

OPERATING INSTRUCTIONS FOR THE SS MONSOON® XL PUMP

SIMPLE TO USE AND EXTREMELY POWERFUL

The SS MONSOON®XL PUMP (Item# PS-10400) is capable of pumping up to 120 feet from ground level to water level (DTW*). Simply, connect the pump connector to the "LOW FLOW WITH POWER BOOSTER 2.0XL "LCD" CONTROLLER (Item# PA-10670). Please make sure the dial on the controller is turned all the way to the lowest position. Then, connect the controller to a 12 volt DEEP CYCLE AGM battery, this will energize the pump. Now, turn the dial clockwise on the controller, this will turn the motor faster ultimately giving you more flow. So what do you think... Simple? We think so.

"60 Second Change Out Motor Design!"

The SS MONSOON®XL PUMP (Item# PS-10400) is practically maintenance free! The only part that may need to be serviced is the replaceable SS Monsoon XL Motor Module (Item # PA-14060). 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 identically to a new pump.

The main wear out parts consisting of the motor and seal all have been incorporated in a single replaceable motor module.

The SS MONSOON®XL is constructed of three high polished stainless steel parts:

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

Changing Out The Motor Module - Easy as 1...2...3...

1. Unscrew the outside pump housing. If needed use the included ProActive wrench.
2. Quarter twist off replaceable motor module.
3. Insert the two new o-rings included, onto the motor module 3 pin bayonette connector and apply the waterproof lube on the 2 o-rings.
4. Line up the 3 cut-away grooves on the replaceable motor module with the 3 location dowels on the motor module 3 pin bayonette connector. Then slowly twist the replaceable motor module until tightened.

Once again, be gentle, not to rip the o-rings when inserting the replaceable motor module onto the motor module 3 pin bayonette connector!! Water will leak into the replaceable motor module, if the o-rings are cut or torn... shortening motor life!!

5. Tighten the outside pump housing. If needed use the included ProActive wrench.
6. Turn on pump dry (not in water) to test pump. If the pump turns on, then the pump is ready to for use. Leave running for 10 seconds.
7. If the pump fails to turn on, please repeat steps 1 through 6.

Using the Low Flow With Power Booster 2.0 "LCD" Controller

The LOW FLOW WITH POWER BOOSTER 2.0XL "LCD" CONTROLLER (Item# PA-10670) is very simple to use and requires minimal maintenance. The flow control dial is used to adjust the flow of water being discharged. From very low flow to high output please always use the LCD display as a guide to determine controller voltage output, which ultimately controls the pump's RPM'S (revolutions per minute or speed). As you increase the dial (turn clockwise) so does the voltage. This will enable the pump motor to spin faster, therefore, increasing the flow of water being discharged. To slow the flow of water, turn the dial counter-clockwise. Please note, if the pump should ever "pulsate", this indicates that your battery is critically low (below 11 volts). In short, the controller is telling you to charge your battery.

PLEASE NOTE: This LOW FLOW WITH POWER BOOSTER 2.0XL "LCD" CONTROLLER has a low voltage disconnect at 11 volts when in use. In short, this system will shut off and then turn on every few seconds (pulsate) or you may notice the water flow from the pump slowing down greatly if the output voltage on the battery drops to 10.75 when in use. What this means is the battery is reaching a "critical low level", so stop using the unit immediately and please recharge your battery within 24 hours.

*DTW means depth to water

If your pump fails to work-Please follow the trouble shooting guide below.

1. Battery is very low. Check battery level. Must be at least 12.5 volts minimum.
2. Reset breaker in controller by pushing in on the small knob.
3. Replaceable Motor Module needs to be exchanged with a new one.
4. Make sure all connectors are plugged into correct outlets and make sure controller dial is turned (turned clockwise all the way until it stops) all the way up.

Important Notes:

***"DO NOT TOUCH INSIDE OF PUMP IF RUNNING CONTINUOUSLY
FOR OVER 1 MINUTE. REPLACEABLE MOTOR MODULE
GETS EXTREMELY HOT WHEN IN USE."***

***DO NOT TURN PUMP ON IF THE OUTSIDE PUMP HOUSING IS NOT
ATTACHED TO THE MOTOR MODULE 3 PIN
BAYONETTE CONNECTOR.
HAND INJURY MAY OCCUR FROM FAST SPINNING IMPELLAR!!***

PROTECTED UNDER US Patent 7,584,785

Please make photo-copy of this manual when returning pump. Please return pump to:

Proactive Environmental Products International LLC
1767 Lakewood Ranch Boulevard, Suite #113
Bradenton, FL 34211
Phone: 1.941.322.8504 Fax: 1.941.322.8519
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