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Model Number: 46-069

Gardner Denver 46-069, TriFlow Ti410 Sutorbilt, 708 CFM Truck Mount Vacuum Blower Pump, TI650 Sapphire Scientific

Manufacturer: Gardner Denver Product

TriFlow 410 Sutorbilt Tri-Flw 650 cfm 13 hp Truck mount vacuum blower

46-069 mean Vertical Mounting, Top hand Crank for Clockwise Rotation

Is used on:

Sapphire Scientific 870SS

Compare to:

Sapphire Scientific 46-059 Right Hand Crank, Clock Wise Rotation, Bottom discharge.

Q. What is the difference between

GYCPJCA-0169, GYCPJCA-0203 and GYCPJCA0204?

Answer: "0203" - sight glass on right hand side of gear case when facing the drive shaft.

The "0169" does not have this feature. the "0204" was just assigned to Prochem for the Everest Truckmounts.

Gardner Denver is shaping the standards of performance and reliability in the design of positive displacement blowers and vacuum pumps. The tradition continues with the TriFlow Series vacuum pumps. Each TriFlow is engineered for a wide range of commercial and industrial applications. Specifically, TriFlow is the choice of leading Original Equipment Manufacturers (OEMs) of truck mounted vacuum

cleaning systems. TriFlow offers operators significant benefits and advantages:

- Great performance and efficiency in a compact design
- Quiet operation
- Highest quality materials and construction
- Flexible installation capability
- Reduced maintenance
- Available in 3 sizes – 406, 408 & 410
- TriFlow delivers
- – Vacuum to 16" Hg and Flows to 700 cfm (open flow)
- Leading OEM choice for vacuum cleaning systems
- Patented Tri-Lobe Design for quiet operation and low pulsation
- Heavy-duty design for reduced downtime

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- Advanced oil/air seals for reliable oil-free air delivery
- Independent oil sumps prevent cross contamination and allow the vacuum pump to operate safely on an incline when used in carpet cleaning applications
- The inlet and outlet ports include both flange and FNPT connections for ease of plumbing
- More than 5,000 units in active operation to date

TriFlow: Setting the Industry Standard Quiet Operation

- Three lobe impeller geometry allows higher throughput while creating lower pulsation levels than two lobe units, resulting in reduced noise
- An internal feedback porting arrangement contributes to the further reduction of noise

Quality Promise

- Backed by one of the largest distributor networks in the industry
 - Every TriFlow vacuum pump is built under rigid ISO 9001:2000 quality standards
 - Each TriFlow is individually tested to meet rigorous performance specifications
 - Factory Warranty Period
 - Factory 18 months from the date of shipment to SteamBrite from Factory or 12 month from date of installation - whatever occurs first.
- All sales final. Optional extended warranty available.

Quality Construction

- Each model incorporates the following for longer service life, reduced downtime and maintenance
- Highly reliable Dual Splash Lubrication
 - Heavy duty bearings
 - High strength timing gears
 - Integral heat dissipation fins on the case to help maintain proper clearances

Oil-Free air Delivery

- Piston ring seals are incorporated on each impeller shaft with a lip seal on the drive shaft, providing superior sealing to prevent oil leakage into the air chamber
 - Independent oil sumps prevent cross contamination and allow the vacuum pump to operate safely on an incline when used in carpet cleaning applications
- Build in oil level site windows.

Flexible Installation

- Unique, integral mounting surfaces are precision machined for ease of installation and drive system

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alignment
• Critical mounting dimensions are similar to those of existing two lobe positive displacement vacuum pumps allowing for system upgrades
• The inlet and outlet ports include both flange and FNPT connections for ease of plumbing

TI410 Out of Box Weight 211 lbs.

Factory recommends synthetic lubricant called PD Aeon

Brochure

Model Matrix

Prochem Truckmount Blowers used is the past

Availability: This product was added to our catalog on Monday 17 September, 2018