

**1) INSTALLATION:**

**A. Mounting:**

Use (4) 5/16" mounting holes on back plate. (1)

**B. Air and Liquid Connections:**

1. Attach air line to 1/4" Female air inlet. (2)

2. Attach discharge line(s) to 1/8" NPT Female liquid outlet(s) of PurgeX®. Use pipe sealant on all NPT connections. (3)

**C. Power Connection:** (4)

**2) OPERATION:**

**A. Start up procedure (must be done in a clean environment):**

1. Fill reservoir with fluid to be pumped. (5)

2. Set air inlet pressure recommended: 40 to 125 PSI @ 72° F.

3. Air cycle rate pre programed at factory

4. Pump shipped at full volume .012 setting. (It is recommended to prime system at full volume).

5. Pump is ready to operate.

6. Pump will automatically fill lines upon operation.

**B. Liquid Output Adjustment:**

1. Set liquid output using adjust stem (using small flat head screw driver). (3)

2. Use the adjust stem atop each feed in conjunction with the air cycle rate (Individual conditions may vary).

3. Each clockwise turn of the adjust stem reduces output by:

.002 cubic inches, .03 cubic centimeters, .001 ounces.

4. Maximum output, per cycle, per feed, with adjust stem backed completely out:

.012 cubic inches, .20 cubic centimeters, .007 ounces

**C. Photo Sensor Infrared:**

1. Set Sensor Sensivity to Diagram 1 (shown at right) (6)

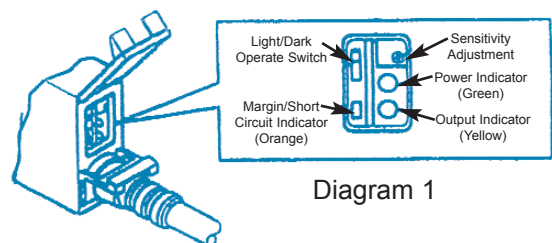


Diagram 1