

Roots® Blower



45 URAI-J

Part Number – 7406602x*

Repair Kit w/o Gears: 651080RK

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

Patented WHISPAIR™ blowers operate with up to 40% less pressure pulsation than conventional blowers, due to the pressure equalizing effect of the WHISPAIR jet design. This design results in longer bearing life, lower vibration, and reduces noise by approximately 5 dBA vacuum and 3 dBA pressure.

- 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
- URAI-DSL (Dual Splash Lube)
- URAI-J (Whispair)
- URAI-G (Gas)



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**

Quick Specs

Flow Range	to 395 CFM
Max ΔPressure	10 PSI
Max ΔVacuum	15" Hg
Maximum RPM	3600
Minimum RPM	848
Max ΔT	225°F
Connection Size	2.5" FPT
Shaft Dia.	0.875"
Min Sheave Dia.	5"
Drive End Lubrication	Grease
Gear End Lubrication	Oil
Oil Sump Gear End Horiz Config	14.5 oz
Oil Sump Gear End Vert Config	12.7 oz
Bare Unit Weight	119 lbs
Container	Box
Box Size (L x W x H)	17" x 16" x 12"
Shipping Weight on Skid	~160 lbs



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Recommended to Ship Via

Truck
