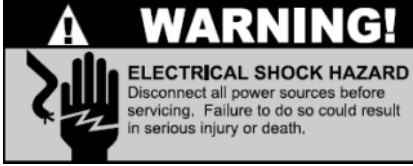


Manufactured By:

Alderon Industries
151 16th Street South, Hawley, MN 56549
●Phone: 218-483-3034 ●Fax: 218-483-3036
●Web: www.alderonind.com



Warranty void if panel is modified.

Notice:

This electrical panel must be installed and serviced by a licensed electrician in accordance with the NEC NFPA-70, state and local electrical codes. Cable connections must be liquid tight in NEMA 4X enclosures. Nema 4X enclosures ensure a degree of protection against corrosion, dust, rain, & splashing water from any angle.

Installation

Note: Conduit sealant must be used to prevent moisture and gasses from entering the panel. If splicing is required use liquid tight junction box and connectors. **Do not mount junction box inside sump or basin. Run control switches in separate conduit from pump and line power.**

1. Determine a good location for mounting the control panel.
2. Use the mounting devices supplied with the panel to mount the panel in an upright position, high enough so the panel will not be subject to submersion.
3. Determine the number, size, and location of the conduit locations on the enclosure. Note: control switches require separate conduit from power and pump cables.
4. Drill proper size holes for conduit connectors.
5. Attach cable/conduit connectors to enclosure.
6. Identify and label each wire before pulling through conduit/connectors.
7. Pull cables though conduit/connectors.
8. Tighten connectors/apply conduit sealant.
9. Make connections per panel schematic. Ensure incoming pump and control voltages match that of the panel and pump motors.
10. Power up the panel. After making final adjustments, ensure the panel is operating properly.

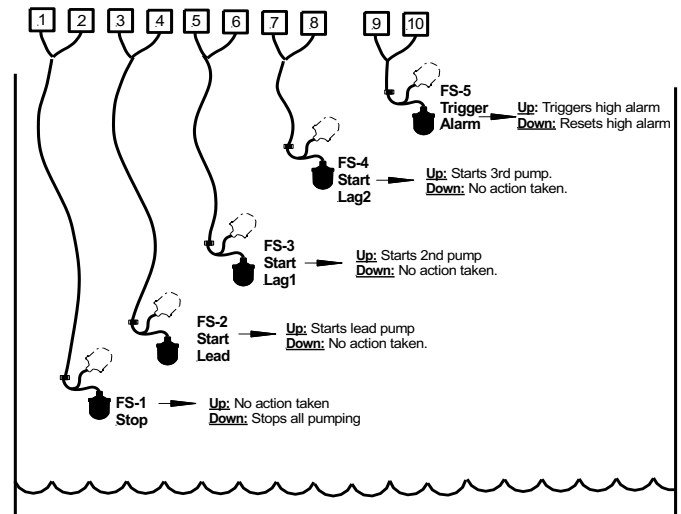
Sequence of Operation

Hand Mode:

When a HOA switch is placed in “Hand” mode the corresponding pump will be called to run.

Auto Mode: (Refer to float diagram below for pump start/stop operation)

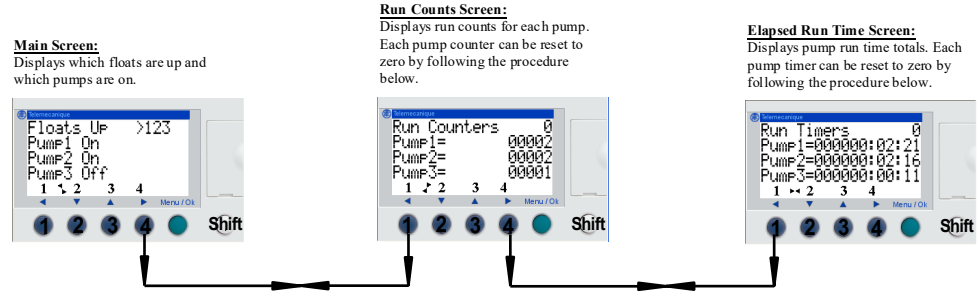
When the HOA switches are place into “auto” mode the float switches control when the pump(s) will be called to run and stop. The lead pump will alternate after; each stop command or when lead is taken out of auto mode.



Controller Display & Setting

Viewing Screens

To scroll through these screens press buttons 1 or 4.



Resetting Pump Counters & Timers Procedure.

To reset pump run counters or timers scroll to the proper screen and follow the instructions. Below is an example of resetting the pump1 run counter.

