Silent Pump

SOUND-ATTENUATED, ENGINE-DRIVEN PUMPS

Quiet, Reliable Pumping Systems

G&R GORMAN-RUPP PUMPS

The Pump People®

Silent Pump
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Solving Noise Pollution

Gorman-Rupp has been revolutionizing the pumping industry since 1933. Many of the innovations introduced by Gorman-Rupp over the years have become industry standards.

Gorman-Rupp developed its first self-priming centrifugal pump to provide our customers with a durable, reliable pump that could perform in a demanding environment. Since then, we've worked closely with our customers around the world to meet their solids-handling and clean fluid transfer needs.

With over one million Gorman-Rupp pumps and pump stations installed to date, we have the experience to intimately understand your pumping requirements. Our worldwide network of distributors has experienced industry professionals on staff, giving us firsthand knowledge of your most difficult applications.

We help you solve these challenges and make the most of your limited resources by designing our pumps and stations to deliver decades of trouble-free performance. When you choose Gorman-Rupp for your sound-attenuated lift-station back-up and bypass pumping applications, you'll experience some of the lowest life cycle costs in the industry and benefit from minimal service interruptions. And you'll enjoy one of the highest customer satisfaction ratings in the industry—guaranteed.

A Leading Choice

Introduced in 1993, sound-attenuated units were developed for use around hospitals, heavily trafficked areas or anywhere else where noise is needed to be kept at a minimum.

State-of-the-Art Equipment And Facilities

As the world's leading manufacturer of pumps and pumping systems, Gorman-Rupp offers you access to one of the largest and highest quality lines of pumps available in the marketplace today.

We maintain nearly one million square feet of the most modern manufacturing, testing and warehousing facilities in the world. Our experienced engineers take advantage of the latest technologies and innovations to custom-design, manufacture and assemble our products.

We perform rigorous testing based on Hydraulic Institute standards and test to customers' actual operating conditions in our state-of-the-art testing facility guaranteeing innovative, superior-quality products that are ready to tackle your toughest jobs.

To ensure you get the right equipment for your requirements, Gorman-Rupp partners with a worldwide network of distribution and provides them with the best and most extensive training. Gorman-Rupp distributors will work hand in hand with you to recommend, customize and specify equipment. And they are always available should you ever require service assistance.

With just one number to call for parts and service, it's easy and convenient to keep your equipment performing as it should.

Gorman-Rupp Sound-Attenuated Backup & Bypass Pumps:

Reliable And Easy To Maintain

A

B

C

Sound-Attenuated Pumps

Gorman-Rupp engine-driven pumps are equipped with auto-start and level controls that allow the pump to start and stop in response to the liquid level. Designed to deliver all the benefits of our diesel-driven, sound-attenuated pumps, ReliaPrime® emergency bypass stations operate on natural gas, making it another quiet, efficient and environmentally friendly addition to our family of industry leading engine-driven pumps.

A Super T Series®

Silent Pump

Size: 4" (100 mm) to 6" (150 mm)
Max Capacity: 1640 GPM (104 lps)
Max Head: 136' (41 m)
Max Solids: 3" (75 mm)

B Prime Aire®

Silent Pump

Size: 4" (100 mm) to 14" (350 mm)
Max Capacity: 9900 GPM (625 lps)
Max Head: 177' (54 m)
Max Solids: 3.5" (89 mm)

C ReliaPrime®

Super T Series®

Pump Size: 6" (150 mm)
Max Capacity: 1620 GPM (102 lps)
Max Head: 152' (46 m)
Max Solids: 3" (75 mm)
Engine: General Motors

Select models are available with a high-speed wheel kit or DOT-approved trailer with brakes and lighting kit.

D

E

F

D

ReliaPrime®
Ultra V Series®

Pump Size: 3” (75 mm)
Max Capacity: 770 GPM (49 lps)
Max Head: 110’ (33 m)
Max Solids: 3” (75 mm)
Engine: Zenith

E

ReliaPrime®
Prime Aire®

Pump Size: 3” (75 mm)
Max Capacity: 440 GPM (28 lps)
Max Head: 124’ (37 m)
Max Solids: 3” (75 mm)
Engine: Zenith

F

ReliaPrime®
Prime Aire®

Pump Size: 4” (100 mm)
Max Capacity: 638 GPM (40 lps)
Max Head: 101’ (30 m)
Max Solids: 3” (75 mm)
Engine: Zenith

The modular design, featured on PA Series® pump models, enables the addition/removal of a lightweight, aluminum, acoustically-treated enclosure to the standard fuel base. The enclosure provides excellent corrosion resistance and offers a significant reduction in sound levels.

Engine-Driven Silent Pumps:

Workhorses Inside The Enclosure

Ultra V Series®

Super T Series®

PA Series®

Industry Leading Technology

Super T Series® and Ultra V Series® silent pump units include all of the benefits of our popular self-priming centrifugal product lines. Our patented external shimless adjustment design, patented lightweight inspection cover, solids-handling impeller and long-lasting mechanical cartridge seal allow for economical operation and trouble-free service.

PA Series® priming-assisted models feature our venturi and compressor priming system. This system greatly reduces environmental concerns on sewage bypass operations and allow the pumps to operate under flooded suction conditions. Prime Aire® pumps are ideal in applications requiring long suction lines, intermittent flows or large volumes of air in the liquid being pumped.

Optional equipment available with Silent Pumps include: suction and discharge gauge kit*, DOT trailer for portable use and cold weather extended stay kit (oil, fuel and volute casing heater and solar battery charger), Eradicator® Solids Management System**.

**Option only available on Super T Series® and Ultra V Series® models.*

***Available on all Super T Series and Ultra V Series and select PA Series (wearplate only).*

Features

- Automatic start warming tone indicator
- Spill containment environmental base design
- Microprocessor level and systems control
- Lockable doors
- 24-hour continuous run-time fuel efficiency
- Corrosion-resistant enclosure
- Noise levels as low as 63 dBA while operating at full load
- Super T Series®, Ultra V Series® or Prime Aire® pump

Setting The Standard

Gorman-Rupp sound-attenuated, engine-driven pumps are environmentally engineered to operate much quieter than industry standards.

Corrosion-Resistant Enclosure

All units come standard with an industry leading lightweight, corrosion-resistant aluminum enclosure with integral steel base and fuel tank. Lockable enclosure doors prevent unauthorized personnel from interrupting the pump during unattended service.

Diaphragm Priming System

As an alternative to the venturi/compressor priming system, Gorman-Rupp offers an integrally mounted diaphragm vacuum pump for the priming assembly on select Prime Aire pump models. The diaphragm primer pump offers up to 60 CFM and vacuum to 30'. Consult factory for details.

Environmental Base

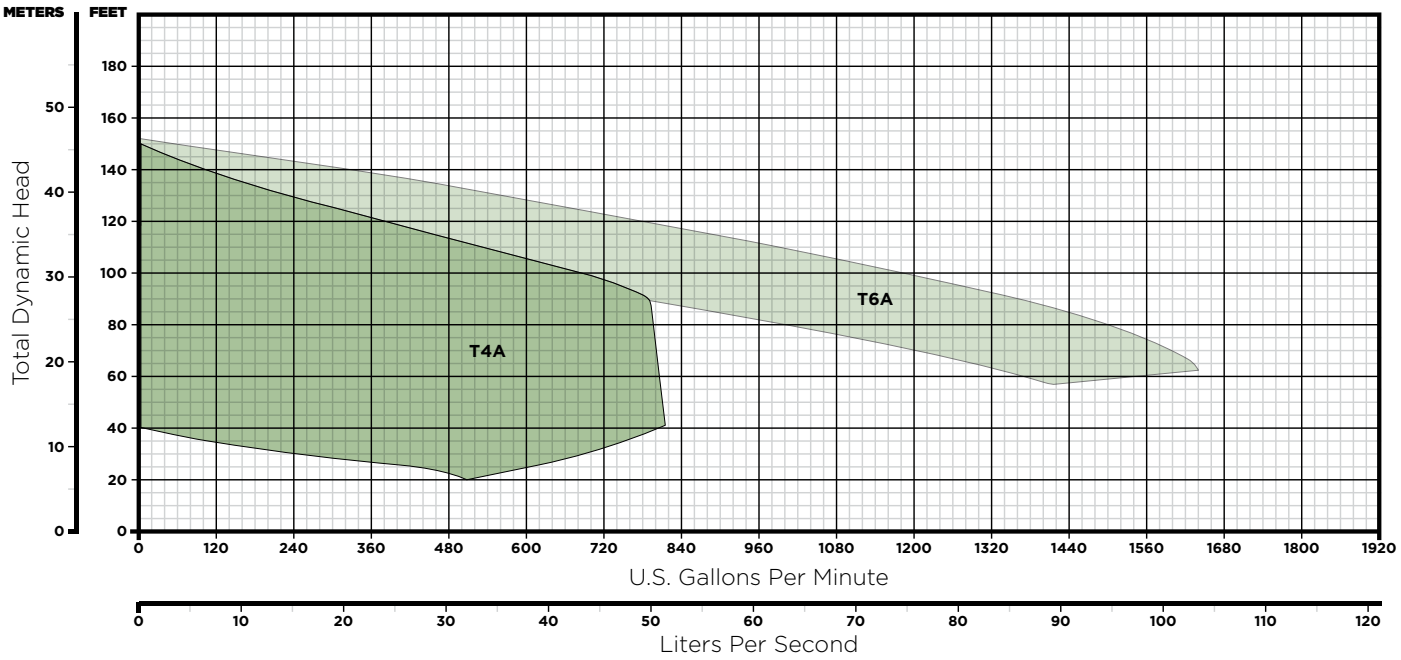
All sound-attenuated models include a built-in environmentally friendly base. Should a leak occur, the base contains the fluid and virtually eliminates the risk of costly cleanups. Drain ports are conveniently located in the base to allow servicing.

Standard Auto-Start Controls

Auto-start controls start and stop the pump in response to fluctuating liquid levels. A state-of-the-art microprocessor-based digital engine control monitors all engine functions including alarms. The control panel features an easy-to-read 32-character display.

Setting The Standard For Sound-Attenuated Performance

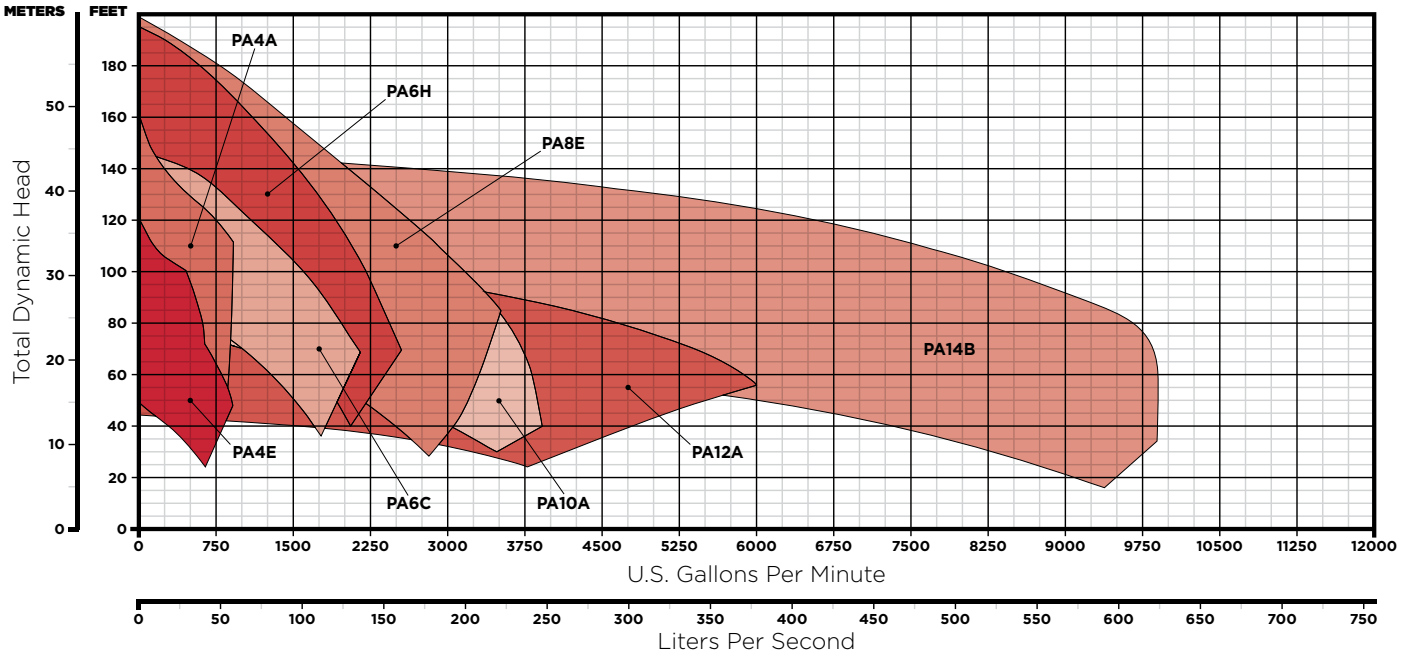
Self-Priming Models



Operating Ranges

Model	Size (Suc. x Dis.)	Max. Capacity	Max. Head	Max. Solids	Construction	Engine
T4A	4” × 4” (100 mm × 100 mm)	815 GPM (51 lps)	125’ (38 m)	3” (75 mm)	Cast Iron	Isuzu
T6A	6” × 6” (150 mm × 150 mm)	1640 GPM (104 lps)	136’ (41 m)	3” (75 mm)	Cast Iron	Isuzu, John Deere

Priming-Assisted Models

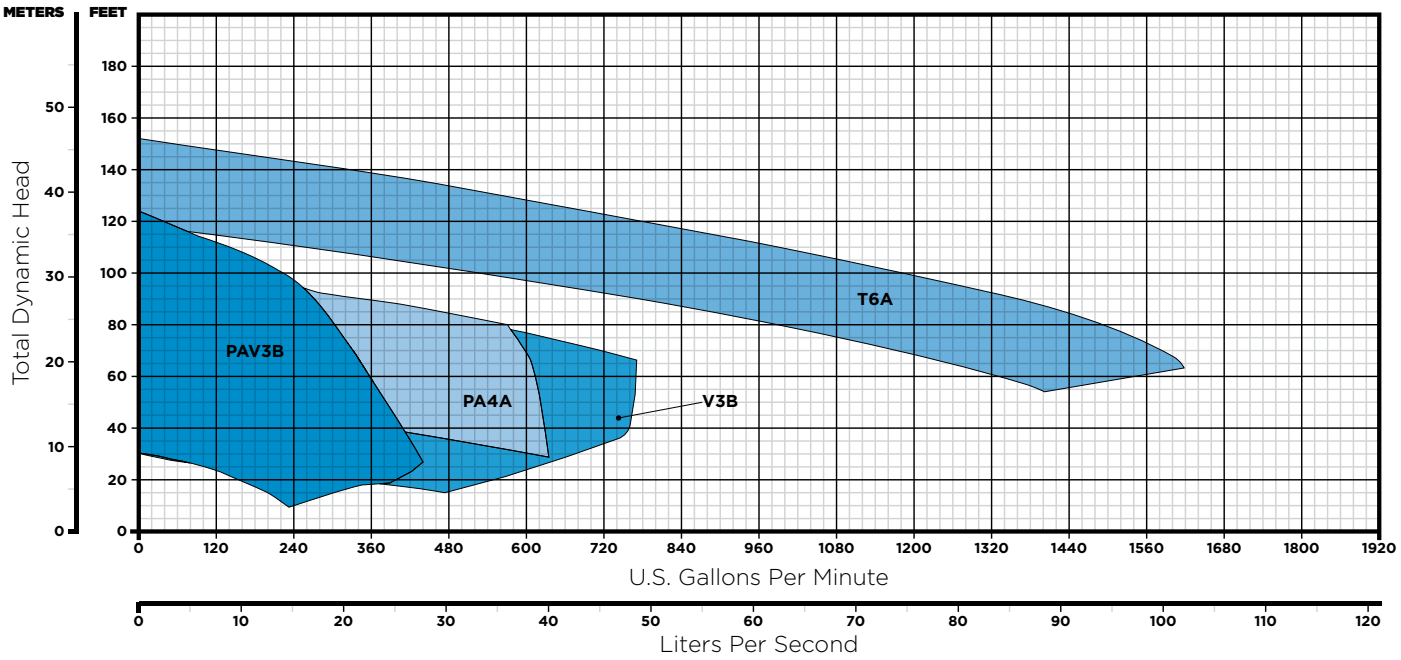


Operating Ranges

Model	Size (Suc. x Dis.)	Max. Capacity	Max. Head	Max. Solids	Construction	Engine
PA4A	4” × 4” (100 mm × 100 mm)	920 GPM (58 lps)	140’ (43 m)	3” (75 mm)	Cast Iron	John Deere
PA4E	4” × 4” (100 mm × 100 mm)	908 GPM (57 lps)	107’ (33 m)	3” (75 mm)	Cast Iron	Yanmar
PA6C	6” × 6” (150 mm × 150 mm)	2100 GPM (133 lps)	144’ (44 m)	3” (75 mm)	Ductile Iron	John Deere
PA6H	8” × 6” (200 mm × 150 mm)	2550 GPM (161 lps)	177’ (54 m)	3” (75 mm)	Ductile Iron	John Deere
PA8E	8” × 8” (200 mm × 200 mm)	3520 GPM (222 lps)	168’ (51 m)	3” (75 mm)	Ductile Iron	John Deere
PA10A	10” × 10” (250 mm × 250 mm)	3920 GPM (247 lps)	141’ (43 m)	3.25” (83 mm)	Cast Iron	John Deere
PA12A	12” × 12” (300 mm × 300 mm)	6000 GPM (379 lps)	104’ (32 m)	3” (75 mm)	Cast Iron	John Deere
PA14A	14” × 14” (350 mm × 350 mm)	9900 GPM (625 lps)	140’ (43 m)	3.5” (89 mm)	Ductile Iron	John Deere

Performance No Other Pump Can Deliver

ReliaPrime® Models



Operating Ranges

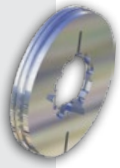
Model	Size (Suc. x Dis.)	Max. Capacity	Max. Head	Max. Solids	Construction	Engine
PAV3B	3” × 3” (75 mm × 75 mm)	440 GPM (28 lps)	124’ (37 m)	3” (75 mm)	Cast Iron	Zenith
PA4A	4” × 4” (100 mm × 100 mm)	638 GPM (40 lps)	101’ (30 m)	3” (75 mm)	Cast Iron	Zenith
T6A	6” × 6” (150 mm × 150 mm)	1620 GPM (102 lps)	152’ (46 m)	3” (75 mm)	Cast Iron	General Motors
V3B	4” × 3” (100 mm × 75 mm)	770 GPM (49 lps)	110’ (33 m)	3” (75 mm)	Cast Iron	Zenith

A New Era In Solids-Handling Technology

Super T Series® Eradicator® & Eradicator Plus

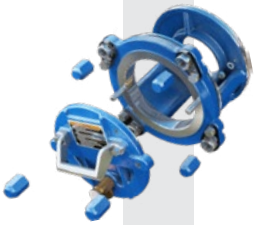
Ultra V Series® Eradicator®

PA Series® Eradicator®*



Design Features

The Eradicator system features an aggressive self-cleaning wearplate incorporating a number of notches and grooves, as well as a revolutionary tooth, that helps break up stringy materials and pass them through the pump without impacting performance or interrupting service.



System Benefits

Easier access to the impeller, improved operational efficiency, reduced maintenance costs and lower life-cycle costs are benefits of the Eradicator system. The innovative design of the patented lightweight inspection plate greatly reduces expensive downtime by providing easy access to the impeller. The system can be factory-equipped in new pumps or purchased as a retrofit kit that is interchangeable with Super T Series pumps currently operating in the field.

Advanced Solids Management

For those extreme-duty applications where trash bags, wipes, hair, industrial by-products and agricultural wastes are present, Gorman-Rupp has introduced the Eradicator Plus™. Based on the same principles of the Eradicator, this new solids reduction technology is ideal when cutting and tearing of debris entering the pump is required.

Heavy-Duty Impeller

Eradicator Plus pumps are equipped with a rugged, heavy-duty continuous vane impeller constructed of G-R Hard Iron for the most aggressive waste-handling applications. The pump out vanes incorporated into the thick back shroud help prevent the buildup of debris behind the impeller.

Replaceable Wearplate

The wearplate incorporated into Eradicator Plus pumps is constructed of extra-thick G-R Hard Iron. It utilizes the same notches and grooves as the Eradicator wearplate, but with an oversized lacerating tooth that is designed to cut and shred organic solids before they enter the interior of the pump.

**Select PA Series® models include Eradicator® wearplate only.*

After Sale Support

Gorman-Rupp products stand the test of time due to our quality manufacturing processes, rigorous product testing and extensive after sale support.

Product Support

Every pump manufactured by Gorman-Rupp is supported with reference information. Pump operation and maintenance manuals (including parts lists), specification data sheets, performance curves and outline drawings in PDF and CAD formats are available on our website or through your distributor for every pump.

Warranty

The warranties on Gorman-Rupp products are some of the best in the industry. Gorman-Rupp has you covered with warranties up to 60 months.

Education & Safety

Gorman-Rupp is committed to remaining at the forefront of the industry with technology and safety. Training videos, demos and in-person training sessions created for our distributors and end-users help to keep everyone up to date on the latest safety tips and pump maintenance.

Parts

When you need a replacement part, you'll have it fast. Gorman-Rupp is fully committed to keeping your equipment running long after installation and ensuring your pump or lift station continues to meet your requirements year after year. We sell parts through our network of distributors. Find a distributor in your area for assistance.

Service

Should your pump or lift station require service, our worldwide network of factory-trained distributors are ready to quickly respond. Our distributors have the expertise to support you and your pump or lift station long after installation.

Manufacturing Facilities

Gorman-Rupp USA
Mansfield, Ohio, USA

Gorman-Rupp Canada
St. Thomas, Ontario, Canada

Gorman-Rupp Europe
Waardenburg, Netherlands
Namur, Belgium

Gorman-Rupp Africa
Cape Town, South Africa
Durban, South Africa
Johannesburg, South Africa (Headquarters)

Distribution Center

Grand Prairie, Texas, USA

Engineering and manufacturing superiority has been the hallmark of Gorman-Rupp since our inception in 1933. Today we bring our products to life in some of the most efficient, modern and state-of-the-art manufacturing facilities in the world. Gorman-Rupp has a selection of nearly 3,000 pump models, and our world-class team of distributors has worked closely with thousands of end users around the world. We have the proven expertise and the resources to specify, manufacture, test and service your pump, and to ensure reliable performance for the long haul.

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GORMAN-RUPP PUMPS
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Product information is subject to change; consult factory for details.
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