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Model Number: TI408-RHBD-S

Gardner Denver TriFlow TI408-RHBD-S, 549 CFM Sutorbilt Truck Mount Vac Blower Pump, PP140611 GYCLJCA0169

Manufacturer: Gardner Denver Product

Gardner Denver TriFlow TI408 Sutorbilt Truck Mount Vacuum Blower 140611  
Tri-Flow Prochem 86175390 Sapphire 46-070  
GYCLJCA0169 The "J" in the 5th position of the part number means (RHBD) Right  
Hand Crank Bottom Discharge  
GYCLJDA0169

Used on:

Prochem Everest 408 (Hyundai and Nissan Engines both with and without fuel  
injection) Sutorbilt Tri-Flw 408 cfm 13 hp Truck mount vacuum blower

Sutorbilt Tri-Flow 408 cfm 13 hg Truck Mount Vacuum Blower 140611  
Also used on Sears Ultratech EFI (Nissan Engine),  
Prochem Apex GTX, in both gasoline and diesel.

Current and past part numbers for this vacuum pump

Original part number 140611, TI408, PP140611

New Prochem part number 86175390 and 8.617-539.0

Ti408

PP140611

86175390

8.617-539.0

140611

GYCLJCA-0169

Ti408-RHBD-S

Blwr, Tri-Flow, Ti40

Sapphire Scientific 46-070

RH CW

Sapphire 46-070

GYCLJCA0169

GYCLJDA0169

GYCLJDA-0169

GYCLJCA0176

Legend Brands Cleaning 120066

The 4th letter "L" means for 408 series blower

CHECK TO SEE IF YOUR MODEL NUMBER HAS A "M" OR "J" STAMPED ON IT.  
THIS REPLACES THE "J" UNITS ONLY

Gardner Denver is shaping the standards of performance and reliability in the design

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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

Leading OEM choice for vacuum cleaning systems

- Patented Tri-Lobe Design for quiet operation and low pulsation

- Heavy-duty design for reduced downtime

- 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

– 18 months from the date of shipment from factory to dealer or - 12 months from the date of installation, whichever occurs first.

All sales final. Optional extended warranty available.

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## 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
- Built in oil level sight windows.

## 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

## Flexible Installation

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

TI408 Out of Box Weight 190 lbs

## A RHBD or Right Hand Bottom Discharge

TriFlow may also be used as a THRD or Top Hand Right Discharge. These are the only 2 ways to configure a RHBD machine. The "hand" refers to where the drive shaft is.

We also stock the GYCLMCA0169 Left hand bottom discharge part number 46-030

Factory recommends synthetic lubricant called PD Aeon

Brochure

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Model Matrix

Prochem Truckmount Blowers used is the past  
Prochem Everest and Everest TI408 Truck Mount Bower

Tri-Flow 408 Vacuum system  
, 408 @13" Hg,

Optional

Gardner Denver Brand Blower Oil Aeon PD-XD Full Synthetic Formula Extra  
Heavy Duty for High Heat Applications 28G47-QT

Truck Mount Blower Comparison

Availability: This product was added to our catalog on Sunday 02 September, 2012