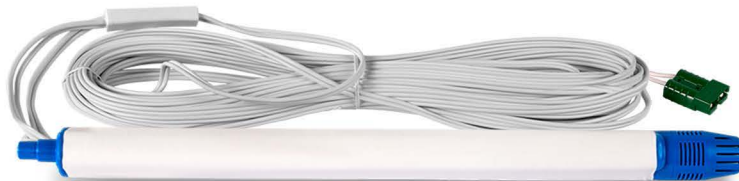


12 Volt Plastic Pumps

High Performance Pump Line



Powered by a 12 volt battery
Easily fits into 2" and larger diameter wells



EPA low flow sampling compliant: Proactive Environmental Products® High Performance Pump Line can achieve 10 mL/s per minute

WWW.PROACTIVEDIRECT.BIZ
JAY@PROACTIVEDIRECT.BIZ



High Performance Pump Line Page 1
TOLL FREE PHONE: 1.877.99.hydro Ext. 101
(49376)
LOCAL PHONE: 1.941.243.3930

Proactive[®] 12 Volt High Performance Pump Line

Welcome to Proactive Environmental Products[®] 12 volt Plastic High Performance Pump Line

Celebrating 25 years manufacturing groundwater sampling equipment

Proactive Environmental Products[®] understands your need for reliable, accurate, field-efficient groundwater pump systems and supplies. Our 12 Volt DC High Performance pump line offers improved time efficiency, greater sample accuracy and makes for a more enjoyable groundwater sampling and monitoring experience. *This is our promise to you!*

ABOUT THE PROACTIVE[®] 12 VOLT PLASTIC HIGH PERFORMANCE PUMP LINE

Applications: Portable use for purging, well development, and low flow groundwater sampling

Features:

- Run pump system from battery installed in your vehicle or a portable 12 Volt AGM battery. Please inquire for the best suitable portable battery for your pump system
- Proactive[®] power booster or low flow with power booster controller models are required with this pump line. Note that power booster 1 and power booster 2 do not provide variable flow rate. If you are considering using the high performance pump for low flow sampling then select the low flow with power booster controller compatible with the pump of choice (see front side of this page)
- EPA low flow sampling compliant
- Control pump flow rate as low as 40-100 mL/s per minute
- To get lower flow than 40-100 mL/s per minute consider using our low flow valve in conjunction with the controller (Note: do not valve these pumps without the use appropriate Low Flow with Power Booster controller)
- Low flow valve sold separately- please inquire
- Backflow-prevention. Ask about our non-return check valve

Engineering and Design:

- Designed for harsh groundwater conditions
- Manufactured using 100% virgin plastic
- PVC coated wire
- Each pump comes field-ready complete with wire, connectors and dome-shaped filter installed
- Rated for 400 hours under harsh conditions. (Customers who use these pumps primarily for purge volume and low flow sampling report getting double to triple the 400 hours!)
- Sleek dome-shape pump head minimizes well hang-ups
- Auto priming and field-ready right from the box (no priming needed!)
- Can run continuously in water without the need for a cool down! (not recommended for 24+ hour pump test - please inquire for pumps that are designed for 24+ hour pump tests)

Specifications may change without notice

Tips Maximize the life of your pump: Clean your pump after every use and apply SS hose clamp on tube and pump discharge!
Eliminate down-time: Keep a DC volt meter with your 12 volt pumps and pump systems!

12 Volt Plastic Pumps

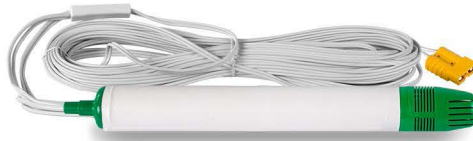
High Performance Pump Line



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Easily fits into 2" and larger diameter wells

Mega-Typhoon® Pump

Lift: 80 feet*
24 meters*
Item: P-10350



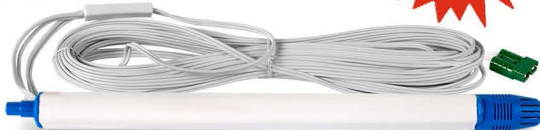
Tsunami Pump® v.2.0

Lift: 100 feet*
31 meters*
Item: P-10400



Supernova® 120 Pump

Lift: 120 feet*
37 meters*
Item: PSN-10100



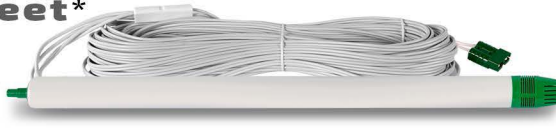
Monsoon® Pump

Lift: 120 feet*
37 meters*
Item: P-10500



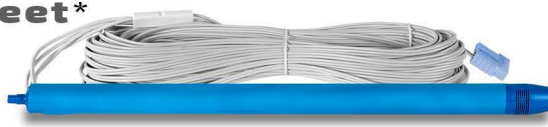
Hurricane® Pump

Lift: 150 feet*
46 meters*
Item: P-10510



Mega-Monsoon® Pump

Lift: 200 feet*
61 meters*
Item: P-10520



Power Booster 1

Item: P-10600
Required Use With:
Mega-Typhoon® Pump



Low Flow w/ Power Booster 1 Controller

Item: P-10650
Required Use With:
Mega-Typhoon® Pump



Power Booster 2

Item: P-10700
Required Use With:
Tsunami® Pump v.2.0 Monsoon® Pump
Supernova® 120 Pump Hurricane® Pump



Low Flow w/ Power Booster 2 Controller

Item: P-10750
Required Use With:
Tsunami® Pump v.2.0 Monsoon® Pump
Supernova® 120 Pump Hurricane® Pump



Low Flow w/ Power Booster 3 Controller

Item: P-10850
Required Use With:
Mega-Monsoon® Pump



*Depth to Water (DTW) Specifications may change without notice

Proactive[®] High Performance Pump Line Accessories

Customers Who Purchase Proactive Environmental Products[®]
 High Performance Pump Line Also Purchase

FULLY STOCKED TUBING WAREHOUSE!

3/8" x 1/2" od Tubing: 100' and 500' spools;
 PVC, Linear Low Density Polyethylene, FEP
 (Teflon[®]) lined Polyethylene tubing



BACK-FLOW PREVENTION:

Proactive[®] Non Return Check Valve



**Hydroline[™] 800cm²
 .45 InLine Micron Filter**

When Metals Matter
 Why take a chance
 with your samples?

Hydroline[™]

300cm², 500cm², 600cm² & 800cm²
 .45 InLine Micron Filters



Insuring the highest quality filters with
 responsible tracking by batch guaranteed!
 Options for low, medium, medium-high
 and high turbidity capacity .45 filters

PROACTIVE[®] LOW FLOW VALVE



Specifications may change without notice

Tips Maximize the life of your pump: Clean your pump after every use and apply SS hose clamp on tube and pump discharge!
 Eliminate down-time: Keep a DC volt meter with your 12 volt pumps and pump systems!

EPA low flow sampling compliant: Proactive Environmental Products[®] High Performance Pump Line can achieve 10 mL/s per minute

12 Volt Plastic Pumps

High Performance Pump Line

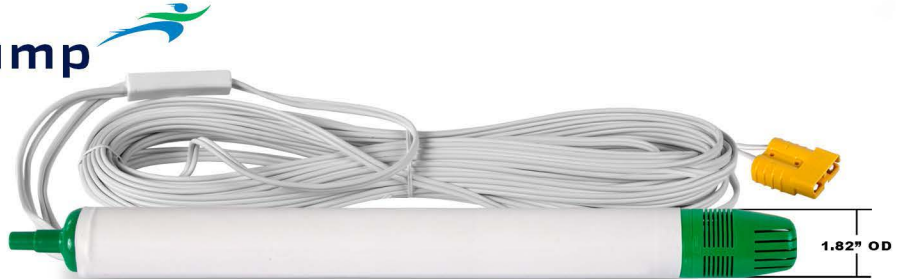


Powered by a 12 volt battery
Easily fits into 2" and larger diameter wells

Mega-Typhoon® Pump

Lifts up to 80 feet*(24 meters*)

Designed for continuous sampling and purging of ground water wells



PUMPING DEPTH	GALLONS PER MINUTE	SPECIFICATIONS
10	3.50	POWER CONSUMPTION: 270 WATTS (MAX) VOLT RECOMMENDATION: 12-15 At Source MAXIMUM AMP OUTPUT: 18 AMPS MEASUREMENTS: LENGTH 12" / DIAMETER: 1.82" REQUIRED: LOW FLOW WITH POWER BOOSTER 1 CONTROLLER REQUIRED TUBING: 3/8" or 1/2"ID TUBING SUPPLIED WITH: 90 FEET OF HEAVY DUTY 12 GAUGE WIRE & YELLOW CONNECTOR
20	3.10	
40	2.00	
50	1.50	
70	0.50	
80	0.25	
85	N/A	

This pump is not engineered to be dedicated in liquid 24 hours a day.
 Specifications may change without notice

Depth to Water (DTW)

Tsunami® Pump v.2.0

Lifts up to 100 feet*(31 meters*)

Designed for continuous sampling and purging of ground water wells



PUMPING DEPTH	GALLONS PER MINUTE	SPECIFICATIONS
10	4.00	POWER CONSUMPTION: 450 WATTS (MAX) VOLT RECOMMENDATION: 12-15 At Source MAXIMUM AMP OUTPUT: 30 AMPS MEASUREMENTS: LENGTH 20" / DIAMETER: 1.82" REQUIRED: POWER BOOSTER 2 or LOW FLOW WITH POWER BOOSTER 2 CONTROLLER REQUIRED TUBING: 3/8" or 1/2"ID TUBING SUPPLIED WITH: 110 FEET OF HEAVY DUTY 12 GAUGE WIRE & GREEN CONNECTOR
20	3.80	
40	3.20	
50	3.00	
70	2.00	
80	1.50	
85	1.00	
100	0.50	
110	N/A	

This pump is not engineered to be dedicated in liquid 24 hours a day.
 Specifications may change without notice

*Depth to Water (DTW)

Tips Maximize the life of your pump: Clean your pump after every use and apply SS hose clamp on tube and pump discharge!
 Eliminate down-time: Keep a DC volt meter with your 12 volt pumps and pump systems!

EPA low flow sampling compliant: Proactive Environmental Products® High Performance Pump Line can achieve 10 mL/s per minute

12 Volt Plastic Pumps

High Performance Pump Line



Powered by a 12 volt battery
Easily fits into 2" and larger diameter wells

Supernova® 120 Pump

Lifts up to 120 feet* (37 meters*)

Why waste time with a small diameter bailer or bladder pump requiring an air compressor when the Supernova® 120 pump expedites purging and provides low flow sampling?



PUMPING DEPTH	GALLONS PER MINUTE	SPECIFICATIONS
10	3.70	POWER CONSUMPTION: 345 WATTS (MAX) VOLT RECOMMENDATION: 12-15 At Source MAXIMUM AMP OUTPUT: 23 AMPS MEASUREMENTS: LENGTH 16" / DIAMETER: 1.44" REQUIRED: POWER BOOSTER 2 or LOW FLOW WITH POWER BOOSTER 2 REQUIRED TUBING: 3/8" or 1/2 id TUBING SUPPLIED WITH: 130 FEET OF HEAVY DUTY 10 GAUGE WIRE & GREEN CONNECTOR
20	3.25	
40	3.00	
50	2.75	
70	1.90	
80	1.30	
85	1.00	
100	0.75	
110	0.50	
120	0.25	

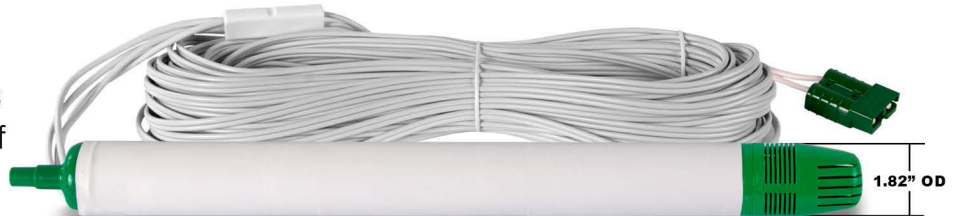
This pump is not engineered to be dedicated in liquid 24 hours a day.
 Specifications may change without notice

Depth to Water (DTW)

Monsoon® Pump

Lifts up to 120 feet* (37 meters*)

Designed for continuous sampling and purging of ground water wells



PUMPING DEPTH	GALLONS PER MINUTE	SPECIFICATIONS
10	4.40	POWER CONSUMPTION: 450 WATTS (MAX) VOLT RECOMMENDATION: 12-15 At Source MAXIMUM AMP OUTPUT: 30 AMPS MEASUREMENTS: LENGTH 20" / DIAMETER: 1.82" REQUIRED: POWER BOOSTER 2 or LOW FLOW WITH POWER BOOSTER 2 REQUIRED TUBING: 3/8" or 1/2 id TUBING SUPPLIED WITH: 130 FEET OF HEAVY DUTY 10 GAUGE WIRE & GREEN CONNECTOR
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	

This pump is not engineered to be dedicated in liquid 24 hours a day.
 Specifications may change without notice

*Depth to Water (DTW)

Tips Maximize the life of your pump: Clean your pump after every use and apply SS hose clamp on tube and pump discharge!
 Eliminate down-time: Keep a DC volt meter with your 12 volt pumps and pump systems!

EPA low flow sampling compliant: Proactive Environmental Products® High Performance Pump Line can achieve 10 mL/s per minute

High Performance Pump Line Page 6

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 (49376)
 LOCAL PHONE: 1.941.243.3930

12 Volt Plastic Pumps

High Performance Pump Line

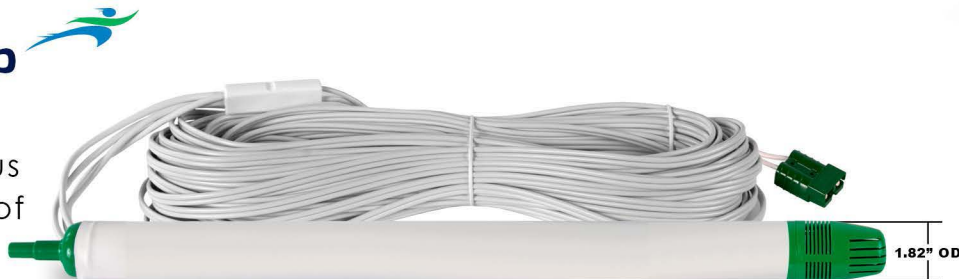


Powered by a 12 volt battery
Easily fits into 2" and larger diameter wells

Hurricane® Pump

Lifts up to 150 feet*(46 meters*)

Designed for continuous sampling and purging of ground water wells



PUMPING DEPTH	GALLONS PER MINUTE	SPECIFICATIONS	
10	4.50	POWER CONSUMPTION:	510 WATTS (MAX)
20	4.00	VOLT RECOMMENDATION:	12-15 At Source
40	3.00	MAXIMUM AMP OUTPUT:	34 AMPS
50	2.75	MEASUREMENTS:	LENGTH 26" / DIAMETER: 1.82"
70	2.25	REQUIRED:	POWER BOOSTER 2 or LOW FLOW WITH POWER BOOSTER 2 CONTROLLER
80	2.00	REQUIRED TUBING:	3/8" or 1/2" ID TUBING
85	1.75	SUPPLIED WITH:	160 FEET OF HEAVY DUTY 10 GAUGE WIRE & GREEN CONNECTOR
100	1.35		
110	1.25		
120	1.15		
140	0.50		
150	0.25		
180	N/A		

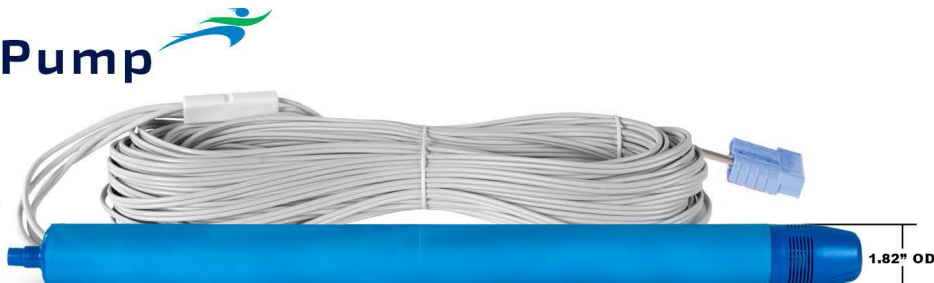
This pump is not engineered to be dedicated in liquid 24 hours a day.
 Specifications may change without notice

Depth to Water (DTW)

Mega-Monsoon® Pump

Lifts up to 200 feet*(61 meters*)

Designed for continuous sampling and purging of ground water wells



PUMPING DEPTH	GALLONS PER MINUTE	SPECIFICATIONS	
10	4.00	POWER CONSUMPTION:	600 WATTS (MAX)
20	3.75	VOLT RECOMMENDATION:	12-15 At Source
40	2.75	MAXIMUM AMP OUTPUT:	40 AMPS
50	2.50	MEASUREMENTS:	LENGTH 26" / DIAMETER: 1.82"
70	2.00	REQUIRED:	LOW FLOW WITH POWER BOOSTER 3 CONTROLLER
80	1.75	REQUIRED TUBING:	3/8" or 1/2" ID TUBING
85	1.75	SUPPLIED WITH:	210 FEET OF HEAVY DUTY 10 GAUGE WIRE & BLUE CONNECTOR
100	1.65		
110	1.65		
120	1.50		
140	0.65		
150	0.50		
180	0.30		
200	0.15		

This pump is not engineered to be dedicated in liquid 24 hours a day.
 Specifications may change without notice

*Depth to Water (DTW)

Tips Maximize the life of your pump: Clean your pump after every use and apply SS hose clamp on tube and pump discharge!
 Eliminate down-time: Keep a DC volt meter with your 12 volt pumps and pump systems!

EPA low flow sampling compliant: Proactive Environmental Products® High Performance Pump Line can achieve 10 mL/s per minute

12 Volt Plastic Pumps

High Performance Pump Line



Proactive® Power Boosters and Low Flow with Power Booster Controllers for the Plastic High Performance Pump Line

Power Booster 1

*Retired
Dec 2018*

For Use With: Mega-Typhoon® Pump

- 30 AMP "safety" fuse to protect electronics and user



Low Flow w/ Power Booster 1 Controller

For Use With: Mega-Typhoon® Pump

- 30 AMP "safety" fuse to protect electronics and user



Power Booster 2

**For Use With: Tsunami® Pump v.2.0
Monsoon® Pump
Hurricane® Pump
Supernova® 120 Pump**

- 30 AMP "safety" fuse to protect electronics and user



Low Flow w/ Power Booster 2 Controller

**For Use With: Tsunami® Pump v.2.0
Monsoon® Pump
Hurricane® Pump
Supernova® 120 Pump**

- 30 AMP "safety" fuse to protect electronics and user



Low Flow w/ Power Booster 3 Controller

For Use With: Mega-Monsoon® Pump

- 50 AMP resettable breaker to protect electronics and user



ALL OF THE POWER BOOSTER, LOW FLOW W/ POWER BOOSTER CONTROLLERS INCLUDE:

- Engineered with reverse polarity protection
- Advanced thermal overload protection
- Heavy duty steel weatherproof case
- Low voltage disconnect (LVD) at 10.75 volts (turns off controller or allows pump to pulsate)
- Constant Voltage Boosting Technology (CVBT) allows the correct voltage to reach the pump motors
- 'Ramp Up' control dial
- 3 foot wire lead to battery clamps and 4 foot wire leads to pump connector
- Steel handle designed for comfort and control
- Low Flow with Power Booster Controllers allow for pump flow rate as low as 40-100 mL/s per minute
- 6 months parts and labor warranty

Specifications may change without notice

Tips

Maximize the life of your pump: Clean your pump after every use and apply SS hose clamp on tube and pump discharge!

Eliminate down-time: Keep a DC volt meter with your 12 volt pumps and pump systems!

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