

Get It All with Grundfos Plumbing!
ONE PARTNER,
ALL *the* PUMPS.

Boosting + Hot Water Recirculation + Sump & Sewage



GRUNDFOS 



SUMP AND SEWAGE

Optimized wastewater removal for commercial building applications designed with innovative hydraulics, providing industry-leading solids handling, enhanced wear resistance and maximized energy-efficiency.



UNILIFT KP/AP

Sump Water Ejection in Elevator Pits

Submersible drainage pumps suitable for both temporary and permanent free-standing installation. They can be used for pumping drain water or grey wastewater and are suitable for installation in collecting tanks.

TECHNICAL DATA

- Max flow rate: 140 gpm
- Max total dynamic head: 52 ft
- Material: Stainless steel

FEATURE AND BENEFITS

- Simple installation
- Service and maintenance-free
- Reliable



SEG GRINDER

Effluent and Untreated Sewage Transfer

The patented grinder system ensures extremely high efficiency and reliable operation. The SEG Grinder combines cost-effectiveness with maximum environment protection by facilitating the use of smaller pressure pipes for minimal investment costs.

TECHNICAL DATA

- Max flow rate: 158 gpm
- Max head: 158 ft
- Material: Cast iron & stainless steel

FEATURE AND BENEFITS

- Efficient grinder system
- Watertight cable plug
- Quick removal system



SL1/SLV/SL RANGE

Commercial Wastewater Ejection

Free-flow (SuperVortex) and single-channel S-tube impeller pumps designed for pumping wastewater in a wide range of applications. Made of resistant materials to ensure a long and reliable operation.

TECHNICAL DATA

- Max flow rate: 1300 gpm
- Max head: 147 ft
- Max solid size: 4 in
- Material: Cast iron and stainless steel

FEATURE AND BENEFITS

- Quick removal system
- Watertight cable plug
- Easy to open clamp



SE RANGE

High Performance Wastewater Ejection

Technologies rooted in high overall efficiencies, advanced physical pumps design, superior hydraulic performance, and adaptive control features help make the SE range the most fundamentally sound wastewater pump on the market

TECHNICAL DATA

- Max flow rate: 5390 gpm
- Max head: 279 ft
- Max solid size: up to 5 in

FEATURE AND BENEFITS

- S-TUBE® Impeller reduces clogs and maximizes efficiency
- Moisture-proof stainless steel plug
- Easy-open clamp for quick pump maintenance access



PACKAGED LIFT STATION

Wastewater ejection of high fiber content, effluent and groundwater

Quick removal systems are pre-installed for easy installation of up to two pumps. In addition, all necessary components, such as piping and valves, are built-in and supplied in corrosion-resistant materials.

TECHNICAL DATA

- Diameter size: Up to 48 in for SE pumps
- Diameter size: Up to 67 in for SL1/SLV pumps
- Depth size: 78-236 in

FEATURE AND BENEFITS

- Tank is designed to withstand uplift caused by high water table
- Easier installation as concrete foundation is not necessary



CU362 DEDICATED CONTROL

Intelligent Monitoring and Control Solution

The panel-mounted CU362 controls up to six sump and sewage pumps and includes display for pump operation, alarm status, run times, cycle counter, and with continuous level transmitter applications, provides simple set point selection of all pump control and alarm levels. When used with Grundfos SL/SLV pumps with the WIO sensor version, the CU362 Controller will display the motor temperature and the percent of Water and Oil in the double seal chamber.

BENEFITS

- User-friendly display interface with intuitive setup wizard simplifies installation and operation
- In addition to comprehensive basic features, user-defined input/output functions can be added
- Continuously learns and adapts to duty conditions to ensure the lowest energy consumption
- Automatically and precisely monitors flow using innovative Grundfos integrated flow calculation feature, or by wiring in a physical flow meter



LC241 CONTROL BOX

Simplex and Duplex Level Control Panels

Single or two-pump controllers designed for level control and monitoring and protection of wastewater pumps, water supply and drainage systems. They offer effective and reliable control functions; and basic control with easy commissioning and maintenance.

BENEFITS

- A complete controller with motor protection relay and control unit for protection against water hammer
- Automatic pump changeover, ensuring even distribution of operating hours on both pumps
- Selection of automatic test run (every 24 hours) during long periods of inactivity, and of alarms and alarm resetting, automatic restart and more

Grundfos offers non mercury type float switches for standard and explosion proof pumps as an accessory option.



PRESSURE BOOSTING SYSTEMS

Optimized water pressure for commercial buildings designed with Grundfos-made components for single-source accountability and peace of mind. Our fully integrated, all-in-one packaged systems are made to meet changing capacity requirements with optimal efficiency.

HYDRO MPC BOOSTERPAQ® Industries Most Advanced Pumping System

Hydro MPC BoosterpaQ systems are superior pump systems with advanced control capability. The Hydro MPC BoosterpaQ system offers the greatest flexibility, together with control capability and available system variation, for applications requiring the best in quality, reliability and control.

TECHNICAL DATA

- Max flow rate: 4200 gpm
- Max head: 635 ft
- Liquid temp: 32°F to 176°F
- Customizable solution: up to 435 psi



FEATURE AND BENEFITS

- Optimized control with advanced functionality
- Constant pressure
- Low-energy consumption
- Intuitive control interface
- ASHRAE 90.1-2010 compliant
- NSF/ANSI 61 and 372 drinking water certified
- BMS integration utilizing Grundfos CIM cards

HYDRO MULTI-E Intelligent Multi Pump System

The Hydro Multi-E pumping system is an innovative pressure boosting solution that delivers energy savings and comfort through parallel-mounted Grundfos CRE variable-speed pumps. This space-saving solution provides simple control via a multi-pump VFD control, and arrives ready to install.

TECHNICAL DATA

- Max flow rate: 1000 gpm
- Max head: 535 ft
- Liquid temp: 32°F to 176°F
- Max working press: 232 psi



FEATURE AND BENEFITS

- Constant pressure, all-variable speed control
- Simple installation
- Low-energy consumption
- ASHRAE 90.1-2010 compliant
- NSF/ANSI 61 and 372 drinking water certified
- BMS integration utilizing Grundfos CIM cards

CMBE / CMBE TWIN High-Efficiency Compact Booster

The compact CMBE booster pump systems provides unmatched reliability, quiet operation, and energy savings with an all-in-one modular solution that includes pump(s), motor, tank, pressure and flow sensor, controller and check valve. Thanks to the integrated speed controller, the CMBE and CMBE twin keeps a constant pressure in the pipe system.

TECHNICAL DATA

- Max head: 360 ft
- Max flow: 160 gpm
- Max working press: 145 psi



FEATURE AND BENEFITS

- All-in-one compact boosting solution
- Constant pressure
- Reliable and easy to install
- High efficiency ECM motor reduces operating costs
- Low noise (55dB or less in typical use)

CRE-PLUS Simplex Pump System

A simplex vertical inline multi-stage plug-and-pump system with control capability through an integrated VFD. The CRE Plus optimizes pumping efficiency at all times, saving energy, driving down costs and lessening system wear and tear. CRE pumps maintain constant pressure, even with the most challenging variations in demand.

TECHNICAL DATA

- Max flow rate: 450 gpm
- Max head: 790 ft.
- Liquid temp: max. +176°F
- Max working press: 362 psi



FEATURE AND BENEFITS

- Constant pressure, variable speed control
- Simple installation
- Low energy consumption
- Reduced maintenance
- ASHRAE 90.1-2010 compliant
- NSF/ANSI 61 and 372 drinking water certified
- BMS integration utilizing Grundfos CIM cards

CR PUMP LINE Complete Range of Vertical Multistage Variable Speed Pumps

The Grundfos CR is the world's number one vertical multistage centrifugal pump, known for its reliability, efficiency and adaptability. Our complete CR pump range provides every option necessary for commercial building boosters.

FEATURE AND BENEFITS

- Compact, inline design fits into a small footprint
- Easy installation and operation with factory-installed settings and internal connections
- Highly efficient design reduces energy consumption by up to half, compared to fixed speed pumps
- Unique cartridge seal design can be replaced in minutes
- Remote control/fieldbus monitoring and data collection
- Building management system compatible

GRUNDFOS ENGINEERED SYSTEMS Expertly Designed, Factory-Packaged Pumping Solutions

Grundfos Engineered Systems (GES) offers a broad range of products from standard designs to site specific, engineered-to-order solutions. These solutions include optimized pumping systems with the selection of most efficient pump types and technologies and intelligent controls available for each application. The GES packages arrive pre-wired, pre-piped and pre-commissioned. A GES packaged system will eliminate the headaches of cost over-runs and unforeseen operational problems often experienced with a component system. Total cost and schedule are accurately determined long before installation is completed.

FEATURE AND BENEFITS

- Easy plug-and-pump installation: pre-wired, pre-piped, pre-commissioned, pre-tested
- 100% Grundfos-sourced for one point of contact
- Built in a Grundfos-enlosed facility to ensure fewer delays and timely delivery
- Systems integration
- Hydraulic design
- Controls and communications
- Project management and execution
- BMS integration utilizing Grundfos CIM cards



HOT WATER RECIRCULATION

Minimize water waste and maximize comfort and convenience with instant hot water when and where building occupants need it with Grundfos hot water recirculation pumps for commercial building applications.

MAGNA3

Wet Rotor Circulator with Intelligent Permanent Magnet Motor

MAGNA3 is the most efficient circulator pump for domestic hot water recirculation systems. Designed with Grundfos' unrivalled, industry-leading, electronic pump expertise, the permanent magnet motor, temperature control capabilities and integrated frequency converter make MAGNA3 an energy-saving, intelligent pumping solution.

TECHNICAL DATA

- Max flow rate: 550 gpm
- Max head: 60 ft TDH
- Liquid temp: 14°F to 230°F
- Max working press: 145 psi

FEATURE AND BENEFITS

- Market-leading efficiency minimizes energy costs
- Easy installation with integrated pump, motor and control
- Intelligent control modes reduce investment costs and provide complete system control
- Full range of single and twin circulators ensure perfect fit and low life-cycle costs

Intelligent Domestic Hot Water Recirculation

- Minimize water waste and maximize comfort and convenience with instant hot water when and where building occupants need it
- Save energy with onboard temperature controls and dramatically reduce time required to balance system with VFD
- Dual head MAGNA3 and TPE3 smart pumps operate in parallel, or alternate, to reduce wear and tear, and provide redundancy for mission critical applications
- Grundfos CIM technology provides 30+ points of data and control, out-of-the-box, that deliver real-time information to your BMS, allowing users to combat Legionella growth

UP / UPS

Wet Rotor Circulators

For low flow and smaller commercial applications. UP/UPS circulators offer multi-fixed speed for single fixed speed models.

TECHNICAL DATA

- Max flow rate: 275 gpm
- Max head: 60 ft
- Liquid temp: 140°F
- Max working press: 145 psi

FEATURE AND BENEFITS

- Quiet operation
- Wet rotor technology uses the pump medium to cool the motor
- Maintenance-free
- No bearings or mechanical seal

OPTIONAL

Timers and thermostat controls are available to limit pump operation during periods when hot water is consumed.



ADDITIONAL COMMERCIAL BUILDING PUMPING SOLUTIONS

GRUNDFOS GO REMOTE

Pump Monitoring and Controller

Grundfos GO Remote gives you complete control over every aspect of pump and multi-pump performance. GO can monitor all relevant pump data, group pumps for increased manageability, change settings and much more. GO Remote works with all Grundfos E-pumps and communicates using both radio and infrared technology. It provides live pump data feeds (duty point, power consumption, speed, liquid temperature). The alarm log system has been designed to make error codes fully descriptive and intuitive.

Stay Connected

With GO Remote, you will never be out of touch. You get around-the-clock help such as quick-links to all relevant documentation and full integration with our easy online sizing and replacement tools. You will always be at the forefront of mobile pump technology.

Save Time

GO Remote has been designed to save you time and effort. The built-in PDF generator stores your pump reports (documenting your pump configurations) and important notes safely in an easy-to-share format. This saves you the trouble of dealing with pen, paper and printouts. In larger systems, you can install or reconfigure groups of pumps easily and quickly with the Clone Pump Settings function.



TANKS, SEPARATORS AND HEAT EXCHANGERS

Grundfos offers a complete line of pump system accessories for efficient system operation and energy transfer.

FEATURE AND BENEFITS (GRUNDFOS GFXA TANKS)

- Hydro-pneumatic tanks with replaceable bladder for pressure boosting applications
- ASME Code and comply with NSF/ANSI Standard 61
- Allow for efficient operation and provide pressure reference for energy saving STOP Function
- Integrated pressure gauge and bladder integrity monitor with easy access air valve



WE ARE IN THE WATER BUSINESS WITH YOU

As a pioneer and global leader in water pump technology, Grundfos creates intelligent, sustainable solutions to help solve the world's water and climate challenges. Through our heritage, we have the experience and innovative capabilities to help our partners, customers and communities move water in an increasingly energy and water efficient manner. We see this as not only a great business opportunity, but as an obligation to ensure the world heads toward a more sustainable tomorrow. Our complete portfolio of pumps and solutions are designed for commercial, residential, groundwater, municipal and industrial applications with emphasis in trendsetting, energy efficient technologies such as permanent magnet motors and advanced pump controls and monitoring. Because water matters, and so does your business.

To learn more, visit grundfos.us or follow us on Facebook and LinkedIn.

Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.