



ProActive Environmental Products continues to pursue its MISSION of designing safe and reliable low voltage groundwater submersible pumps. ProActive is proud to engineer the SS-Mega-Typhoon 12-volt stainless steel pump for low flow sampling or ground water purging of monitoring wells. Its sleek design eliminates well hang ups and fits easily into a 2" monitoring well or larger.

### **SIMPLE TO USE AND EXTREMELY POWERFUL**

The SS-Mega-Typhoon is capable of pumping up to 80 feet from ground level to water level. Simply, connect the pump connector to the Low Flow with Power Booster I "LCD" Controller, then to a 12 volt battery, energizing the pump. Sound Simple? We think so.

### **For the Harsh Environments**

Designed for the Field Technician in mind, the SS-Mega-Typhoon can handle the daily field riggers that are associated with ground water or remote water sampling. With its complete high polished stainless steel body and components, you can rest assure that the SS-Mega-Typhoon will not rust or corrode under normal working conditions. Low cost, low maintenance and ease of use make the SS-Mega-Typhoon the preferred choice for groundwater purging or low flow sampling.

### **Why Choose the SS-Mega-Typhoon?**

Simple to use! Runs off a 12 volt DC car battery or the ProActive mobile battery power packs.

Lifts up to 80 feet deep from ground level to water level!

Reliable design is suitable for continuous sampling or purging of groundwater wells.

Low Flow Sample as low as 10 M/L per minute, from any depth, when using the Low Flow with Power Booster I "LCD" Controller.

Easy to read, glow in the dark LCD display conveniently placed on top of the Low Flow with Power Booster I "LCD" Controller makes adjusting and reading the discharge rate a breeze!

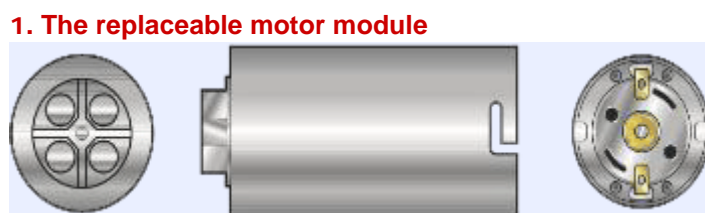
Computer engineered bottom debris filter screen minimizes passing sand, small rocks and debris, reducing clogging or damaging the pump motor!

Long lasting, high performance pump motor lasts over 500 hours under normal working conditions.

Simple to clean and decontaminate!

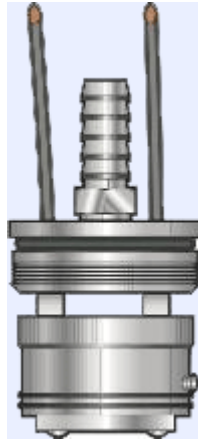
The SS-Mega-Typhoon is only 1.82" OD and constructed of three high polished stainless steel parts:

1. The replaceable motor module
2. The motor housing top connector
3. The outside pump housing



### **1. The replaceable motor module**

## 2. The motor housing top connector



Ready for field use;  
Supplied with 90 feet of heavy duty wire neatly rolled up on a tubular metal reel with pump holder and Low Flow with Power Booster I LCD adapter.

Low cost, Low maintenance, and ease of use make the SS-Mega-Typhoon the preferred choice for groundwater purging or low flow sampling

## 3. The outside pump housing



### **SS-Mega-Typhoon "60 Second Change Out Motor Design!" - A Great Value!**

Should the motor fail, the field technician can change out the SS-Mega-Typhoon motor in less than 60 seconds! And to start you off with; the SS-Mega-Typhoon comes complete with one additional motor module. In essence, you will be receiving two pumps for the price of one!

The main wear out parts consisting of the motor and seal all have been incorporated in a single replaceable motor module. Should the existing replaceable motor module fail in the field, a new replaceable motor module can quickly be installed within 60 seconds by a simple quarter turn twist! Once installed, your pump is essentially new and will have a life span identical to a new pump.

### **Low Flow With Power Booster I "LCD" Controller**

This Controller is specifically engineered for the SS-Mega-Typhoon and is rated for a continuous 20 amps. Only weighing 2 pounds, The Low Flow with Power Booster I "LCD" Controller is constructed of a heavy duty NEMA 4 steel casing. For added safety, this controller is engineered with a reverse polarity protection circuitry that incorporates a 30 amp fuse to protect the Controller and user.

The controller is also protected with a current limitation circuitry and thermal overload protection. Easy to read, glow in the dark LCD display conveniently placed on top of the Low Flow with Power Booster I "LCD" Controller makes adjusting and reading the discharge rate a breeze!

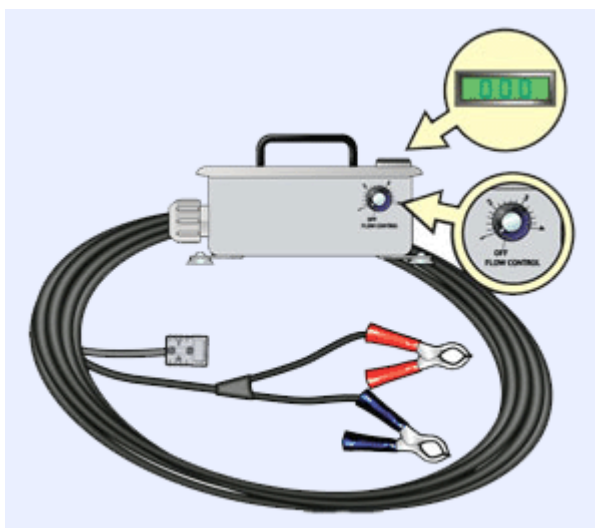
### **Purge or Low Flow Sample With One Easy Dial!**

Once turned on, the Low Flow with Power Booster I "LCD" Controller has the ability to boost a 12 volt dc battery to a constant 19 volts by means of Constant Voltage Regulation (CVR) Technology; by accomplishing this, the SS-Mega-Typhoon high performance pump motor will be energized with a constant 14 volts. In short, it has the ability to lift up to 80 feet from ground water level!

And, with the Low Flow With Power Booster I "LCD" Controller, the Field Technician can control the water discharge all the way down to 10 M/L per

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minute from 80 feet or less, meeting and exceeding the EPA® groundwater guidelines for Low Flow Sampling!

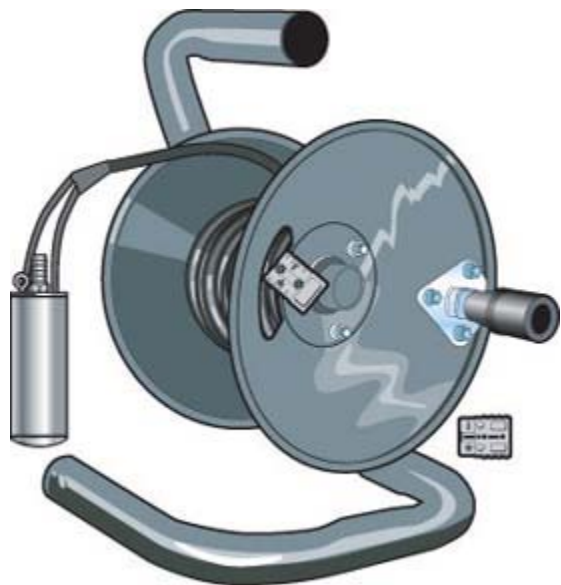


Now, sample with peace of mind! Easy to read, glow in the dark LCD display conveniently placed on top of the Low Flow with Power Booster I "LCD" Controller makes adjusting and reading the discharge rate a breeze!

## SPECS:

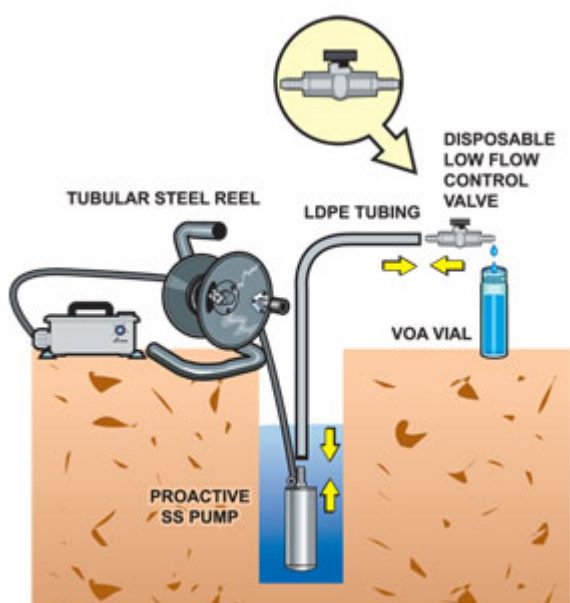
POWER CONSUMPTION:	240 WATTS (MAX)
VOLT RECOMMENDATION:	12-15 At Source
MAXIMUM AMP OUTPUT:	20 AMPS
MEASUREMENTS:	LENGTH 6" / DIAMETER: 1.82"
CONSTRUCTED:	HIGH POLISH STAINLESS STEEL
DISCHARGE OUTLET:	3/8" ID poly tubing can be used
SUPPLIED WITH:	90 feet of heavy duty PVC wire neatly rolled up on a tubular metal reel with pump holder and Low Flow Power Booster I with LCD adapter.

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<b>SS-Mega-Typhoon Pump Chart</b>	
<b>PUMPING DEPTH (DTW)</b>	<b>GALLONS PER MINUTE</b>
3	3.5
10	3.0
20	2.75
30	2.55
40	2.00
50	1.25
60	1.00
70	.50
80	.25
90	N/A

## Illustration of Low Flow Control Valve



The Low Flow Control valve will allow the user to obtain 10 ML per minute