

**PROACTIVE ENVIRONMENTAL PRODUCTS®**  
**12 Volt Monsoon® Plastic Pump**  
 (Lifts 120 Feet / 37 Meters DTW)



The Engineered Plastic 12-volt submersible centrifugal Monsoon® pump is capable of pumping up to 120 feet from ground level (DTW)\* by simply connecting the Monsoon® to a 12-volt deep cycle battery. Its reliable design is perfect for continuous sampling and purging of groundwater wells.

The 12 Volt Monsoon® can be used for low flow sampling (Fractional Flow®) all the way down to 40 mL/s per minute. Need to get even lower?? How about 10 mL/s per minute in conjunction with the [Low Flow Sampling Control Valve](#).

### **Simplify and Expedite Your Next Sampling Event!**

- Monsoon® can operate under harsh conditions with higher turbidity.
- Monsoon® can run continuously in water without the need for a cool down!
- Monsoon® has a 400 hour motor life!
- Monsoon® has a sleek outside that minimizes well hang-ups.
- The Monsoon® is a very reliable and economical pump that provides a great bang for your buck!

**This pump is not engineered to be dedicated in the physical liquid 24 hours a day.**

\* Depth to water

#### **Specifications:**

WATT CONSUMPTION (MAX):	450 WATTS (MAX)
DC VOLT RECOMMENDATION:	12-15 DC (direct current) At Source
AMP CONSUMPTION (MAX):	30 AMPS
MEASUREMENTS:	LENGTH 20" / DIAMETER: 1.82"
REQUIRED TUBING:	3/8" or 1/2" ID TUBING
SUPPLIED WITH:	130 FEET OF HEAVY DUTY 10 GAUGE WIRE & GREEN CONNECTOR
PUMP CONSTRUCTION:	ABS
IMPELLER CONSTRUCTION:	POLY ACETAL (POM)
MOTOR SHAFT CONSTRUCTION:	STAINLESS STEEL
WIRE CONSTRUCTION:	PVC
SEAL CONSTRUCTION:	NITRILE

**Pumping Depth in Feet  
DTW (Depth To Water)**

**Gallons Per Minute  
At 12.5 Volts At The Source**

10	4.40
20	4.20
40	3.50
50	2.80
70	2.10
80	1.90
85	1.60
100	1.50
110	1.25
120	1.00
140	N/A

**Test was conducted with a 12 volt deep cycle battery  
at 12.5 volts at battery terminals**

**Running your vehicle while using this pump  
will dramatically increase purge volume**