rotation in either direction

### Also Available in:

- URAI-DSL (Dual Splash Lube)
- URAI-G (Gas)
- URAI-Metric

### Direct Drop-in Replacement for:

- Sutorbilt Model 4HP
- Tuthill Model 4002

### Quick Specs

Flow Range	to 330 CFM
Max ΔPressure	15 PSI
Max ΔVacuum	16" Hg
Maximum RPM	3600
Minimum RPM	848
Max ΔT	240°F
Connection Size	1.5" FPT
Shaft Dia.	0.875"
Min Sheave Dia.	5"
Drive End Lubrication	Grease
Gear End Lubrication	Oil
Oil Sump Gear End Horiz Config	22.8 oz
Oil Sump Gear End Vert Config	12.7 oz
Bare Unit Weight	78 lbs
Shipping Weight	82 lbs
Shipping Container	Box
Box Size (L x W x H)	17" x 16" x 12"
Can Ship via	UPS Insured



## Roots Authorized

Representative  
Distributor

Packager

Repair Center

**816-207-0090**

Sound Enclosures

Custom Fabrication

Blower Packages

Valves, Gauges & Sensors

Spool Pieces

Blower Parts

Oil and Grease

Silencers & Filters

Filter Elements

Air Handling Equipment

Screw Conveyors

