

Solutions & Upgrades for Gorman-Rupp® Pump Users

Enhance Reliability • Reduce Clogging • Simplify Maintenance • Extend Equipment Life

As your local authorized Gorman-Rupp representative, Envirep helps you maximize the performance, reliability, and lifespan of your pumping equipment. Whether seeking anti-clogging retrofits, spare assemblies, OEM replacement parts, or complete turnkey stations, our experienced technical team is here to support you.

01 SOLUTIONS GUIDE

Operational Upgrades and Anti-Clogging Solutions

Reduce Clogging with Eradicator™ Solids Reduction Technology

Eliminates severe clogging caused by wipes, rags, stringy materials, and debris found in municipal wastewater.

- **Aggressive Self-Cleaning Wearplate:** Features precision notches, grooves, and a lacerating tooth to break up stringy debris before entering the impeller.
- **Easy Access Inspection Ports:** Lightweight coverplate allows rapid clearance of obstructions.
- **Seamless Retrofit:** Can be easily installed in existing Gorman-Rupp T-Series® and V-Series® pumps or supplied with new equipment.



Upgrade Classic T-Series® to Super T-Series®

If your facility operates Classic T-Series® pumps, upgrading to the Super T-Series® delivers enhanced performance, superior solids-handling capability, and easier maintenance.

- **Direct Drop-In Fit:** Super T-Series® pumps match the installation footprint of Classic T-Series® models, allowing simple, cost-effective retrofits.
- **Modular Retrofit Option:** Super T-Series® rotating assemblies fit directly into Classic T-Series® volutes, eliminating the need to modify existing suction and discharge piping.
- **Improved Safety & Maintenance:** Features external shimless wearplate adjustment and atmospheric barrier for enhanced bearing protection.



New & Improved Discharge Check Valves

Gorman-Rupp recently introduced a new, improved version of its discharge check valve designed to reduce clogging, simplify maintenance, and improve reliability. The upgraded discharge check valves provide improved flow characteristics and convenient access for inspection and cleaning. Now available in 4-inch, 6-inch, and 8-inch sizes.

- **Large Inspection Cover:** Provides clear access to the valve interior to remove debris without dismantling station piping.
- **Streamlined Interior:** An improved internal flow path reduces areas where wipes, rags, and other stringy materials can become trapped, helping to minimize clogging.
- **Compact Design:** The short face-to-face dimension makes them especially well-suited for tight pump station layouts and simplifies replacement of existing valves where space is limited.
- **Retrofit Kits:** Available for existing Gorman-Rupp check valves.



02 SOLUTIONS GUIDE

Maintenance, OEM Parts & System Reliability

Minimize Downtime with a Spare Rotating Assembly

A spare rotating assembly is the most cost-effective insurance policy against unexpected pump downtime and critical station overflows.

- **Rapid Field Replacement:** Simply pull out the failed rotating assembly and drop in the pre-assembled spare in under an hour.
- **Offline Maintenance:** Rebuild the original assembly back in your shop on your regular schedule, then place it back on the shelf as a ready spare.



Genuine Gorman-Rupp OEM Parts Inventory

Protect your equipment investment by using original manufacturer parts engineered to meet exact factory tolerances.

- **Guaranteed Fit & Performance:** Non-OEM or knock-off parts compromise efficiency, void warranties, and accelerate internal wear.
- **Local Stocking & Fast Delivery:** Envirep maintains an extensive local inventory of impellers, mechanical seals, wearplates, shafts, and overhaul kits.
- **Expert Technical Support:** Our experienced team verifies pump serial numbers to ensure accurate part identification every time.



Integrinex™ Advanced Level Controls

Accurate level monitoring is critical for reliable pump station operation. Gorman-Rupp Integrinex™ controls offer dependable, intuitive level management tailored to your wet well.

- **Versatile Sensing Technologies:** Integrinex™ systems support Bubbler units, Submersible Pressure Transducers, Ultrasonic Transducers, and Float Controls.
- **Direct Equipment Integration:** Designed specifically for Gorman-Rupp control panels to optimize level control and pump cycling.



Envirep Service Agreements

Keep your Gorman-Rupp pumps and pumping stations operating reliably with an Envirep Service Agreement. Experienced technicians can identify developing problems through scheduled preventive maintenance before they lead to costly repairs, emergency service, or station downtime.

- **Improved Reliability:** Identify worn components and potential problems before failures occur.
- **Reduced Downtime:** Schedule repairs at convenient times instead of during emergencies.
- **Longer Equipment Life:** Routine maintenance helps extend the life of pumps, motors, valves, and controls.
- **Better Budgeting:** Plan for repairs and replacement parts before they become unexpected expenses.
- **Experienced Local Support:** Envirep technicians are experienced with Gorman-Rupp pumps and pumping stations.

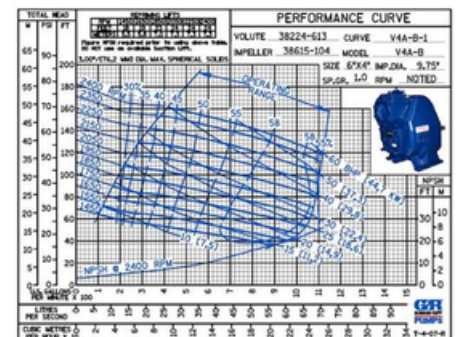


03 SOLUTIONS GUIDE

Complete Pumping Systems & Specialized Applications

Pump Selection & Application Assistance

Gorman-Rupp centrifugal pumps are an excellent solution for a wide range of municipal pumping applications. Our engineering team assists with flow, total dynamic head (TDH), and pump curve evaluations to size and select equipment for reliable, energy-efficient operation.



- **Above-Ground Serviceability:** Keeps service personnel out of hazardous wet wells while providing safe, convenient maintenance access.
- **System Upgrades & Replacements:** Whether replacing an aging pump, increasing station capacity, or upgrading an existing installation, we can evaluate operating conditions and recommend Gorman-Rupp equipment suited to the application.

Sludge Pumps

Gorman-Rupp self-priming centrifugal pumps provide significant advantages over many positive displacement pumps in wastewater sludge service, including lower initial capital costs, simpler mechanical layouts, easier maintenance, and reduced long-term operating costs.

- **Sludge Handling up to 6% Solids:** T-Series® and V-Series® pumps excel in primary sludge, WAS, RAS and recirculation applications.
- **Variable Flow Capability:** When equipped with a variable-frequency drive (VFD), pump speed can be adjusted to match changing sludge flow requirements, providing greater operational flexibility and optimizing pump performance.



High-Performance SF Series Submersible Pumps

For submersible pump applications, Gorman-Rupp SF Series submersible solids-handling pumps provide a rugged, dependable solution for demanding municipal wastewater service.

- **Superior Solids Handling:** Designed to pass spherical solids and handle stringy materials, helping to minimize clogging and maintain dependable operation.
- **Thermal & Moisture Protection:** Continuous-duty motors incorporate protective monitoring features, dual mechanical seals, and thermal and moisture sensors to provide early warning of conditions that could damage the pump or motor.



Portable Engine-Driven Pumps

Gorman-Rupp portable engine-driven pumps deliver robust bypass and emergency response capabilities during power outages, emergency bypass pumping, sewer bypass, tank dewatering, and pump station retrofits.

- **Continuous Operation:** Engine-driven mobile units provide reliable storm resilience and uninterrupted bypass capabilities when primary power fails.
- **Expert Sizing:** Envirep helps you select the ideal pump model by matching your exact flow rate, total dynamic head (TDH), and solids-handling needs.
- **Risk & Cost Mitigation:** Investing in a dedicated unit eliminates expensive emergency rental fees and safeguards your facility against overflows.



ReliaSource® Pumping Stations

Gorman-Rupp ReliaSource® packaged pump stations deliver complete, factory-tested turnkey systems with total single-source accountability.

- **Total System Responsibility:** Complete packaged enclosures, pumps, piping, and controls designed, built, and tested by Gorman-Rupp.
- **Complete Pumping System:** Designed for dependable operation, convenient maintenance, and long service life.
- **Rigorous Testing:** Every ReliaSource lift station is tested based on customer specifications and guided by the Hydraulic Institute testing standards.



HOW CAN ENVIREP HELP YOUR FACILITY?

Contact the Envirep technical sales team today for field evaluations, pump sizing, equipment upgrades, or quotes for genuine OEM parts.

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