

# BATTLERS CONNECTION

## Large Bilge Pump(Injection)

### Assembly:

- Tools Required : 0.05", 3/32", & 2.5mm Hex "L" wrench's, scissors.
- Assemble pump per diagram below. Do Not use excessive torque on #4-40 Cap & M3 screws.
- Strainer Plate should be last and final part installed during assembly of pump.
- Install large oring Seal into groove in motor plate
- Motor shaft should have a key way "flat surface" for set screw to tighten against this will prevent impeller from spinning on shaft when pump is under load.
- After motor fitment to Motor Plate and installation of O-ring seal onto motor shaft then install impeller, Use 3 pieces of scrap paper or .010-.015" feeler gauge to set gap between impeller and motor plate.
- Optional Cut and CA strainer screen material to fit into the 7/8" square recess at the base of the pump over input housing avoid going outside of the recess.
- After assembly of motor/motor plate, mount to pump housing and verify impeller spins freely with no rubbing.
- Install Strainer Plate and complete connection of hose and wiring to motor.

### Specifications:

- Dimensions of pump housing: 1.04" Tall, 1.51" Wide, 1.89" Long
- Glass fiber reinforced plastic
- Accepts most all motors with 25mm spaced mount pattern.
- Impeller Available with 1/8", 4mm, 5mm shaft sizes
- Impeller built with internal metal shaft collar for increased strength
- Removable course particulate strainer plate
- Uses standard 3/8"OD 1/4" Vinyl hose.
- Tight tolerance design for maximum output!

