

## Contents of Drum:

### System

(Control Panel, Pump & Motor, \*Agitator, attached to chassis)

### Bolt Packet

Level Sensor with 4 levels

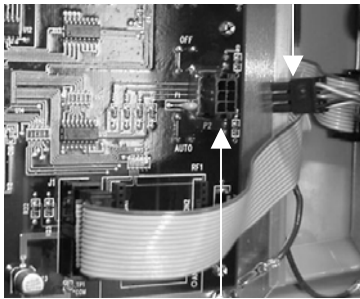
1/2" O.D. PVC flex pipe with strainer

\*Agitator Option: 1/2" O.D. PVC flex pipe

**\*Included only on systems with Agitator option**

**Picture 1 Circuit Board**

Level Sensor Plug



Female Connector  
on Circuit Board

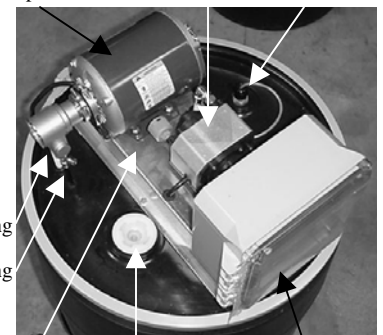
### Contents of Bolt Packet

1/4" Rubber grommet – 1  
3/8" Rubber grommet – 1  
1/2" Rubber grommet – 1  
1/4" Hex bolts (stainless steel) – 7 (one extra)  
1/4" Hex nuts with lock washers attached - 7 (one extra)  
Flat washers – 7 (one extra)  
1/4" Black tubing with check valve attached – 1

**\*Agitator Option: 1/2" Rubber grommet - 1**

**Picture 2 Assembled System**

Pump & Motor    \*Agitator    Level Sensor



## ASSEMBLY INSTRUCTIONS:

- 1) Cut lock off of the drum.
  - 2) Remove the drum lid.
  - 3) Cut box along the lines of the "X".
  - 4) Remove System from the box and the drum.
  - 5) Remove box from the drum.
  - 6) Replace the drum lid on the drum.
  - 7) Insert the 1/4" (small) and 1/2" (large) rubber grommets into appropriate holes of drum lid located near the 2" fill cap. **NOTE: \*If your system came with an agitator, you will have two 1/2" (large) holes on the drum lid, one near the 1/4" hole and one in the center of the drum lid. Place a 1/2" rubber grommet in each of these holes.**
  - 8) Set the System on the drum lid making sure to align the holes for the chassis and pump.
  - 9) Insert level sensor into 3/4" threaded bung hole located on the drum lid. (*Make sure you do not bend the level sensor at any time*) **See Picture 2**
  - 10) Screw the level sensor into the hole making sure the wire does not get tangled. (*A tangled wire can cause a short and cause the level sensor to become inoperable thus voiding your warranty.*)
  - 11) Insert the level sensor wire into the 3/8" (medium) rubber grommet then insert the grommet into 3/8" hole on the side of the chassis located next to the level sensor. *It may be difficult to insert the plug end through the 3/8" grommet, but it does fit.*
  - 12) Then run the level sensor wire under the chassis and into the enclosure panel up through the only available Heyco nut (hole) located on the bottom of the panel.
  - 13) Unscrew the false front of the control panel to reveal the circuit board located on the back of the false front.
  - 14) Plug the level sensor wire into the female connector located on the center right edge of the circuit board. **See Picture 1**
- \*Agitator Option:** If your system came with an agitator, run the 1/2" O.D. PVC flex pipe (without strainer) up through the 1/2" rubber grommet located on the center of the drum lid and through the 1/2" rubber grommet located on the chassis and then into 1/2" fitting on the agitator. *Make sure PCV flex pipe is pushed tightly into pump fitting.*
- 15) Bolt the chassis onto the drum lid using the 6 predrilled holes following the order from top to bottom: bolt, washer, chassis, drum lid, nut
  - 16) Run the 1/4" tubing with check valve up through the 1/4" (small) grommet located on the drum lid and into 1/4" fitting on the pump. *Make sure tubing is pushed tightly into pump fitting.* **See Picture 2**
  - 17) Run the 1/2" O.D. PVC flex pipe with strainer up through the 1/2" (large) grommet located on the drum lid and into 1/2" fitting in pump. *Make sure PCV flex pipe is pushed tightly into pump fitting.* **See Picture 2**

Once complete, close the drum lid tightly and replace drum ring.