

Roots® Blower



36 URAI-J

Part Number – 7408602x*

Repair Kit w/o Gears: 651050RK

*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)

Quick Specs

Flow Range	to 330 CFM
Max ΔPressure	7 PSI
Max ΔVacuum	15" Hg
Maximum RPM	3600
Minimum RPM	1090
Max ΔT	225°F
Connection Size	2.5" FPT
Shaft Dia.	0.75"
Min Sheave Dia.	5"
Drive End Lubrication	Grease
Gear End Lubrication	Oil
Oil Sump Gear End Horiz Config	16 oz
Oil Sump Gear End Vert Config	8.5 oz
Bare Unit Weight	88lbs
Shipping Weight	92 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

