

# Roots® Blower



## 412 Roots-Flo

Part Number – T3032502x\*

Repair Kit w/o Gears: T30006RK

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

- Drop-in replacement for DuroFlow®, Equalizer®, and Big Jack equivalent blowers.
- Detachable steel mounting feet (feet are different for horizontal and vertical mounting)
- Ribbed cast iron casing and ridged headplates
- Piston ring seals reduce leakage through the shaft openings in the headplates.
- Lip type seals prevent lubrication from entering the air chamber.
- Machined and dynamically balanced ductile iron impellers with integral shafts
- Splash oil lubricated gears on drive and gear ends
- Carburized and ground alloy steel spur timing gears



### Direct Drop-in Replacement for:

***Gardner Denver DuroFlow 4512***

***Tuthill M-D Equalizer DF 4512***

***Big Jack Model A412***

### Quick Specs

Flow Range	to 1207 CFM
Max ΔPressure	15 PSI
Max ΔVacuum	16" Hg
Maximum RPM	4000
Minimum RPM	850
Max ΔT	275°F
Connection Size	6" Connectors
Shaft Dia.	1.4375"
Min Sheave Dia.	7.1"
Drive End Lubrication	Oil
Gear End Lubrication	Oil
Oil Sump Horiz Config	50 oz
Oil Sump Vert Config	30 oz
Bare Unit Weight	350 lbs
Container	Wood Skid
Skid Size (L x W x H)	42" x 29" x 26"
Shipping Weight on Skid	~400 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

