Model Number: Ti410

Gardner Denver TriFlow Ti410 Sutorbilt 708 CFM Truck Mount Vac Blower 791249 Pump 86175370 TI650 GYCPJCA0203 107629

Manufacturer: Gardner Denver Product

TriFlow 410 Sutorbilt Tri-Flw 650 cfm 13 hp Truck mount vacuum blower 107629

Is used on: Prochem Everest 650 (Hyundai Engine) truckmount and
Sapphire Scientific 870 and Big Gulp 4500 Flood pumper truckmount

Sapphire Scientific Big Gulp 4500 Flood Pumper Truckmount Auto Pump Out

Original part number 791249
New part number 86175370, 8.617-537.0
GYCPJCA-0169, GYCPJCA-0176, GYCPJCA-0204
Also marketed under # PP86175370, TL 410 RHBD-HORZ,Ti410, Ti650

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?
GYCPJCA-0176
GYCPJCA0203
Legend Brands Cleaning 107629
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

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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
• 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

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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
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.

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.

Factory recommends synthetic lubricant called PD Aeon

Optional
Gardner Denver 28G46 Brand Blower Oil Aeon PD-XD Full Synthetic Formula Extra Heavy Duty for High Heat Applications 28G47-QT
All blowers shipped without oil. Please add oil to your shopping cart.

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Brochure

Model Matrix

Prochem Truckmount Blowers used is the past

Availability: This product was added to our catalog on Monday 19 January, 2009

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