

# Environmental Pumps

## Grundfos Redi-Flo4™ Submersible Sampling/Remediation Pumps

Grundfos Redi-Flo4™ submersible pumps are constructed of virgin Teflon® and stainless steel to handle the rigors of contaminated groundwater monitoring and continuous operation in remediation applications. Grundfos environmental Redi-Flo4™ submersibles meet government guidelines for environmental equipment and have been proven through extensive use in the field to be the industry choice.

### FEATURES

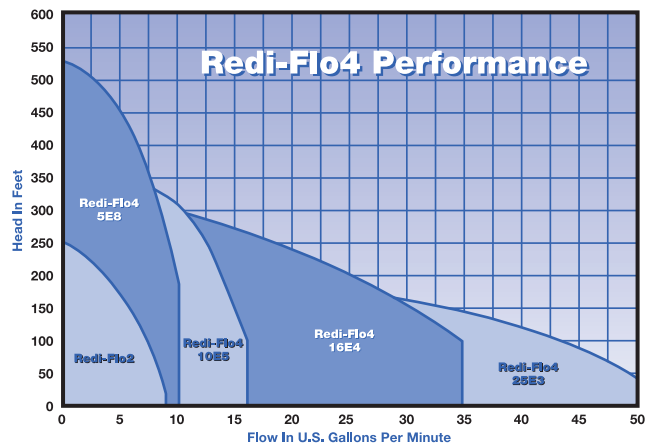
- For applications in 4-inch diameter and larger wells
- Efficient purging/remediation to depths of 524 feet
- Flow rates of up to 50 GPM for purging and remediation
- Stainless steel and Teflon® are the only materials used in the Redi-Flo4 submersible pump ends
- Features built-in check valve to prevent back-flow into the well once the pump is shut down
- User friendly cable guard aids in the installation of motor lead
- Variable speed pump applications available
- Variable speed controller can run both Redi-Flo2® and Redi-Flo4™ pumps



Redi-Flo4™ Submersible Pump

### OPERATION

Typical clean-up operations include water table depression techniques to isolate and remove floating contaminants. With correct placement of the recovery well and proper sizing of the depression pump, the water table is depressed to stop and reverse the movement of the contamination plume. Once isolated, the contaminant is removed for treatment, re-use, or proper disposal. Redi-Flo4 pumps are designed for reliable operation in toxic environments.



Redi-Flo4™ Performance Curves

**Call Geotech Environmental Equipment Today, a Certified Grundfos Master Distributor**

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## Grundfos Redi-Flo4™ Submersible Sampling/Remediation Pumps Specifications

STAINLESS STEEL PUMP ENDS						
TYPE	HP	NOMINAL MOTOR DIAMETER (INCHES)	DISCHARGE SIZE (INCHES)	MINIMUM WELL SIZE (INCHES)	APPROX. SHIPPING WT. (LBS)	GEOTECH PART NUMBER
5E3	1/2	4	1	4	6	11200040
5E5	1/2	4	1	4	7	11200041
5E8	1/2	4	1	4	9	11200042
5E12	1/2	4	1	4	11	11200043
5E17	3/4	4	1	4	14	11200044
5E21	1	4	1	4	15	11200045
5E25	1 1/2	4	1	4	17	11200046
10E5	1/2	4	1 1/4	4	7	11200047
10E8	1/2	4	1 1/4	4	9	11200048
10E11	3/4	4	1 1/4	4	10	11200049
10E14	1	4	1 1/4	4	13	11200050
10E19	1 1/2	4	1 1/4	4	15	11200051
16E4	1/2	4	1 1/4	4	7	11200052
16E7	3/4	4	1 1/4	4	8	11200053
16E9	1	4	1 1/4	4	9	11200054
16E13	1 1/2	4	1 1/4	4	12	11200055
25E3	1/2	4	1 1/2	4	6	11200056
25E4	3/4	4	1 1/2	4	6	11200057
25E6	1	4	1 1/2	4	8	11200058
25E8	1 1/2	4	1 1/2	4	9	11200059

Factory assembled and boxed complete units, pump end, motor, motor lead, and control box (if 3-wire, single phase motor available upon request).

Pricing is equal to the sum of the necessary components.

REDI-FLO4 PUMP ACCESSORIES			
DESCRIPTION	LENGTH (FT.)	APPROX. SHIPPING WT. (LBS.)	GEOTECH PART NUMBER
RF4 X VFD ADAPTER CORD	6	4	11200126
"	12	8	11200127
"	20	14	11200128

### Operating Conditions

Minimum Ambient Fluid Temperature 34°F (1°C)

Maximum Ambient Fluid Temperature 104°F (40°C)

### Storage Conditions

Motor Fluid Deionized (DI) Water with 30% propylene glycol

Minimum Ambient Fluid Temperature -4°F (-20°C)

Maximum Ambient Fluid Temperature 120°F (50°C)

ENVIRONMENTAL PUMP MOTORS GRUNDFOS & FRANKLIN						
HP	PHASE	VOLTS	MAX. THRUST (LBS.)	APPROX. SHIPPING WT. (LBS.)	MOTOR MFG.	GEOTECH PART NUMBER
<b>TWO WIRE (Control Box Not Required)</b>						
1/2	1	115	300	18	F	11200154
	1	230	440	19	G	11200060
	1	230	300	18	F	11200061
3/4	1	230	440	19	G	11200062
	1	230	400	21	F	11200063
1	1	230	440	21	G	11200064
	1	230	400	23	F	11200065
1 1/2	1	230	440	27	G	11200066
	1	230	400	31	F	11200067
<b>THREE WIRE</b>						
1/2	1	115	300	18	F	11200147
	1	230	440	18	G	11200068
	1	230	300	18	F	11200069
3/4	1	230	440	20	G	11200070
	1	230	300	21	F	11200071
1	1	230	440	21	G	11200072
	1	230	400	23	F	11200073
1 1/2	1	230	440	24	G	11200074
	1	230	400	28	F	11200075
2	1	230	650	33	F	11200155
<b>THREE PHASE</b>						
1/2	3	200	300	18	F	11200156
1/2	3	230	300	18	F	11200157
1/2	3	460	300	18	F	11200158
3/4	3	200	300	21	F	11200159
3/4	3	230	300	21	F	11200160
3/4	3	460	300	21	F	11200161
1	3	200	650	23	F	11200162
1	3	230	650	23	F	11200163
1	3	460	650	23	F	11200164
1 1/2	3	200	650	24	F	11200165
1 1/2	3	230	650	24	F	11200166
1 1/2	3	460	650	24	F	11200167
2	3	200	650	28	F	11200168
2	3	230	650	28	F	11200169
2	3	460	650	28	F	11200170
<b>REDI-FLO VARIABLE PERFORMANCE MOTOR (MS402E)</b>						
HP	PH	VOLTS	MAX. THRUST (LBS.)	APPROX. SHIP WT. (LBS.)	MOTOR MFG.	GEOTECH PART NUMBER
2	3	230	440	30	G	11200076

(1) Motor manufacturers: "G" - Grundfos, "F" - Franklin

(2) Prices are effective only in the continental USA and are subject to change without notice.