

The Redi-Flo2 submersible pump was specifically designed for environmental monitoring. The Redi-Flo2 has an adjustable pumping rate from up to 9 gpm to 100ml/min. at depths up to 250'. Converter box must be used to run the pumps and to control the flow rate.

Pump Specifications

Flow Range:	Continuous/Variable (100ml/min.—9 gpm)
Integral Pump/Motor Unit	
Motor Type:	Water-filled, canned, variable speed and submersible
Maximum Fluid Temperature:	86°F (30°C)
Minimum Fluid Temperature:	34°F (1°C)
Maximum Input Power:	1.5kW (2 hp)
Maximum Motor Voltage:	3 hp x 220V at 400 Hz
Maximum Motor Current:	5.5 Amps
Motor Protection:	Thermal Overload Thermik Geratebau, Series SY6
Disconnect Temperature:	176°F
Rate Current:	5 Amps
Current Overload:	Incorporated into MP1 Converter
Discharge Size:	½" Female NPT
Pump End Construction:	Stainless steel and Teflon®
Installation:	Unit to be installed vertical- ly for submerged operation
Size:	11.3"L x 1.81" dia.
Weight:	5.5 lbs.

Redi-Flo2 Converter Specifications

Input	
Voltage:	1 PH x 115V ± 10%
Frequency:	50–60 Hz ± 2%
Maximum Current:	10 Amps
Output	
Voltage:	3 PH x 25V–3 PH x 220V
Frequency:	46–400z
Maximum Current:	5.5 Amps
Power:	1.5kW (2 hp)
Acceleration Time:	0–400 Hz—10 sec.
Deceleration Time:	400–0 Hz—10 sec.
Input Line Fuse:	Two each T-30A, type FERRAZ
Motor Lead Connector:	A<MP CPC Plug, Type 206429-1

Power Cable: Type SJOW, 14 AWG, 10'L

Operating Conditions

Temperature:	32°–104°F (0°–40°C)
Relative Air Humidity:	Maximum 95%
Storage Conditions:	
Temperature:	–13°F to 149°F (–25°C to 65°C)
Relative Air Humidity:	Max. 50% @ 104°F/Max. 90% @ 68°F
Case Construction:	High density polyethylene with aluminum trim and mili- tary twist type locks—steel with zinc plating

Ordering Information

220230 Redi-Flo2 with 30' motor lead
220231 Redi-Flo2 with 50' motor lead
220232 Redi-Flo2 with 75' motor lead
220233 Redi-Flo2 with 100' motor lead
220234 Redi-Flo2 with 150' motor lead
220235 Redi-Flo2 with 200' motor lead
220236 Redi-Flo2 with 250' motor lead
220237 115V Converter with 10' power cord
220246 15' Extension cord assembly

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