

# Motor Change-Out Instructions

## SS-Monsoon "60 Second Change Out Motor Design!" - A Great Value!

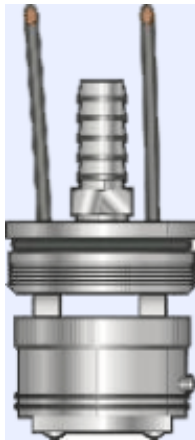
Should the motor fail, the field technician can change out the SS-Monsoon motor in less than 60 seconds! And to start you off with; the SS-Monsoon comes complete with one additional motor module. In essence, you will be receiving two pumps for the price of one!

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.

### 1. The replaceable motor module

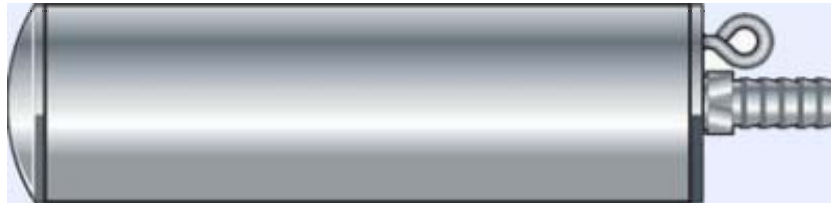


### 2. The motor housing top connector



- Ready for field use; Supplied with 130 feet of heavy duty wire neatly rolled up on a tubular metal reel with pump holder and Low Flow with Power Booster 2 LCD adapter.
- Low cost, Low maintenance, and ease of use make the SS-Monsoon the preferred choice for groundwater purging or low flow sampling.

### 3. The outside pump housing



#### **Low Flow With Power Booster 2 “LCD” Controller**

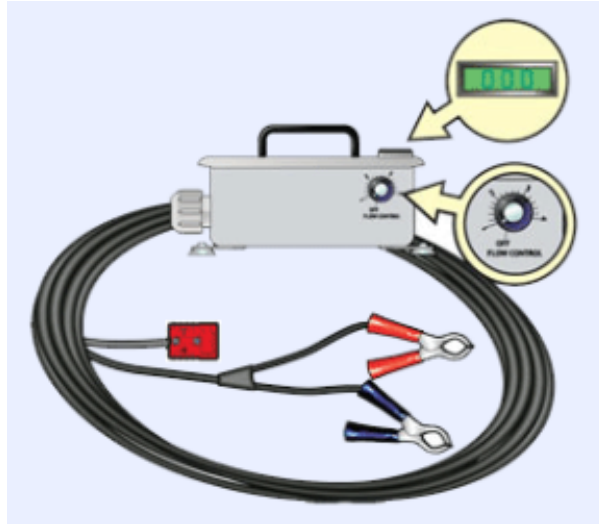
This Controller is specifically engineered for the SS-Monsoon and is rated for a continuous 25 amps. Only weighing 2 pounds, The Low Flow with Power Booster 2 “LCD” Controller is constructed of a heavy duty NEMA 4 steel casing. For added safety, this controller is engineered with a reverse polarity protection 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 2 “LCD” Controller makes adjusting and reading the discharge rate a breeze!

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

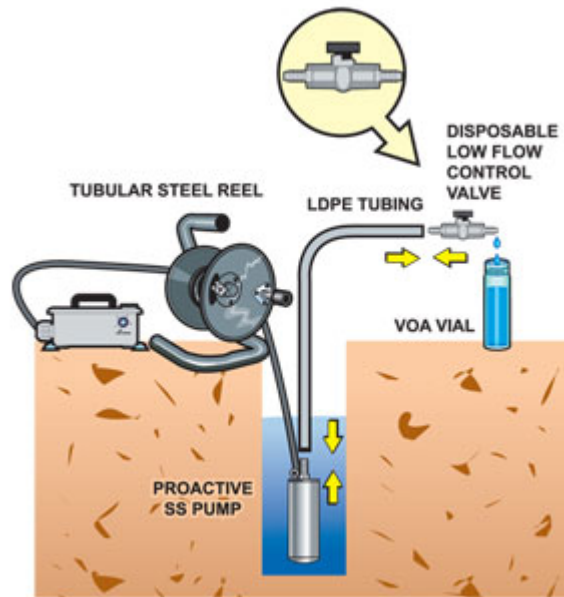
Once turned on, the Low Flow with Power Booster 2 “LCD” Controller has the ability to boost a 12 volt dc battery to a constant 19 volts by means of Constant Voltage Regulation (CVR) Technology; by accomplishing this, the SS-Monsoon high performance pump motor will be energized with a constant 14 volts. In short, it has the ability to lift up to 120 feet from ground water level!

And, with the Low Flow With Power Booster 2 “LCD” Controller, the Field Technician can control the water discharge all the way down to 10 ML per minute from 120 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 2 “LCD” Controller makes adjusting and reading the discharge rate a breeze!

### Illustration of Low Flow Control Valve



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