



PRESSURE BOOSTER & WATER REUSE STATIONS

Gorman-Rupp provides clean water solutions for all your municipal water supply pumping needs.



The Pump People®

PROVIDING QUALITY PUMPING EQUIPMENT FOR OVER 85 YEARS



A History of Solving Industrial 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 stations installed to date, we have the experience to intimately understand industrial 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, and stations, to deliver decades of trouble-free performance. When you choose Gorman-Rupp for your industrial 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 industrial pumps available in the market place 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 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.

INDUSTRY-LEADING SUPPORT AND 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

The warranties on Gorman-Rupp products are some of the best in the industry. Because of our quality manufacturing processes and our rigorous product testing, we have confidence in the quality of our products. Thanks to our warranties, you can too. Gorman-Rupp has 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

The pumps used in Gorman-Rupp packaged water booster/reuse stations are designed for long lasting, trouble-free operation. Simplicity, precision balancing and accurate machining ensure long, efficient life, reduced maintenance costs and minimum power consumption.

Self-Priming Centrifugal 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)



80 Series®

Size: 1.25" (32 mm) to 10" (250 mm)
Max Capacity: 2800 GPM (176.7 lps)
Max Head: 205' (62.5 m)

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)



Size: 1.25" (32 mm) to 10" (250 mm)
Max Capacity: 2800 GPM (176.7 lps)
Max Head: 205' (62.5 m)



Close-Coupled

Size: 1.25" (32 mm) to 10" (250 mm)
Max Capacity: 2800 GPM (176.7 lps)
Max Head: 205' (62.5 m)

Horizontal Split Case Pumps



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

Vertical In-Line Pumps



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

Vertical Multi-Stage Pumps

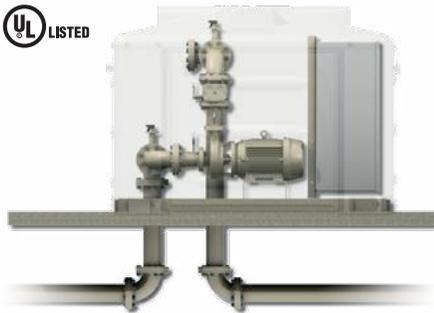


Size: 3" (75 mm) to 16" (400 mm)
Max Capacity: 15000 GPM (946.4 lps)
Max Head: 530' (161.5 m)

ADVANTAGES:

- Flows to 750 GPM per pump
- Wide range of discharge pressures
- Compact, low-silhouette design
- Enclosure cover can be easily removed for maintenance
- Unit shipped complete and ready for immediate hookup to power and piping
- Single source responsibility

6' X 6' ABOVE-GROUND STATION



6' x 6' above-ground pressure booster and water reuse stations are economical, compact, pre-engineered units shipped complete from the factory. Just add power and connect piping.

Outside, the neat, trim low-silhouette fiberglass cover blends with the surroundings. The fiberglass enclosure resists corrosion and provides protection from weather. Hinged and removable panels provide easy access to pumps and controls for maintenance and service. Its vandal-resistant design offers added security.

The fiberglass enclosure accommodates two pumps and motors sized to meet your requirements. Pumps are available in sizes up to 6" and capable of delivering flows to 750 GPM on single pump operation.

Specifications

Pump Size: 1.25" (32 mm) to 6" (150 mm)

Max Capacity: 750 GPM* (47.3 lps)

Motor Voltage: 200 V 3P, 230 V 1P, 230 V 3P, 460 V 3P

Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, Close-Coupled End Suction

**Single pump operation*

Standard Features

- Low-profile, fiberglass enclosure
- Simplex and duplex designs available
- NEMA 1 stainless steel control panel
- NEMA rated full voltage starters
- PLC based pressure control for multiple pumps with built-in:
 - Alternation
 - Minimum-run timers
 - Low suction alarm
 - Pump on/off delay timers
- Voltage monitor
- 3 KVA transformer
- Duplex receptacle
- Exhaust fan
- Steel piping with fusion-bonded epoxy
- Suction and discharge transducers
- Flanged suction and discharge
- Check valve(s)
- Isolation valves on suction and discharge of each pump

Optional Features

- UL Listed packaged pumping system
- Panel strip heater
- Surge protection device
- Pressure relief valve
- Individual suction and discharge gauges on each pump
- Four hinged access panels on enclosure

ADVANTAGES:

- Pumps are available in a wide range of flows and discharge pressures
- Unit shipped complete and ready for immediate hookup to power and piping
- Single source responsibility

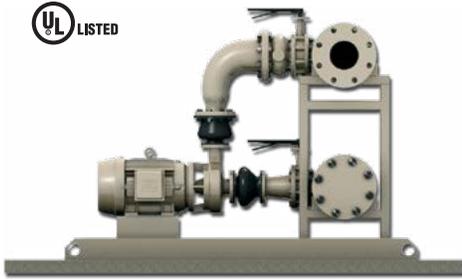


BASE-MOUNTED STATION

Specifications

Pump Size: 1.25" (32 mm) and up
Max Capacity: 15000 GPM* (946.4 lps)
Motor Voltage: 200 V 3P, 230 V 1P, 230 V 3P, 460 V 3P
Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, Close-Coupled End Suction, Horizontal Split Case

**Single pump operation*



Base-mounted pump stations are pre-engineered units with an extensive selection of pumps, motors, controls, piping and accessories. Gorman-Rupp has many standard designs for new installations, or we can customize a design for an existing installation with minimal hookup time.

Stations are available with a variety of pumps configurations to match the system requirements. For consistently heavy flows, additional pumps may be added. For high head/low flow applications, we offer multi-staged designs.

Standard Features

- Simplex, duplex and triplex or more designs available
- NEMA 1 stainless steel control panel
- NEMA rated full voltage starters
- PLC based pressure control for multiple pumps with built-in:
 - Alternation
 - Minimum-run timers
 - Low suction alarm
 - Pump on/off delay timers
- Voltage monitor
- 3 KVA transformer
- Duplex receptacle
- Steel piping with fusion-bonded epoxy
- Suction and discharge transducers
- Flanged suction and discharge
- Check valve(s)
- Isolation valves on suction and discharge of each pump

Optional Features

- UL Listed packaged pumping system
- Panel strip heater
- Surge protection device
- Pressure relief valve
- Individual suction and discharge gauges on each pump

ADVANTAGES:

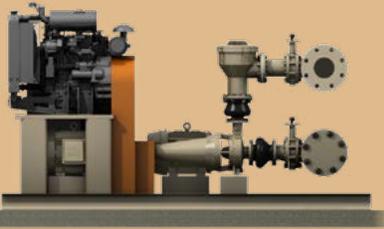
- No generator required
- During power outages, the controls switch from AC to DC power and run only during demand, shutting down once the system pressure has been restored
- Saves money in fuel costs, small foot print
- Pumps are available in a wide range of flows and discharge pressures
- Unit shipped complete and ready for immediate hookup to power and piping
- Single source responsibility



Specifications

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

AUTO-START STATION



Base-mounted auto-start pressure booster and water reuse stations use a pressure control which automatically converts to 12 V DC and drives the pump with a standby engine, providing normal pumping service during power failures. It meets all standby requirements and primary fuels are LPG or natural gas.

The auto-start unit is a space-saving, modular combination of pump, electric motor and engine, all coupled to the same drive, eliminating the need for an expensive engine/generator set.

Pressure booster auto-start units can be used to maintain constant grid pressure or for filling above-ground storage tanks.

When filling above-ground storage tanks, the control will receive a level signal from the tank that will start and stop the pump(s).

Standard Features

- Simplex, duplex and triplex or more designs available
- NEMA 1 steel control panel
- NEMA rated full voltage starters
- PLC based pressure control for multiple pumps with built-in:
 - *Alternation*
 - *Minimum-run timers*
 - *Low suction alarm*
 - *Pump on/off delay timers*
- Voltage monitor
- 3 KVA transformer
- Duplex receptacle
- Includes AC and DC controls
- Steel piping with fusion-bonded epoxy
- Suction and discharge transducers
- Flanged suction and discharge
- Check valve(s)
- Isolation valves on suction and discharge of each pump
- One pump includes a standby engine

Optional Features

- UL Listed packaged pumping system
- Panel strip heater
- Surge protection device
- Pressure relief valve
- Individual suction and discharge gauges on each pump



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.

ADVANTAGES:

- Flows to 1300 GPM per pump
- Wide range of discharge pressures
- Enclosure cover can easily slide in either direction or be completely removed for maintenance
- Unit shipped complete and ready for immediate hookup to power and piping
- Single source responsibility



7' X 10' ABOVE-GROUND STATION

Specifications

Pump Size: 1.25" (32 mm) to 8" (200 mm)

Max Capacity: 1300 GPM* (82.0 lps)

Motor Voltage: 200 V 3P, 230 V 1P, 230 V 3P, 460 V 3P

Accepts Self-Priming, Vertical Multi-Stage, Vertical In-Line, End Suction, Horizontal Split Case (up to 4")

*Single pump operation



7' x 10' above-ground pressure booster and water reuse stations are complete systems, ready for immediate installation and hookup to power and piping.

The low-silhouette and color of the Quonset-type fiberglass enclosure blend in with surrounding landscaping. It also resists corrosion, mildew, fungus and mold. The two-way sliding cover provides easy access to all equipment for maintenance or service. Vandal-resistant door hardware and padlockable sliding cover are available for added security. 7' x 10' stations include up to three (depending on horsepower) pumps in sizes up to 6" and capacities up to 1300 GPM on single operation.

Standard Features

- Fiberglass enclosure with hinged access door
- Simplex, duplex and triplex designs available
- NEMA 1 stainless steel control panel
- NEMA rated full voltage starters
- PLC based pressure control for multiple pumps with built-in:
 - Alternation
 - Minimum-run timers
 - Low suction alarm
 - Pump on/off delay timers
- Voltage monitor
- 3 KVA transformer
- Duplex receptacle
- Exhaust fan
- Roll-off cowl to allow service of pumps and motors
- Steel piping with fusion-bonded epoxy
- Suction and discharge transducers
- Flanged suction and discharge
- Check valve(s)
- Isolation valves on suction and discharge of each pump

Optional Features

- UL Listed packaged pumping system
- Panel strip heater
- Surge protection device
- Pressure relief valve
- Individual suction and discharge gauges on each pump

ADVANTAGES:

- Pumps are available in wide range of flows and discharge pressures
- Unit shipped complete and ready for immediate hookup to power and piping
- Single source responsibility



BASE-MOUNTED STATION WITH MODULAR ENCLOSURE

Specifications

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

Gorman-Rupp pre-engineered modular enclosures are convenient, affordable and durable. The enclosures can be expanded in increments of 2 feet. They range in size from 8' x 8' to 24' x 40'. Because they are pre-engineered, they avoid the cost associated with designing and engineering a custom station housing.

The enclosures are made from corrosion- and mildew-resistant fiberglass which is impervious to caustic or acidic atmosphere and is UV resistant. White gelcoat covers the interior for easy maintenance and maximum reflection of light.

Strong and dependable, the enclosure will withstand winds up to 150 mph and has a snowload rating of 40 lbs. per square foot. R factors are 20+ (R10 is standard).

Lighting, heating and ventilation are installed, pre-wired and ready for immediate operation. Durable, 3-point stainless steel door lock is standard for added security.

Enclosures are available in green, gray, tan or white (solid or pebble finish).



Standard Features

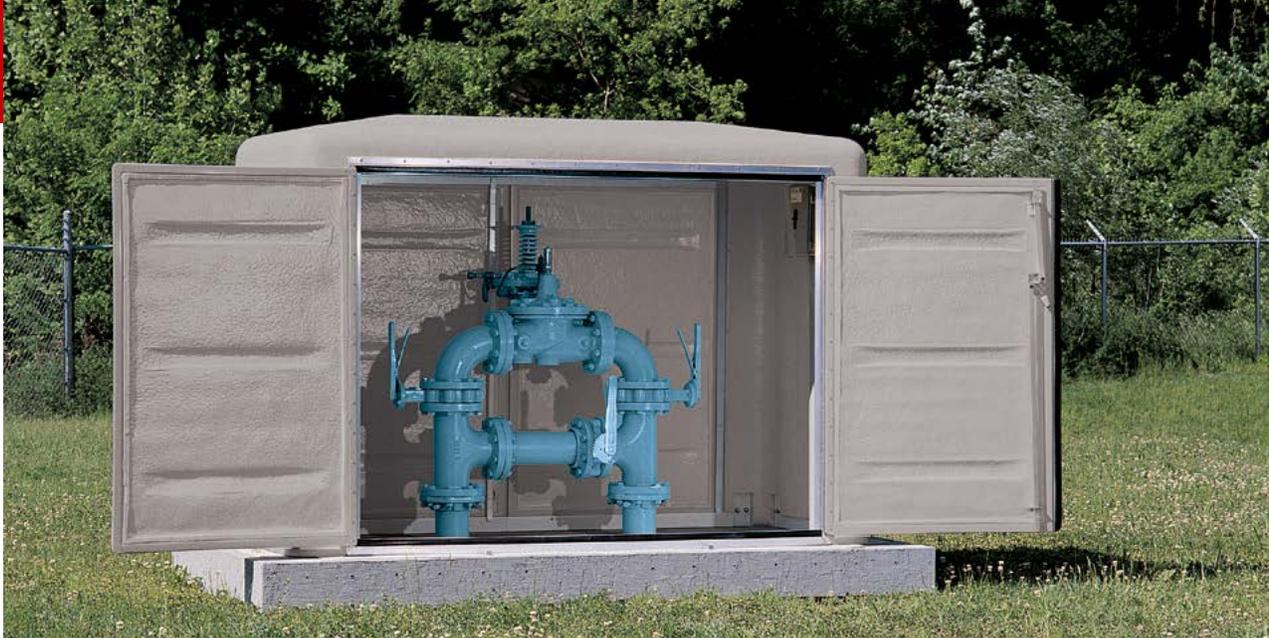
- Modular, fiberglass enclosure
- Simplex, duplex and triplex or more designs available
- NEMA 1 stainless steel control panel
- NEMA rated full voltage starters
- PLC based pressure control for multiple pumps with built-in:
 - Alternation
 - Minimum-run timers
 - Low suction alarm
 - Pump on/off delay timers
- Voltage monitor
- 3 KVA transformer
- Duplex receptacle
- 3' x 6'8" access door
- Station light
- Steel piping with fusion-bonded epoxy
- Suction and discharge transducers
- Flanged suction and discharge
- Check valve(s)
- Isolation valves on suction and discharge of each pump
- Unit shipped complete with pre-wired base so owner/contractor only needs to connect power and piping

Optional Features

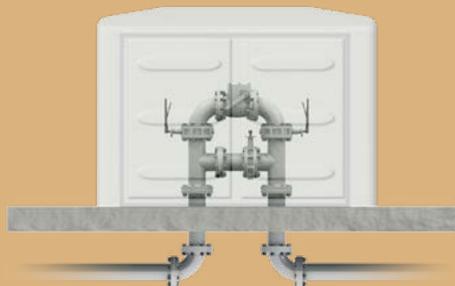
- UL Listed packaged pumping system
- Panel strip heater
- Surge protection device
- Pressure relief valve
- Individual suction and discharge gauges on each pump

ADVANTAGES:

- Wide range of valve sizes
- Compact, low-silhouette design
- Enclosure cover can be easily removed for maintenance
- Unit shipped complete and ready for immediate hookup to power and piping
- Single source responsibility



VALVE VAULTS



Above-ground unit

Valve vaults are compact, weather and vandal resistant custom engineered systems ready to perform a variety of valve functions. These above-ground units can house pressure reducing, surge control, altitude valves or flow meters.

Above-ground enclosures are made of corrosion, mildew, fungus and mold resistant fiberglass and have access doors on both sides to ease inspection and maintenance duties.

Standard Features

- Individual suction and discharge gauges
- Flanged suction and discharge
- Check valve
- Isolation valves on suction and discharge of each pump
- Ductile iron pipe



Dependable station controls are engineered to meet your requirements and have a variety of adjustable pressure controls, H-O-A selectors for each pump, overload reset buttons and circuit breakers for station accessories.

Automatic controls operate pump functions and warning systems. All field connections are clearly identified for fast and efficient electrical hookup.

All standard NEMA rated enclosures are available to meet even the most rigid specifications. Custom enclosures can be provided for unique applications.

CONTROL PANELS

Standard Features

- NEMA 1 stainless steel enclosure
- PLC based pressure control with built-in:
 - Lead pump/lag pump alternation
 - Minimum-run timers
 - Low suction pressure shut-down/alarm
 - Pump on/off delay timers
- Heavy-duty branch circuit breakers
- Full voltage NEMA rated magnetic, VFD and soft starters
- Overload protection on all phases
- Main entrance terminal block
- Panel corrosion inhibitor
- Alarm silence circuit
- Voltage monitor
- 3 KVA transformer
- Duplex GFI receptacle
- Suction and discharge transducers
- Pump run lights
- Elapsed time indicators
- Pump sequence selectors
- 120 volt control circuit w/breaker
- All internal wiring factory installed

Optional Features

- Panel strip heater
- Surge protection device



CLEAN WATER-HANDLING SOLUTIONS DESIGNED WITH YOUR NEEDS IN MIND



★ **Manufacturing Facilities**
● **Distribution Centers**

Gorman-Rupp USA
Mansfield, Ohio, USA

Gorman-Rupp Canada
St. Thomas, Ontario, Canada

Gorman-Rupp Europe
Culemborg, Netherlands

Gorman-Rupp Belgium
Namur, Belgium

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

Distribution Centers
Dubai, United Arab Emirates
Grand Prairie, Texas, USA
Culemborg, Netherlands

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



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