

## TR-80810

### QUICK START MANUAL

- 1) Secure the enclosure with appropriate hardware (not included) so the hose and tube fittings are pointed downward. The filter/regulators auto drain must be pointing downward to operate.
- 2) Attach air supply line to (air in) fitting on bottom of enclosure. The supplied hose barb fitting is for 3/8" i.d. hose. A 1/4" i.d. hose barb adaptor is included loose with the unit. When changing hose adaptors make sure that the bulk head fitting is held with a wrench on the hex to prevent it from rotating.

**Note:** Damage to the unit will occur if spins.

- 3) Attach the (to pump) fitting to the pump supply line. The supplied fitting is a 3/8" o.d. push-to-connect fitting. This is the diameter of the air supply of the DGSI bundled nylon tubing.
- 4) Attach the 1/4" o.d. bubbler tube to the side of the pump and attach the other end of the tube to the bulk head tube fitting in the bottom of the enclosure labeled "Level Sensor". If the well is placed under a partial vacuum pass the bubbler tube thru the well seal fitting for the 1/4" tube size.
- 5) After the pump has been set in the well at the require depth and the well seal (if present) has been installed, open the air valve to the enclosure. First, adjust the air pressure on the filter/regulator for the pneumatic pump. Next, set the bubbler regulator to 5 psi. Slowly open the bubbler/restrictor valve and observe the magnehelic gage. The depth of liquid above the bottom of the 1/4" tube will be displayed in inches of water. If the gauge reading is at maxium scale, then either the pump has not had time to remove the well storage or the pump has malfunctioned.

**Note:** Bubbler pressures in excess of 15 psi will damage the magnehelic gauge.

- 6) The pulse counter advances each time the pump cycles. The counter is not resetable.
- 7) There are 2 each 1/4" push-to-connect breathers that shipped loose with the unit. Install one in the low pressure port bulkhead and one in the auto drain bulkhead to prevent debris or insects from blocking the ports.