

# Roots® Blower



## 47 URAI-J

Part Number – 7408702x\*

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)

### Quick Specs

Flow Range	to 523 CFM
Max ΔPressure	7 PSI
Max ΔVacuum	15" Hg
Maximum RPM	3600
Minimum RPM	848
Max ΔT	225°F
Connection Size	3" 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	138 lbs
Container	Box
Box Size (L x W x H)	17" x 16" x 12"
Shipping Weight on Skid	~188 lbs
Recommended to Ship Via	Truck



## Roots Authorized

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Packager

Repair Center

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Blower Packages

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5155 E Front Street

Kansas City MO 64120

info@jlcomponents.com

816-207-0090

www.jlcomponents.com