

12 Volt Poseidon® 80 Plastic Pump

Pump Test, Purge, Sample, Monitor, Remediation

**Designed for 2 and Larger Diameter Wells
(Lifts 80 Feet / 24 Meters)**



Pumping Depth in Meters DTW (Depth To Water)	Liters Per Minute At 12.5 Volts At The Source
3,0	DON'T USE
6,1	DON'T USE
9,1	DON'T USE
12,2	7,56
15,2	6,62
18,3	5,29
21,3	4,73
24,4	3,78

Test was conducted with a 12 volt deep cycle battery at 13.8 volts at battery terminals. Running your vehicle while using this pump will dramatically increase purge volume .

Specifications can change without notice

Pro Controller #1



The low amp draw, hardworking Poseidon® 80 Pump fits into 2 inch schedule 40 and 80, and larger diameter wells. Poseidon® 80 Pump is powered by a 12 volt DC power source such your vehicle. For remote sites consider the Proactive® 44 amp battery power pack, or a 12 volt DC portable spill-safe AGM battery. The Poseidon® 80 Plastic Pump is most popular for its price point, reliability, performance, ease-of-use, and the flexibility to be used in multiple applications!

Applications of the Poseidon® 80 Plastic Pump include, but not limited to:

24/7 stationed applications in groundwater, surface water, vaults or the like for: Pump Tests, Long or Short Term Purge, Remediation, Liquid Transfer, Ongoing Groundwater and Surface Water Monitoring

Note: if you are looking for an affordable Hydrocarbon Recovery pump [LNAPL/DNAPL] please see the SS Mini Monsoon® XL Series or Abyss® Series pump lines.

Specifications:

The Poseidon® 80 Plastic Pump consists of 4 components: The 4 Pin Bayonet Motor Module Connector, Replaceable Motor Module, Outside PVC Housing with PVC Bottom Inlet Filter Screen (Assembled as One Unit), and the Pump Wire

POWER CONSUMPTION: 240 WATTS (MAX)

- VOLT RECOMMENDATION: 12-15 DC (direct current) At Source
- MAXIMUM AMP OUTPUT: 16 AMPS
- BLADE FUSE: 20 AMPS FUSE
- MEASUREMENTS: LENGTH 7.5" / DIAMETER: 1.82"
- REQUIRED TUBING: 3/8" ID X 1/2" OD TUBING
- SUPPLIED WITH: 90 FEET OF HEAVY DUTY 10 GAUGE WIRE WITH ALLIGATOR CLAMPS
- PUMP CONSTRUCTION: PVC, POLYPROPYLENE, AND STAINLESS STEEL

Benefits:

- Designed for the field professional
- The most economical and simple solution for a wide range of surface and groundwater applications
- Lightweight
- Most reliable and lowest maintenance pump on the market for pump tests, remediation, monitoring, and liquid transfer
- Simple and easy to use
- User intuitive
- Improve time management and save money by eliminating archaic, bulky, and expensive equipment
- Reliable, rugged, and economical engineering provides healthy return on investment
- Eliminate rental fees and rush shipment costs
- Provides Peace of Mind when coupled with Proactive® autonomous pump control systems for woman/man less operation
- Proven to cut-out a vast amount of health and safety pages
- Look like a PRO when your clients see how much money you save them by incorporating Proactive® Poseidon® 80 Plastic Pumps into your field projects

Features:

- Designed for 2" schedule 40 and 80 and larger diameter wells
- Submersible single stage centrifugal style pump
- No Controller or booster required with this pump
- Consistent flow rate at 12.5 DC volts output to the pump
- Hard working pump that operates under harsh conditions with higher turbidity
- Field ready right from the box
- Auto-Priming so in the event of a power outage the pump restart is at same pump setting
- Sleek dome shape construction minimizes well hang-ups
- Comes with 90 feet of 10 gauge wire that can be cut to desired length
- Can run continuously in water without the need for a cool down
- Poseidon® 80 motor modules provide 400+ hour life. True life expectancy of the motor module is around 1,000+ hours and varies upon application and conditions in the well.
- Eliminate downtime with the incorporated Proactive Environmental Products® Patented (#7584785) quick change motor module technology
- Required tubing size: 3/8" id x 1/2" OD
- PFO/PFA free
- Warranty: Manufacturer 60 days on parts and labor

- Poseidon® 80 Plastic Pump ships individually boxed and labeled providing pump model and pump serial number. Each pump is delivered field-ready and includes:
- Pump complete with 90 feet of 16 gauge wire installed
- Stainless Steel eye hook mounted on top of pump head for suggested, but optional suspension cable
- One installed field-ready motor module
- One Proactive® dual purpose wrench
- Alligator clamps installed on wire
- 20 amp blade fuse installed on wire

PFO/PFA free

This pump is to be used as a dedicated pump only, which means dedicated to the well or dedicated to the water 24 hours a day! Not to be used as a portable pump.

The Poseidon® 80 Plastic Pump wire may be cut to desired length!

Important Notes and Friendly Reminders:

The Poseidon® 80 Plastic Pump cannot be used as a pressure pump under any circumstance. The Poseidon® 80 Plastic Pump is engineered to discharge liquid into a holding tank not to be used in a tank under pressure.

Do not restrict the Poseidon® 80 Plastic Pump using valves or any other flow restriction mechanical devices! This pump is to be used as a dedicated pump only, which means dedicated to the well or dedicated to the water 24 hours a day! Not to be used as a portable pump.