Water and wastewater solutions
Grundfos in North America

The acquisitions enable Grundfos to offer a wide range of solutions for both water and wastewater applications. From multistage industrial and submersible pumps, to disinfection systems and massive sewage pumping stations, the Grundfos portfolio offers solutions to your individual needs.

Water industry experience and expertise across the board

Along with our full product range, Grundfos has decades of vast proven experience in developing controllers, motors and monitoring systems for a more complete offering in optimum pumping solutions. This experience ensures a perfect match with hydraulics, motors, electrics and all other mechanical components. Our pumping knowledge drives the technology-advanced pumping solutions and ensures the best possible efficiency point.

Founded in 1945 in Bjerringbro, Denmark, Grundfos is a global pump and pumping systems provider with an annual production of more than 16 million units. To support plans for strategic growth in North America, Grundfos acquired Paco, Peerless and Yeomans Chicago Corporation, which have added valuable resources and competencies to the region.
The right solution for every step of the cycle
With products as diverse as submersible pumps for raw water intake, complete disinfection systems for water treatment and boosters for water distribution, Grundfos really can supply almost everything you need. For water collection and disposal we offer a variety of wastewater pumping stations. In the treatment plant you can rely on Grundfos pumps, mixers and flow makers to keep the process running smoothly.

Innovation
Over the years Grundfos has pioneered numerous innovations that have become or are becoming industry standards. Grundfos will continue to be at the forefront in promoting and facilitating energy efficiency and sustainable technology. It is these innovations that will enable the water infrastructure to meet future challenges and regulations. Sourcing treatable water is the first step in any water supply system. Whether your source is groundwater, surface water from rivers and lakes, desalination of seawater or recycled treated water, Grundfos offers total pumping solutions on any scale, from submersibles to dry-pit pumps.

A dedicated mission
Around the world millions of Grundfos pumps are on a dedicated mission. To optimize processes, to boost performances and to improve life in general. Grundfos is committed to making a positive contribution to the world that surrounds us. Innovation goes hand in hand with responsibility - and we take pride in constantly pushing the boundaries in pump technology to offer increasingly energy-efficient and sustainable solutions.

Grundfos offers total pumping solutions on any scale.

Custom Designs
Engineered designs for unusual applications have always been a specialty for Grundfos. From submersibles to end-suction pumps, no application is beyond our technical expertise. Drawing upon our many years of engineering and manufacturing experience is the best way to solve your difficult application, whether it's temperature extremes, or complex configurations.

Anticipating the future
Grundfos invests 4% of its annual revenue into research and development, with nearly 18,000 employees in 45 countries, dedicated to addressing the challenges of tomorrow, today.
Water supply solutions

The fluctuation in water levels essentially alters the specifications for a pumping system because these variations change the head. A single speed pump dimensioned to lift from the lowest water level will burn energy dollars when the level is high. A variable speed pump is able to adjust its speed to compensate for changes in water level for the benefit of overall demand.

With Grundfos’ assistance, you receive a system that will balance intake with changing water levels and demands to ensure against dry-running, cavitation and motor failure.

Constantly developing new and improved ways to meet water and energy challenges
Innovative wastewater solutions
Each wastewater pumping solution is typically a one-of-a-kind, configured by Grundfos engineers to meet a specific application and operating condition.

The high flow and resistance to abrasion make the Grundfos wastewater product line well suited to feeding raw surface water to potable water treatment plants.

High-efficiency, solids-handling pumps for wastewater treatment facilities

The S-tube impeller has been developed on the basis of extensive hydraulic experience and know-how. It has been tested through simulations, in laboratory tests and in the field.

With the S-tube, Grundfos sets new standards for wastewater hydraulic design.
A reliable answer to water utility solutions

Grundfos can help you solve your unique needs and challenges, ensuring that water supply, flood control and wastewater facilities meet future demands and regulations. This is achieved by using innovative pump solutions with less energy intensity and more efficiency.

Grundfos offers a proven range of durable, speed-controlled submersible, dry-pit, horizontal multi-stage, end-suction and vertical turbine pumps. These pumps are uniquely designed to deliver cost-effective applications by reacting automatically to changing demands and conditions. To suit each situation, we supply the expertise to ensure pumps and motors are applied correctly.

Additionally, monitoring and control systems further safeguard the reliable flow of water by protecting the pump from dry-running or power supply irregularities.

Proven pumping systems for changing and demanding conditions
The SEG range; built tough and versatile - just got better

Grundfos submersible grinder pump solutions cut through everything in their path, now this proven performance has been optimized with the addition of AUTOAdapt. AUTOAdapt combines all previously external sensors, switches and cables into a single unit housed within the pump, capable of adapting automatically to changing conditions within the pit. This Grundfos solution simplifies installation, commissioning and operation, and increases reliability.

Wastewater pumping facilities often have a high percentage of errors in pits with failed float switches or electrodes. With the internal monitoring of the AutoAdapt pumping solution, exposed cables and level switches in submersible sewage pump installations have been eliminated, renewing trust in the safety and reliability of an innovative industry first.

Complexity of traditional installation such as parallel operation or single unit operation, duty assist, duty standby or automatic operation has been eliminated with the Grundfos AUTOAdapt technology. The internal monitoring is installed as a standard, ensuring the pump never runs dry, and is always operational.
The complete pump portfolio for water supply and wastewater

**Product: Dosing Pumps**

- **Model:** GF8, GF9, GF10
- **Pump principle:** Centrifugal pump
- **Liquid temperature:** Max. 95° C (203° F)
- **Flow, Q:** Max. 0.28 m³/h (10 l/min)

**Product: SEP**

- **Model:** AFD, AFG, AE, AEM, AEM-1
- **Pump principle:** Centrifugal pump
- **Liquid temperature:** Max. 90° C (194° F)
- **Flow, Q:** Max. 1,100 l/min (0.6 m³/h)

**Product: AFG, AFV**

- **Model:** AFG, AFV
- **Pump principle:** Screw pump
- **Liquid temperature:** Max. 105° C (221° F)
- **Flow, Q:** Max. 0.25 m³/h (9 l/min)

**Product: Dry Pit Solids Handling Pump**

- **Model:** WW, WS
- **Pump principle:** Submersible pump
- **Liquid temperature:** Max. 150° F (66° C)
- **Flow, Q:** Max. 150,000 gpm (34,091 m³/hr)

**Product: Dry Pit Solids Handling Pump**

- **Model:** WW, WS
- **Pump principle:** Submersible pump
- **Liquid temperature:** Max. 400° F (204° C)
- **Flow, Q:** Max. 6,930 ft (2,112 m)

**Product: Vertical Multistage Centrifugal Pumps**

- **Model:** WW
- **Pump principle:** Centrifugal pump
- **Liquid temperature:** Max. 160° F (71° C)
- **Flow, Q:** Max. 1,100 gpm (369 m³/hr)

**Product: Horizontal Split Case Pumps**

- **Model:** WW
- **Pump principle:** Centrifugal pump
- **Liquid temperature:** Max. 160° F (71° C)
- **Flow, Q:** Max. 0.28 m³/h (10 l/min)

**Product: Water Supply Products**

- **Description:** Diverse characteristics. Suitable for almost every aspect of water intake, treatment processes and distribution.

**Product: Wastewater Products**

- **Description:** Our pumps for wastewater collection and disposal can handle the toughest jobs at almost every application scale.
Responsible stewardship and good business

Grundfos is guided by a desire to use technology in innovative ways to support a growing and fast-changing world. We are conscious of the impact our activities can have on people and the environment, and this is precisely why we put sustainability first. From our perspective, sustainability is a healthy mix of responsible stewardship, common sense and good business.

- To be sure that we have enough clean water tomorrow, we should look to more efficient water use today.
- By reducing energy costs on pumping systems, we play our part in conserving resources and making North American water and wastewater solutions more competitive on local and global markets.