

RELIASOURCE®



The image shows two industrial pump packages. The larger one in the background is green with its door open, revealing a white pump unit labeled 'T SERIES' and various pipes and valves. The smaller one in the foreground is also green with its door open, showing a similar internal structure. They are situated in an industrial environment with large storage tanks and pipes in the background.

RELIASOURCE® INDUSTRIAL PUMP PACKAGES

Total System Responsibility



The Pump People®



Super
T SERIES
GR
GORMAN-RUPP
PUMPS
MANSFIELD, OHIO U.S.A.

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A History Of Solving Industrial Challenges

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.

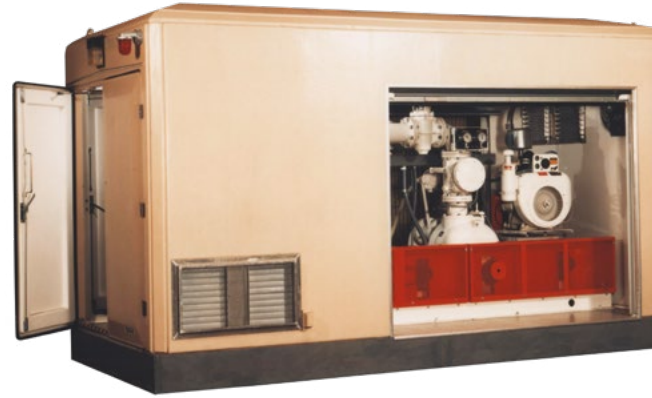
Gorman-Rupp developed its first self-priming centrifugal pump to provide our customers with a durable, reliable pump that could perform in a demanding environment. Since then, we've worked closely with our customers around the world to meet their solids-handling and clean fluid transfer needs.

With over one million Gorman-Rupp pumps and pump stations installed to date, we have the experience to intimately understand water and wastewater 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, packaged stations to deliver decades of trouble-free unattended performance. When you choose Gorman-Rupp for your industrial 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 History of Innovation

Gorman-Rupp has been manufacturing dependable stations for over 55 years. We engineer a full line of above-ground packages, which are 100% custom designed and assembled. All our lift stations come pretested and ready for immediate hookup to power and piping.



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 packaged 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 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.



ReliaSource®

Reliable, Heavy-Duty Systems

For decades, users have trusted Gorman-Rupp for the most reliable pump packages in the industry. But even the world's best pumps can't operate alone. ReliaSource® stations precisely match the right pumps, motors, controls and piping. Each system is pre-tested to ensure long-lasting, trouble-free operation.

Custom Engineering And Design

Gorman-Rupp's line of ReliaSource® above-ground stations are fully customizable and eliminate costly service interruptions caused by inferior components. With Gorman-Rupp quality inside and out, ReliaSource packages outlast and outperform other packages on the market, delivering the performance you can rely on. Guaranteed.

Specification

Our highly trained distribution team works hand-in-hand with both end users and consulting engineers to understand your challenges and analyze your total system requirements. Our distributors can help recommend and specify the best ReliaSource® station for the job.

Precisely Matched

Our experienced engineers custom design your ReliaSource system to your specifications and needs. They precision match pumps, motors, controls, valves, pipes and accessories for maximum compatibility and performance.

Factory Built

Components of a ReliaSource package are manufactured by Gorman-Rupp in our state-of-the-art facilities, taking advantage of the latest technologies and innovations. Each station is fully assembled in house by our experts.

Testing

Every ReliaSource station is rigorously tested using a wide range of testing options based on customer specifications and guided by Hydraulic Institute testing standards. By testing the complete unit under your unique operating requirements, we ensure your equipment performs exactly as it should.

Installation

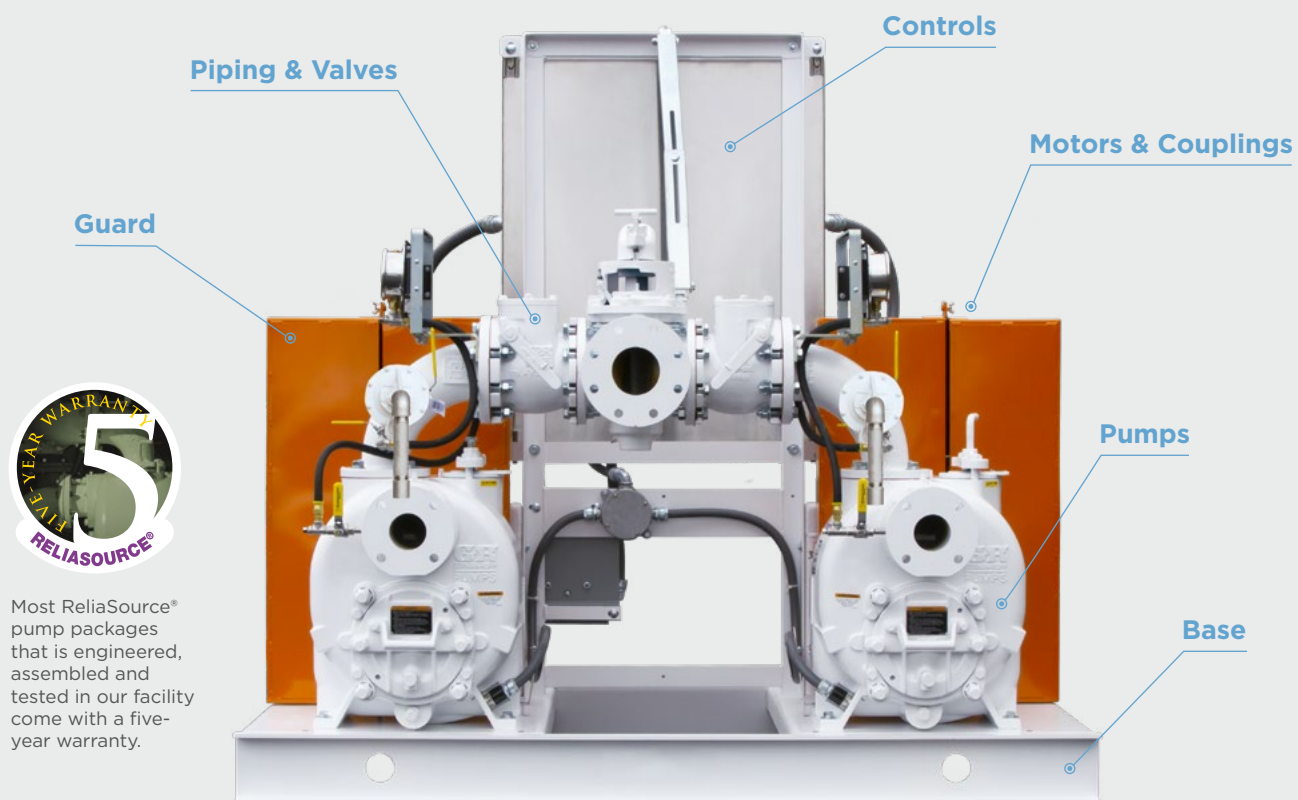
Once complete, ReliaSource stations are shipped from the factory, ready for professional installation. Just add power and connect piping for years of reliable station performance.

Parts And Service

When you need a replacement part for your pump package, you'll have it fast. With tens of thousands of genuine Gorman-Rupp parts and pumps in stock, we fill and ship most part orders within 24 hours. Should your package ever require service, our worldwide network of factory-trained distributors is ready to quickly respond to your needs. With just one number to call for parts and service, it's easy and convenient to keep your equipment operating at peak performance.



Industrial Pump Packages



Most ReliaSource® pump packages that is engineered, assembled and tested in our facility come with a five-year warranty.

Pumps

Gorman-Rupp offers a variety of pump types and sizes to choose from, including self-priming, submersible, priming assisted, standard centrifugal or positive displacement.

Controls

The performance of any pumping system is dependent on the reliability and accuracy of the pump controls. Gorman-Rupp offers everything from simple motor starters with circuit breakers to complex motor control centers with variable frequency drives and programmable logic controllers. All controls are available UL and cUL listed.

Motors & Couplings

Electric motors need to be connected to any pump for it to operate. When your need is for ODP, TEFC, Explosion-Proof or Mill-Chem duty, we can size the proper motor to your pump selection. In addition, a variety of coupling arrangements can be provided.

Piping & Valves

Gorman-Rupp can provide discharge check valves, isolation valves, air release valves and header piping for your package, all sized to meet pump selection capacities and solids-handling capability.

Base & Guards

Depending on the package, structural bases can be supplied for single or multiple pump arrangements. In addition, proper guarding can be provided to meet OSHA safety standards while still allowing operator maintenance for pumps or coupling devices.

Optional Equipment

Gorman-Rupp offers a variety of enclosures, providing security, easy maintenance and longer life for your pump package. To ensure uninterrupted pumping, an Auto-Start pump package is available. A 12V DC level control system uses a standby engine to drive the pump during power outages. When power is restored, electric motor operation resumes.

ReliaSource®-The Industrial Market's Most Reliable Packaged Stations

Gorman-Rupp has an experienced staff of engineers dedicated to the design, development, construction and testing of the most efficient and servicable packages in the industry. Our distributors are trained to help you design and build your system including pumps, motors, controls, valves and piping - the entire industrial package.



A



B



C

A Modular Above-Ground Packaged Station

Pump Size: 2" (50 mm) to 12" (300 mm)
Max Capacity: 5200 GPM* (328 lps)
Max Head: 325' (99 m)
Max Solids: 3" (76 mm)
Station Size: 10' (3 m) x 14' (4 m) to
11'6" (4 m) x 20' (6 m)

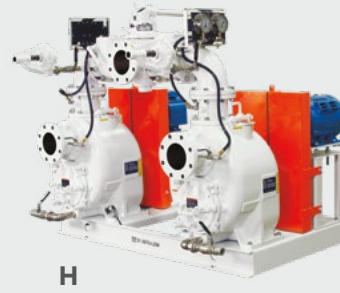
C 6x6T Above-Ground Packaged Station

Pump Size: 2" (50 mm) to 6" (150 mm)
Max Capacity: 1480 GPM* (94 lps)
Max Head: 158' (48 m)
Max Solids: 3" (76 mm)

B 8x12 Above-Ground Packaged Station

Pump Size: 2" (50 mm) to 8" (200 mm)
Max Capacity: 2660 GPM (168 lps)
Max Head: 320' (98 m)
Max Solids: 3" (76 mm)





D 6x6 Above-Ground Packaged Station

Pump Size: 2" (50 mm) to 6" (150 mm)
 Max Capacity: 1480 GPM* (94 lps)
 Max Head: 158' (48 m)
 Max Solids: 3" (76 mm)

E Above-Ground Submersible Valve Package (ASVP)

Pump Size: 3" (75 mm) to 6" (150 mm)
 Max Capacity: 2280 GPM* (144 lps)
 Max Head: 172' (52 m)
 Max Solids: 3" (76 mm)
 Horsepower: 3 HP (2 kW) to 50 HP (37 kW)

F 7x10 Above-Ground Packaged Station

Pump Size: 2" (50 mm) to 8" (200 mm)
 Max Capacity: 2660 GPM* (168 lps)
 Max Head: 158' (48 m)
 Max Solids: 3" (76 mm)

G Auto-Start Packaged Station

Pump Size: 2" (50 mm) to 10" (250 mm)
 Max Capacity: 3400 GPM* (215 lps)
 Max Head: 320' (98 m)
 Max Solids: 3" (76 mm)

H Base-Mounted Packaged Station

Pump Size: 2" (50 mm) to 10" (250 mm)
 Max Capacity: 3400 GPM* (215 lps)
 Max Head: 320' (98 m)
 Max Solids: 3" (76 mm)

*Single pump operation

Packaged Systems When You Need Them

When you need a station quickly, Gorman-Rupp is ready. ReliaSource[®] Express packages can be built and shipped in four weeks or less. 6x6, 6x6T and standard base-mounted stations are available with a variety of 3", 4" and 6" Super T Series[®] pumps. ASVP stations come equipped with applicable SF Series[®] pumps to suit your pumping needs. You will be able to choose from four station types, six Super T Series[®] pumps, all our applicable submersible models and specify mechanical and electrical components from a provided list. As long as the chosen components are within the programs parameters, the station will be shipped within weeks of the completed order.



1a



2a



3a



4a

Standard Mechanical Components

- Drain kit*
- Gauges**
- Automatic air release valves*
- Station insulation**
- Four hinged doors*
- 1" air release line***
- Pump/HP/voltage:***
 - Non-XP pumps
 - Must be 30 HP or lower
 - All SF pump models
 - 10 meter cable

Custom Mechanical Options

- Variety of discharge sizes*
- Discharge bypass (no dialer)*
- Spare parts kit*
- Spare rotating assembly*
- Alarm light/horn (ships loose)*
- Alarm agent*
- Motor placed above the pump base **(2a)**
- 4" or 6" discharge header size***
- Discharge bypass may be 4" or 6"***
- 4" suction bypass***
- Splice kit***
- Thrust clamps***
- Automatic air release valve ARV (GRP33-07)***
- Compression couplings***
- Heater***
- Alarm light shipped loose (no horn)***
- Hatch net***
- Portable hoist/socket***
- Alarm agent with only select contacts***
- T3A3S-B/WW, T3CSC-B/WW, T4A3S-B/WW, T4CSC-B/WW, T6A3S-B/WW, T6CSC-B/WW and all SF Series[®] submersible models where applicable **

Applicable for 1a, 2a and 3a. **Applicable for 1a, 2a, 3a and 4a. *Applicable for 4a. Consult the factory for more details.*

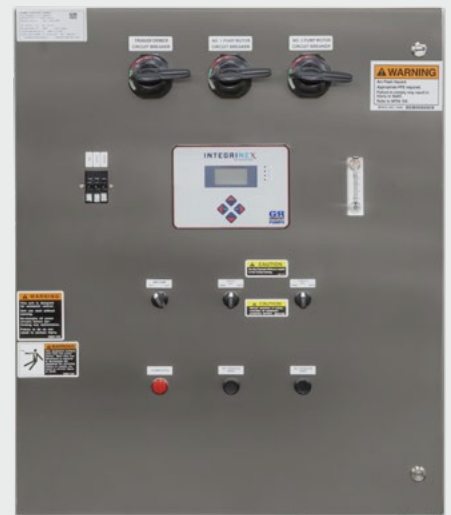
Standard Electrical Components

- NEMA 1 SST enclosure (mounted)**
- UL listed panel**
- 5KVa transformer**
- Spare 120V 15A breaker**
- Low temperature alarm**
- Panel heater**
- SPD**
- Pump run contacts**
- FVNR starters**

Custom Electrical Options

- HP/Voltage options**
- Integrinex**
 - I.S. Radar or Air Bubbler
 - Always includes I.S. Backup float
- Relay**
 - I.S. 4 Float control
 - Always includes pump #2 start delay

Integrinex: solving problems with controls.



ReliaSource® – The Complete Package

Our entire line of pumps can be packaged for industrial applications to provide a complete pumping solution. A quality pumping system relies on precise matching of all components. Gorman-Rupp ReliaSource® pump packages are designed, manufactured and tested for maximum compatibility and performance while offering superior serviceability.

At Gorman-Rupp, we refer to this concept as Total System Responsibility. What this means to you is faster, trouble-free installation and overall project savings.



Self-Priming

Size: 2" (50 mm) to 12" (300 mm)
Max Capacity: 6700 GPM (423 lps)
Max Head: 325' (99 m)
Max Solids: 3" (76 mm)



Priming-Assisted

Size: 3" (75 mm) to 16" (400 mm)
Max Capacity: 15400 GPM (972 lps)
Max Head: 540' (165 m)
Max Solids: 4" (102 mm)



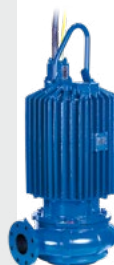
Standard Centrifugal

Size: 1.25" (32 mm) to 16" (400 mm)
Max Capacity: 15400 GPM (972 lps)
Max Head: 530' (162 m)
Max Solids: 4" (102 mm)



Rotary Gear

Size: 1" (25 mm) to 6" (150 mm)
Max Capacity: 600 GPM (2271 lpm)
Max Pressure: 300 PSI (21 bar)
Max Viscosity: 2000000 SSU (440000 cSt)
Temp Range: -60° F (-51° C) to 675° F (357° C)



Submersible

Size: 3" (75 mm) to 8" (200 mm)
Max Capacity: 3400 GPM (215 lps)
Max Head: 172' (52 m)
Max Solids: 3" (76 mm)
Horsepower: 3 HP (2 kW) - 75 HP (56 kW)

Applications:

- Storm Water Runoff
- Wastewater Treatment
- Building Trades
- Fly Ash
- Coal Pile Runoff
- Machining Coolants & Rinse Water
- Chemical Processing
- Water Supply
- Food Processing
- Hospital Waste
- Washroom Facilities
- Wash Down

Precise Matching Of Pumps And Motors With Integrinex® Controls

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.

Integrinex® Liquid Level Controls

Integrinex® Standard

Integrinex Standard is the heart of every Gorman-Rupp 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

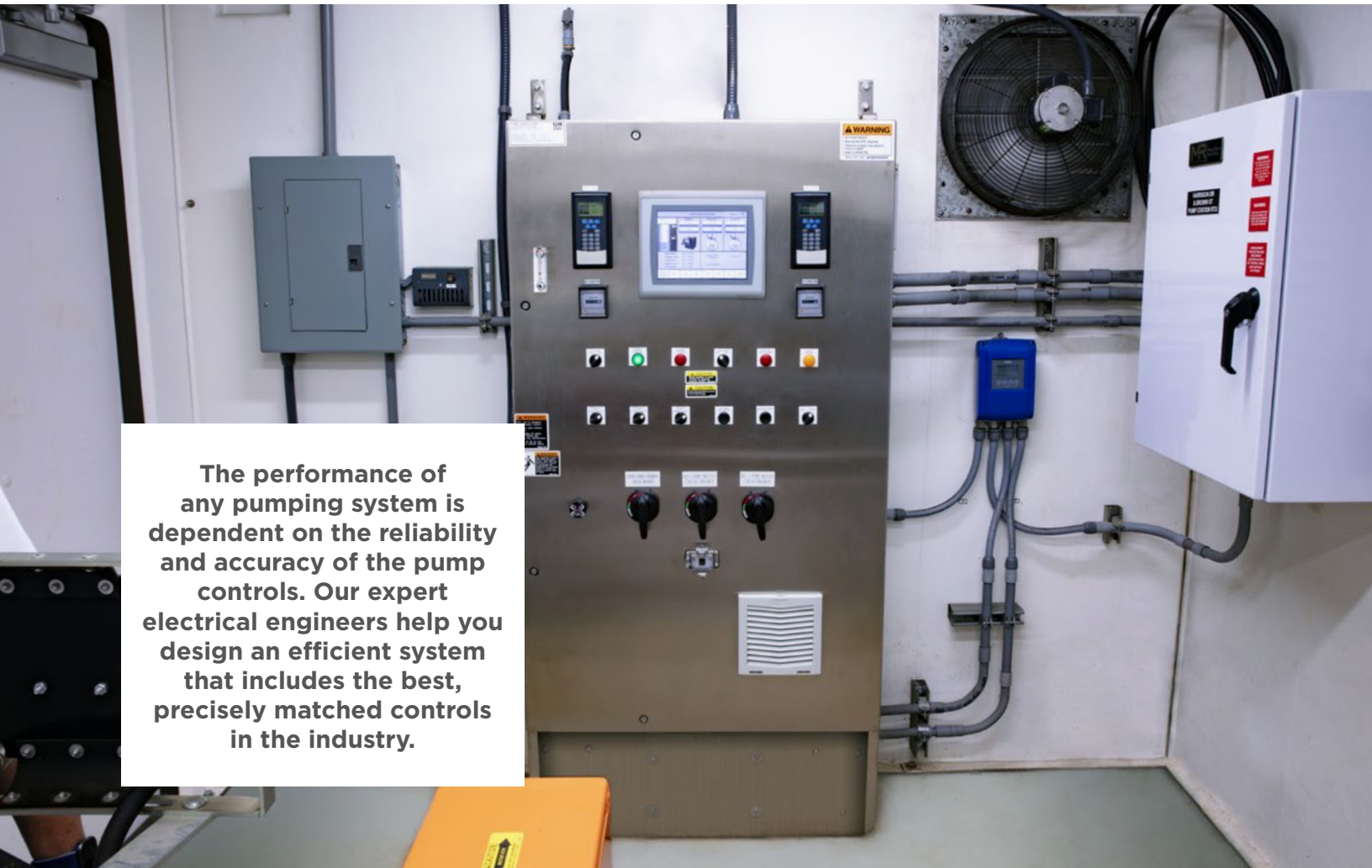
All the functionality of our advanced system with the added convenience of remote tablet-based management and monitoring.

INTEGRINEX®
ADVANCED
WITH **FloSmart®**
TECHNOLOGY

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



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.



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.

GRPUMPS.COM

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