

Grundfos Redi-Flo2® Electrical Submersible Pump

The Grundfos Redi-Flo2® Electrical Submersible Pump provides smooth, uninterrupted water flow during groundwater sampling or conducting aquifer tests to depths down to 280ft. Both high flow rates needed for purging and low flows recommended for sampling are achieved with the same pump.

FEATURES

- **Chemically inert materials**
Maximum sample integrity and easy decontamination
- **1.8 inch diameter**
Easy access into 2" wells
- **Flow rates range from 9 GPM to as little as 100ml/min**
Controlled with the simple press of a button
- **Low velocities and agitation**
Ideal for sampling and purging
- **Portable solid state converter**
Eliminates the need for control valves
- **Continuous flow**
Ensures a cleaner, simpler sample catch
- **Dedicated or Portable configurations available.**

OPERATION

Designed for long-term reliability in dedicated monitoring wells, the Redi-Flo2® provides optimal sample quality with either traditional purging prior to sampling or low draw-down passive sampling when operated with the Redi-Flo VFD (Variable Frequency Drive).

Purging and sampling with the same pump is extremely efficient. The unique design and superior materials allow for easy operation, decontamination and maintenance as well as disassembly and re-assembly.

All replacement and maintenance parts for the Grundfos Redi-Flo2® are immediately available at Geotech Environmental Equipment, Inc. a certified Grundfos Master Distributor.



Redi-Flo2® pump set up with motor lead, tubing, and well cap



Redi-Flo2® pump as a portable system on Geo-reel

Grundfos Redi-Flo2® Electrical Submersible Pump

Electric

Full Load Rating	5 HP / 220V / 3 PH / 400 Hz / 5.5A
Maximum Current (SFA)	5.5 amps
Motor Protection	Thermal overload - Thermik Geratebau, Series SY6 (176°F/80°C)
Current Overload	Incorporated into Redi-Flo VFD (9.0A for 10 seconds)

Piping Connection

Discharge Port	1/2" Female NPT
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Operating Conditions

Minimum Ambient Fluid Temperature	34°F (1°C)
Maximum Ambient Fluid Temperature	80°F (28°C)

Motor Fluid

Motor Lubricating Fluid	Dionized (DI) Water
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Dimensions & Weight (Pump & Motor)

Dimensions	11.3 length x 1.81" diameter
Net Weight	5.5 lbs., excluding motor lead

Lead Lengths

Standard Lengths in Feet	30, 50, 75, 100, 125, 150, 175, 200, 250, 300
Custom Lengths	Available in 1 ft increments from 30 to 300 ft.

CUSTOM ACCESSORIES

Professional accessories make your job easier, your equipment last longer, and protect your investment!

Geotech has a shroud specifically designed for use with the Grundfos Redi-Flo2® in wells 4" in diameter or larger. The Redi-Flo2® electrical submersible pump was designed to stay cool by the action of the water passing rapidly over the body of the stainless steel and Teflon pump. In 2" diameter wells this is achieved automatically. In larger diameter wells the pump may overheat, causing permanent damage to the inner workings. The Geotech pump shroud can help you avoid damage to your Redi-Flo2® pump, and help you to protect your investment, project after project.

If your site plan requires that all water that passes through your pump be disposed of and not allowed to return to the well. Ask your sales representative about our custom stainless steel check valve.



Redi-Flo2® Cooling Shroud



Redi-Flo2® Stainless Steel
Check Valve