

PROACTIVE ENVIRONMENTAL PRODUCTS®
12 Volt Cyclone® Plastic Pump
 (Lifts 25 Feet / 8 Meters DTW)



The Engineered Plastic 12 volt submersible centrifugal Cyclone® pump is capable of pumping up to 25 feet from ground level (DTW)* by simply connecting the Cyclone® to a 12 volt deep cycle battery. Its reliable design is perfect for continuous sampling and purging of groundwater wells and Low Flow Sampling (Fractional Flow®).

The 12 Volt Cyclone® is ideal for low flow sampling (Fractional Flow®) in conjunction with Proactive Environmental Products [Low Flow Sampling Controller](#). Low flow sample all the way down to 40 mL/s per minute. To achieve even a lower flow.... simply add the [Low Flow Sampling Control Valve](#) in conjunction with the Low Flow Sampling controller to achieve flow rates of 10 mL/s per minute or less!

Simplify and Expedite Your Next Sampling Event!

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

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

*Depth To Water

Specifications:

WATT CONSUMPTION (MAX):	60 WATTS (MAX)
DC VOLT RECOMMENDATION:	12-15 DC (direct current) At Source
AMP CONSUMPTION (MAX):	4 AMPS
MEASUREMENTS:	LENGTH 7" / DIAMETER: 1.82"
REQUIRED TUBING:	3/8" or 1/2" ID TUBING
SUPPLIED WITH:	35 FEET OF HEAVY DUTY 12 GAUGE WIRE, QUICK DISCONNECT PLUG & BATTERY CLAMPS
PUMP CONSTRUCTION:	ABS
IMPELLER CONSTRUCTION:	POLY ACETAL (POM)
MOTOR SHAFT CONSTRUCTION:	STAINLESS STEEL
WIRE CONSTRUCTION:	PVC
SEAL CONSTRUCTION:	NITRILE

What is included in the box:

- 12 Volt Cyclone® Pump (Item# P-10100)
- Quick Disconnect Plug With Battery Clamps (Item# PA-18050)

Pumping Depth in Feet DTW (Depth To Water)	Gallons Per Minute At 12.5 Volts At The Source
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3	2.00
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10	1.00
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20	0.35
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25	0.25
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30	N/A
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**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**