



PUMPS FOR MUNICIPAL APPLICATIONS

From clean water to wastewater, Gorman-Rupp serves your community's pumping needs.



The Pump People®

MUNICIPAL PUMPS, SYSTEMS & LIFT STATIONS



A History of Solving Municipal Challenges

In 1933, Gorman-Rupp developed its first self-priming centrifugal pump to provide our customers with a durable, reliable pump that could perform in a challenging 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 systems installed to date, we have the experience to intimately understand water and wastewater pumping requirements. Our worldwide network of distributors has experienced industry professionals on staff, giving us firsthand knowledge of your most pressing challenges.

We help you solve these challenges and make the most of your limited resources by designing our pumps, lift stations and booster/reuse stations to deliver decades of trouble-free unattended performance. When you choose Gorman-Rupp for your municipal pumping applications, you'll experience some of the lowest lifecycle 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.



State-of-the-Art Equipment Built in State-of-the-Art 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 municipal pumps, engine-driven pumps, lift stations and water booster/reuse stations.

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 one-of-a-kind 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.



APPLICATIONS:

Wastewater and Sewage Handling

Belt Filter Press Feed Pumps	Portable Engine-Driven Pumps
Centrifuge Feed Pumps	RAS Pumps
Digester Recirculation Pumps	WAS Pumps
Effluent Pumps	Sludge Transfer Pumps
Equalization Pumps	Submersible Scum Pumps
Filter Feed Pumps	Supernatant Recirculation Pumps
Grit Pumps	Utility Non-Potable Water Pumps
Influent Pumps	

Water Systems

Low Line Pressure Boosting	Pressurizing Grids
Irrigation	Raw Water Transfer
Non-potable Water Reuse	Water Tower Filling

Emergency Back-Up and Bypass

OUR MUNICIPAL LINE OF PRODUCTS INCLUDES:

Municipal Pumps

The extensive line of renowned Gorman-Rupp municipal pumps includes self-priming centrifugal pumps, standard and horizontal end suction centrifugal pumps, submersible pumps and engine-driven pumps.

Lift Stations

Our full line of complete above-ground lift stations for sewage handling includes our ReliaSource® line of 100% Gorman-Rupp custom engineered and manufactured lift stations. Our lift stations can be used in new wastewater collection systems for community expansion or to retrofit an existing pump system.

Water Booster/Reuse Stations

Our pressure booster stations include pumps, motors, valves and controls housed in weather-proof fiberglass or steel enclosures in above-ground designs. These stations are available in a variety of sizes and configurations to meet just about any municipal water supply need.

Emergency Back-Up and Bypass Pumping Solutions

Our engine-driven pumping systems provide a reliable alternative to traditional emergency generators for lift station back-up and bypass. We design them to function in many situations where generators are ineffective, and they provide the best possible protection against sanitary sewer overflows.



For applications dealing with flushable wipes, rags, sludge or any other clog-prone materials, the Eradicator® Solids Management System is available for all sizes of Gorman-Rupp Super T Series®, Ultra V Series® and select Prime Aire®* pumps. For the most aggressive applications and more effective solids management, 3", 4" and 6" Super T Series models are available with Eradicator Plus™ technology for cutting and tearing organic solids before they are passed through the pump.

*Includes Eradicator® wearplate only.



INDUSTRY-LEADING SUPPORT & WARRANTY

Gorman-Rupp delivers reliable, long-lasting equipment to maximize your ROI and reduce your requirements for service.

Gorman-Rupp stands behind the quality of our municipal pumps, lift stations and water booster/reuse stations to ensure they meet your requirements for the long haul. To maintain industry-leading client satisfaction well beyond product installation, we offer a variety of services to meet your needs, including:

Training

We provide in-depth training seminars for technical and service personnel in our one-of-a-kind training facility. You'll learn about our products, technologies and how to service your equipment.

Service

Because our equipment is designed for minimum maintenance and ease of service, maintenance is simple and cost-effective to perform in-house, and only minimal resources are required to keep our pumps and pump packages operating at peak performance.

Our worldwide distribution network is available for service questions and support as well as warranty work. Should you wish to outsource service, our distribution network can provide ongoing service for your pump and/or pump package.

Fast Parts Service

When you need a replacement part for any of our products, you'll have it fast. With the largest pump and parts inventory in the industry at our disposal, we fill and ship most parts orders within 24 hours.

Industry-Leading Warranty

Gorman-Rupp stands behind our products with some of the best warranties in the industry. Our manufacturing processes and rigorous testing standards result in a quality product you can rely on in the toughest applications. We have you covered with warranties up to five years. Visit www.GRpumps.com/warranty for specific warranty information.



GORMAN-RUPP PUMPS: THE LONGEST LASTING PUMPS IN THE BUSINESS

Self-Priming Centrifugal Heavy-Duty Solids-Handling Pumps



Ultra V Series®

Size: 3" (75 mm) to 6" (150 mm)
Max Capacity: 1900 GPM (119.9 lps)
Max Head: 168' (51.2 m)
Max Solids: 3" (76.2 mm)



80 Series®

Size: 1.25" (32 mm) to 6" (150 mm)
Max Capacity: 1860 GPM (117.3 lps)
Max Head: 205' (62.5 m)
Max Solids: 1.9" (49.3 mm)



Ultra V Series® w/UltraMate®

Size: 3" (75 mm) to 6" (150 mm)
Max Capacity: 1900 GPM (119.9 lps)
Max Head: 325' (99.1 m)
Max Solids: 3" (76.2 mm)



10 Series®

Size: 1.5" (38 mm) to 12" (300 mm)
Max Capacity: 6700 GPM (422.7 lps)
Max Head: 130' (39.6 m)
Max Solids: 3" (76.2 mm)



Super T Series®

Size: 2" (50 mm) to 10" (250 mm)
Max Capacity: 3400 GPM (214.5 lps)
Max Head: 130' (39.6 m)
Max Solids: 3" (76.2 mm)

Self-Priming Centrifugal Limited Solids-Handling Pumps



Super U Series®

Size: 3" (75 mm) to 6" (150 mm)
Max Capacity: 1500 GPM (94.6 lps)
Max Head: 207' (63.1 m)
Max Solids: 1.25" (31.8 mm)

Standard Horizontal End Suction Centrifugal Pumps



6500 Series®

Size: 3" (75 mm) to 16" (400 mm)
Max Capacity: 15000 GPM (946.4 lps)
Max Head: 530' (161.5 m)
Max Solids: 4" (101.6 mm)


Submersible Centrifugal Solids-Handling Pumps



SF Series®

Size: 3" (75 mm) to 8" (200 mm)
Max Capacity: 3400 GPM (214.5 lps)
Max Head: 168' (51.2 m)
Max Solids: 3" (76.2 mm)
Horsepower: 3 HP to 75 HP

When paired with a variety of Gorman-Rupp pumps and pump packages, the EchoStorm™ venturi aeration system adds dissolved oxygen into a variety of Municipal liquids.



ReliaSource® 8x12
above-ground lift
stations feature
Super T Series®
and Ultra V Series®
pumps. Both set the
industry standards for
self-priming, solids-
handling pumps.

RELIASOURCE® LIFT STATIONS SET THE INDUSTRY STANDARD FOR SEWAGE PUMPING SYSTEMS—GUARANTEED

All ReliaSource® lift stations are engineered to accommodate an extensive selection of heavy-duty, solids-handling Gorman-Rupp self-priming or submersible pumps.



THE MUNICIPAL MARKET'S MOST RELIABLE LIFT STATIONS

Gorman-Rupp has been manufacturing dependable lift stations for over 50 years. We engineer a full line of above-ground packages, which are 100% Gorman-Rupp custom designed and assembled. All our lift stations offer an extensive selection of pumps, motors, controls, valves and accessories and are housed in durable fiberglass enclosures. The lift stations come pretested and ready for immediate hookup to power and piping.

ReliaSource® Lift Stations



ReliaSource® Modular Above-Ground Lift Station

Pump Size: 2" (50 mm) to 12" (300 mm)
Max Capacity: 5200 GPM* (328.1 lps)
Max Head: 320' (97.5 m)
Max Solids: 3" (76.2 mm)
Station Size: 10' (3.1 m) x 14' (4.3 m) to 11'6" (3.5 m) x 20' (6.1 m)



ReliaSource® Above-Ground Submersible Valve Package (ASVP)

Pump Size: 3" (75 mm) to 6" (150 mm)
Max Capacity: 1600 GPM* (100.9 lps)
Max Head: 155' (47.2 m)
Max Solids: 3" (76.2 mm)
Horsepower: 3 HP to 50 HP



ReliaSource® 8x9 Above-Ground Lift Station

Pump Size: 2" (50 mm) to 8" (200 mm)
Max Capacity: 2600 GPM* (164.0 lps)
Max Head: 160' (48.8 m)
Max Solids: 3" (76.2 mm)



ReliaSource® 7x10 Above-Ground Lift Station

Pump Size: 2" (50 mm) to 8" (200 mm)
Max Capacity: 2500 GPM* (157.7 lps)
Max Head: 160' (48.8 m)
Max Solids: 3" (76.2 mm)



ReliaSource® 8x12 Above-Ground Lift Station

Pump Size: 2" (50 mm) to 8" (200 mm)
Max Capacity: 2600 GPM* (164.0 lps)
Max Head: 320' (97.5 m)
Max Solids: 3" (76.2 mm)



ReliaSource® Auto-Start Lift Station

Pump Size: 2" (50 mm) to 10" (250 mm)
Max Capacity: 3400 GPM* (214.5 lps)
Max Head: 320' (97.5 m)
Max Solids: 3" (76.2 mm)



ReliaSource® 6x6T Above-Ground Lift Station

Pump Size: 2" (50 mm) to 6" (150 mm)
Max Capacity: 1475 GPM* (93.1 lps)
Max Head: 160' (48.8 m)
Max Solids: 3" (76.2 mm)



ReliaSource® Base-Mounted Lift Station

Pump Size: 2" (50 mm) to 10" (250 mm)
Max Capacity: 3400 GPM* (214.5 lps)
Max Head: 320' (97.5 m)
Max Solids: 3" (76.2 mm)



ReliaSource® 6x6 Above-Ground Lift Station

Pump Size: 2" (50 mm) to 6" (150 mm)
Max Capacity: 1300 GPM* (82.0 lps)
Max Head: 150' (45.7 m)
Max Solids: 3" (76.2 mm)

ENGINE-DRIVEN BACK-UP & BYPASS PUMPS ARE DESIGNED FOR LONG LASTING, TROUBLE-FREE OPERATION

Municipalities are using engine-driven pumps instead of traditional emergency generators for lift station back-up and bypass. 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 sound-attenuated silent pumps, the ReliaPrime® emergency bypass station operates on natural gas, making it another quiet, efficient and environmentally friendly addition to our family of industry leading engine-driven pumps.

Back-Up Systems



ReliaPrime® Super T Series®

Size: 6" (150 mm)
Max Capacity: 1600 GPM (100.9 lps)
Max Head: 152' (46.3 m)
Max Solids: 3" (76.2 mm)
Engine: General Motors



ReliaPrime® Ultra V Series®

Size: 3" (75 mm)
Max Capacity: 795 GPM (50.2 lps)
Max Head: 93' (28.3 m)
Max Solids: 3" (76.2 mm)
Engine: Zenith



ReliaPrime® Prime Aire®

Size: 3" (75 mm)
Max Capacity: 450 GPM (28.4 lps)
Max Head: 136' (41.5 m)
Max Solids: 3" (76.2 mm)
Engine: Zenith



ReliaPrime® Prime Aire®

Size: 4" (100 mm)
Max Capacity: 638 GPM (40.3 lps)
Max Head: 96' (29.3 m)
Max Solids: 3" (76.2 mm)
Engine: Zenith

MUNICIPAL BACK-UP & BYPASS PUMP CONFIGURATIONS

Gorman-Rupp can configure a fully operational back-up and bypass pumping system to best suit your needs. Typical options include:

ReliaPrime® Back-up System

- Comes complete with all components including:
 - Discharge check valve
 - Air release valve
 - Suction and discharge gauges
 - Cold weather package (if required)
- Energy-efficient natural gas engine and auto-start control to start and stop pump in response to liquid level
- Lightweight, corrosion-resistant aluminum enclosure maintains noise levels at 72 dBA or lower at full load

Portable Trailer Mounted Back-up

- Lowest cost option
- Can be easily transported for use at multiple locations

Portable Trailer or Base Mounted Stored at Lift Station

- Quick disconnect suction and discharge fittings
- Can be used occasionally for other pumping needs

Base Mounted Permanent Back-up

- Permanently installed
- Independent suction and discharge header
- LP or natural gas engine



BACK-UP, BYPASS & SLUDGE TRANSFER PUMPS THAT ARE RELIABLE & EASY TO MAINTAIN

Engine-Driven Emergency Back-Up, Bypass and Sludge Transfer Pumps

Portable self-priming engine-driven pumps are ideal for standby and emergency cleanup applications. This PA Series® features a two-year warranty.



Super T Series® Engine Driven
 Size: 4" (100 mm) to 6" (150 mm)
 Max Capacity: 1640 GPM (103.5 lps)
 Max Head: 130' (39.6 m)
 Max Solids: 3" (76.2 mm)



Prime Aire® Engine Driven
 Size: 3" (75 mm) to 14" (350 mm)
 Max Capacity: 9950 GPM (627.8 lps)
 Max Head: 420' (128.0 m)
 Max Solids: 3.5" (88.9 mm)



Super T Series® Silent Pump
 Size: 4" (100 mm) to 6" (150 mm)
 Max Capacity: 1640 GPM (103.5 lps)
 Max Head: 130' (39.6 m)
 Max Solids: 3" (76.2 mm)



Prime Aire® Silent Pump
 Size: 4" (100 mm) to 14" (350 mm)
 Max Capacity: 9950 GPM (627.7 lps)
 Max Head: 195' (59.4 m)
 Max Solids: 3.25" (82.6 mm)



Prime Aire Plus® Engine Driven
 Size: 3" (75 mm) to 16" (400 mm)
 Max Capacity: 15000 GPM (946.4 lps)
 Max Head: 575' (175.3 m)
 Max Solids: 4" (101.6 mm)



SludgeKat® Hydraulic Driven Sludge Transfer
 Size: 4" (100 mm)
 Max Capacity: 226 GPM (14.3 lps)
 Max Head: 390' (119.0 m)
 Max Solids: 2.4" (61.0 mm)



GORMAN-RUPP BOOSTER & REUSE STATIONS ARE BUILT FOR EFFICIENT, RELIABLE PUMPING YEAR AFTER YEAR—GUARANTEED



All Gorman-Rupp above-ground pressure booster and water reuse stations are shipped ready for immediate installation and hookup to power and piping.

Gorman-Rupp offers a full line of completely customizable above-ground pressure booster stations for a variety of municipal applications, including boosting low line pressure and pressurizing grids, water tower filling, raw water transfer and non-potable water reuse.

Water Booster/Reuse Stations



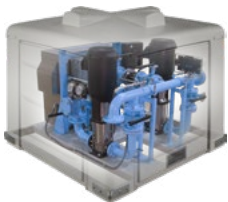
Auto-Start Booster Station

Pump Size: 2" (50 mm) and up
Accepts Self-Priming, Horizontal End Suction, Horizontal Split Case



7x10 Above-Ground Booster Station

Pump Size: 1.25" (32 mm) to 8" (200 mm)
Max Capacity: 1300 GPM* (82.0 lps)
Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, End Suction, Horizontal Split Case (up to 4")



6x6 Above-Ground Booster Station

Pump Size: 1.25" (32 mm) to 6" (150 mm)
Max Capacity: 750 GPM* (47.3 lps)
Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, Close Coupled End Suction



Modular Enclosures

Station Size: 8' (2.4 m) x 8' (2.4 m) to 24' (7.3 m) x 40' (12.2 m)
Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, Close Coupled End Suction, Horizontal Split Case



Base-Mounted Booster Station

Pump Size: 1.25" (32 mm) and up
Max Capacity: 15000 GPM* (441.6 lps)
Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, Close Coupled End Suction, Horizontal Split Case



Valve Vaults

Stations: Above- and Below-Ground Units

*Single pump operation

PRECISE MATCHING OF PUMPS & MOTORS WITH INTEGRINEX® CONTROLS ENSURES SYSTEM PERFORMANCE

Integrinex® Advanced with FloSmart® technology is available in new ReliaSource® lift stations.



The Gorman-Rupp team of electrical, mechanical and hydraulic engineers works closely throughout the development of each pumping system to ensure the entire system works in harmony to meet your system requirements – accurately and reliably.



The performance of any pumping system is dependent on the reliability and accuracy of the pump controls. Our expert electrical engineers help you design an efficient system that includes the best, precisely matched controls in the industry.

Integrinex® Liquid Level Controls

Integrinex® Basic

The affordable choice for simple and reliable plug and play performance, Integrinex Basic is designed for accurate Start/Stop operation in a duplex alternation pump system.

Integrinex® Standard

Integrinex Standard is the heart of every Gorman-Rupp lift station packed with the features you need most, including duplex and triplex alternation, level sensors, pump delay and alarms.

Integrinex® Advanced

Advanced control systems include Soft Starters and VFD's (variable frequency drives) to manage electric inrush, hydraulic shock and matching starting and stopping torque required by the pump. Integrinex Advanced controls are custom engineered to match your unique system requirements for the additional control you need. And now, when equipped with new FloSmart® technology, the Integrinex Advanced control system can detect a pump obstruction and run a cleaning cycle until the debris is cleared.

Integrinex® Remote View

All the functionality of our advanced system with the added convenience of remote tablet-based management and monitoring.



All Gorman-Rupp controls are manufactured using the highest quality components and are available UL listed.

GORMAN-RUPP IS A PROUD MEMBER OF:



★ Manufacturing Facilities
● Distribution Center

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

Gorman-Rupp offers the expertise, the facilities, the proven equipment and the industry-leading product support to meet all your municipal pumping needs. For sewage handling and clean water systems that deliver maximum value and require minimal service, contact the experts at Gorman-Rupp today.



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