

Experience the edge in submersible pumps

The Grundfos edge (SQ, SQE and SQFlex submersible pumps) are made for domestic use, small waterworks, and irrigation systems.

GRUNDFOS 

Possibility in every drop

Unleash the edge

Delivering the edge pumps with over 25 years of proven performance takes more than just developing submersible pumps – it takes an edge. An edge that seamlessly combines global expertise with local support, where innovation never compromises user-friendliness, and where energy savings translate into real returns on investment.

Whether you need the consistency and unbroken reliability of the SQ, the constant pressure and endless comfort of the SQE, or the ultimate energy efficiency of the solar-powered SQFlex, there's always an edge in our submersible pumps that secures high performance and reliability.



A Grundfos submersible pump is more than just a pump – it's an edge.

With decades of proven performance in a wide range of conditions around the world, Grundfos submersible pumps maximize energy and water efficiency and reduce costs. They are also backed by global expertise and hands-on local assistance. But what really sets these submersible pumps apart is the edge they deliver in four key ways:

Pumps you can rely on

Grundfos submersible pumps are designed to perform and built to last. Along with proven reliability and performance, the edge models seamlessly connect to the grid or renewable energy sources such as solar and wind. Whether you need to provide drinking water, boost pressure, keep a garden growing or domestic groundwater supply, you can depend on our submersible pumps to be robust and reliable.

Easy for you to install and use

You can count on the Grundfos edge pumps for the latest automation and connectivity features. Designed to be quick and easy to install, they offer built-in protection and the market's broadest voltage range. New features are constantly added that further reduce the risk of downtime, making them an attractive, cost-effective and energy-efficient choice.

Your key to ultimate efficiency

Being equipped with the latest technology means Grundfos submersible pumps are made for purpose and a more sustainable future. These intelligent solutions are more energy efficient, waste less water, and cost less to run. They undergo continual improvement to help farmers, homeowners, and light commercial building suppliers better meet their water challenges.

A local partner at your service

When you choose Grundfos submersible pumps, you can be sure they come with dedicated expert support that is available anywhere in the world. From specification to installation and beyond, Grundfos is always close by to ensure issues are solved promptly, while those wanting to expand their knowledge can make use of a vast online technical training library.

Experience the SQ edge

Where consistency meets unbroken reliability.

The Grundfos SQ submersible pump is a clear example of how compact size need not affect performance. A compact 3" multistage centrifugal pump, it is ideal for boreholes that are 3" or larger.

The SQ is designed for continuous or intermittent operation in domestic water supplies, small waterworks, smaller garden irrigation or drip irrigation, and groundwater dewatering.

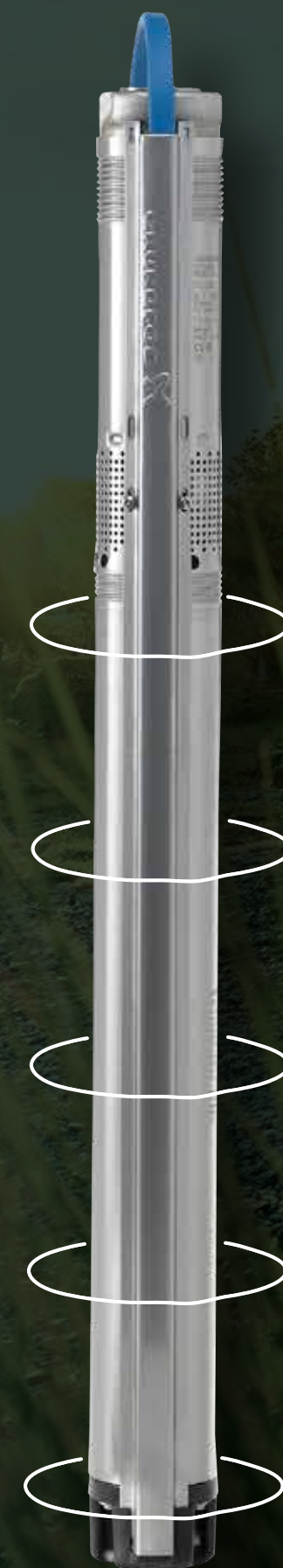
Easy to install and operate, the SQ features built-in electronics and is powered by a permanent magnet motor to always ensure a reliable water supply.

Use it for:

- Domestic groundwater supply
- Light commercial
- Garden irrigation

Experience these benefits:

- ✓ Highly energy efficient permanent magnet motor with integrated protection
- ✓ Easy to install in 3" or larger boreholes, leading to lower costs
- ✓ Compact, lightweight design packed with loads of built-in features
- ✓ Always backed by our global expertise and local support service



Wide voltage range

Soft start

Overload protection

Temperature protection

Dry run protection



Experience the SQE edge

Where constant pressure meets endless comfort.

The Grundfos SQE is the only submersible, constant-pressure pump on the market that is fully equipped with built-in electronic control. It's also one of the most advanced submersible pumps available. Featuring a permanent magnet motor, it can seamlessly adjust its performance by communicating with an external control box.

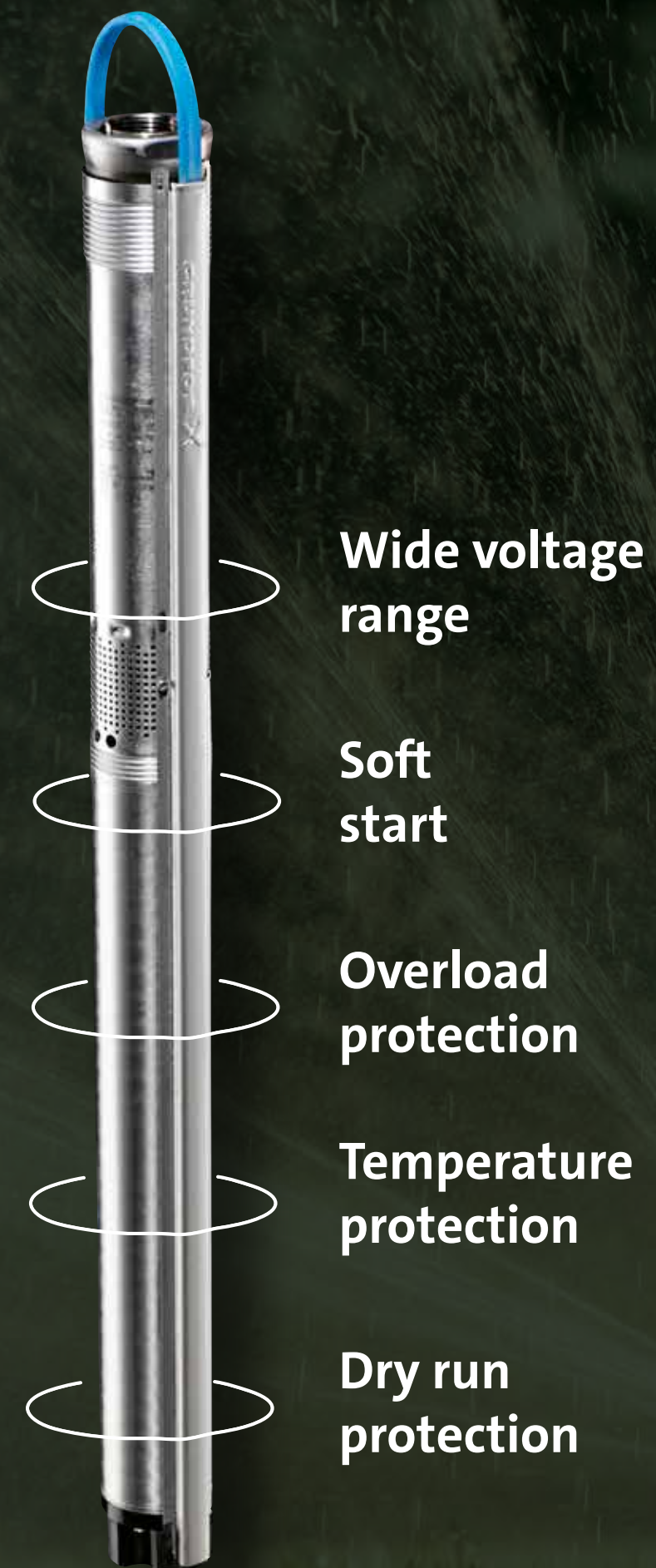
A variable speed drive ensures that no matter how many people are showering, how many appliances are running or if the garden is being watered, you can expect the same constant water pressure everywhere. Its reduced operating speed ensures lower energy consumption, which cuts energy costs.

Use it for:

- Domestic groundwater supply
- Small irrigation systems
- Light commercial building
- Garden irrigation

Experience these benefits:

- ✔ Constant water pressure automatically ensured despite changing demands
- ✔ The edge submersible pumps with built-in electronic control
- ✔ Easy and quick installation
- ✔ Always backed by our global expertise and local support service



Experience the SQFlex edge

Where solar power meets ultimate efficiency.

The Grundfos SQFlex submersible pump is compatible with solar, wind and combination systems. It keeps operating costs low thanks to built-in features that convert solar power more efficiently and require fewer solar panels for the same water output as its nearest competitor.

The pump also includes five models to expand solar pumping capabilities.

Being powered by renewable energy sources makes it ideal for most rural areas that have no access to electricity. The SQFlex can be used for application on farms, in lakes and even domestic use.

Use it for:

- Off-grid water supply
- Livestock watering
- Water supply for homes and communities
- Crop irrigation

Experience these benefits:

- ✓ Runs off AC or DC power
- ✓ Requires fewer solar panels
- ✓ Easy and fast installation
- ✓ Always backed by our global expertise and local support



Wide voltage range

Soft start

Overload protection

Temperature protection

Dry run protection



Making the most of every drop

The Grundfos range of submersible pumps have given locals from communities in Northern California an edge in meeting water needs

In Northern California, the land rises from sea level to 4000 ft. Farmers in these areas need to make the most of their water, and some need to supplement their power supply with solar.

Dave Smith, the owner of Fisch Drilling & Pump, has 40 years of experience in working with water, helping his customers meet their varying water challenges.

A few years ago, Dave and his team were helping a customer whose pump had broken. He recommended the SQ/SQE/SQFlex range of submersible pumps as a solution.

“What’s great about these pumps is that they can work at different voltages. They offer many benefits, including their soft-start capacity, the permanent magnet motor, their efficiency leading to cost savings, and how they improve the battery’s longevity.”

Dave helped install the new pumps and rang the customer later to see how it was all going:

“He told me that his solar equipment was doing a lot better, things weren’t overheating, and the well pump was working really well.”

“From that point, we (Fisch Drilling & Pump) realized that having these softer start pumps would be particularly beneficial to people who are off-grid because they’re designed for this type of system.”

Having been in the water business so long, Dave sees the value of having a partner you can rely on:

“Grundfos has always been there to be ahead of the curve. If they have an innovation, they introduce it so that we can stay ahead of regulations coming down the line.”



Ready to get your edge?

Select the submersible pump that best fulfills your needs and take the first step toward proven performance and local support:

The SQ edge www.grundfos.com/sq

The SQE edge www.grundfos.com/sqe

The SQFlex edge www.grundfos.com/sqflex

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