

Roots® Blower



416 Tri-RAM

Part Number – RH-205406x*

Repair Kit: RK400TRI00T (Call if unit is bottom shaft)

*Part number changes dependent on shaft location, discharge, and optional feet and adapters.

- Tri-lobe impellers for less vibration and minimal downstream pulse
- The head plates and rigid, one-piece cylinders are cast iron, and the drive-end and gear covers are aluminum
- WHISPAIR™ discharge design combined with tri-lobe impellers for quieter operation than conventional tri-lobe blowers
- Carburized and ground alloy steel timing gears for long life and consistent performance
- Cylindrical roller bearings for longer bearing life
- Piston ring seals for less air leakage
- Splash lubrication from oil sumps with sight glasses on each end for easy maintenance
- Detachable feet and drive shaft extension to adapt to horizontal or vertical configuration



Quick Specs

Flow Range	to 1412 CFM
Max ΔPressure	12 PSI
Max ΔVacuum	16" Hg
Maximum RPM	4450
Minimum RPM	850
Max ΔT	240°F
Connection Size	8" FLG or Rect
Shaft Dia.	1.375"/35mm
Min Sheave Dia.	8"
Drive End Lubrication	Oil
Gear End Lubrication	Oil
Oil Sump Horiz Config	55 oz
Oil Sump Vert Config	27 oz
Bare Unit Weight	500 lbs
Container	Wood Skid
Skid Size (L x W x H)	42" x 29" x 23"
Shipping Weight on Skid	~550 lbs
Recommended to Ship Via	Truck

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



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