

**5.2 ADJUSTING THE PRESSURE RELIEF VALVE** Turning the pressure valve counter-clockwise will decrease the system pressure relief setting and turning the valve handle clockwise will increase the pressure setting. If an engineer or system designer has not set the system pressure relief for you, you should have the glycol system setting above 3% to 5% higher than the main system pressure relief valve. That way in the case of system over pressure, the contents of the system will not over flow the glycol package.

**5.3 ADJUSTING THE PUMP INTERNAL PRESSURE RELIEF** (Bronze gear pumps only) Turning the set screw and lock nut counter-clockwise will decrease the pump internal pressure relief setting and turning it clockwise will increase the internal pressure relief setting. This feature is a pump standard, and on our system is only needed when setting the pump in low pressure systems. Over adjustment may cause harm to the operations of the pump. It's normally best to leave this alone. If you have a pump that is not performing, give us a call and we'll be glad to help.

**5.4 SETTING THE PRESSURE SWITCH** GTP Glycol Feed Packages, when specified, can be factory pre-set to your system requirements. When requested, your factory settings will be listed on label on back of instruction manual and on packing slip. If you are setting the pressure switch on site, please follow the steps below.

**STEP 1)** close isolation valve and open pressure relief valve.

**STEP 2)** Start systems in manual and adjust pressure relief valve to cut-in pressure desired. (This should be the low pressure setting)

**STEP 3)** Turn large nut on pressure switch out (counter-clockwise) until pressure switch is off.

**STEP 4)** now, turn same nut on pressure switch in (clockwise) until pressure switch is on.

**STEP 5)** Adjust pressure relief valve to cut-out pressure determined. (This will be the high pressure setting)

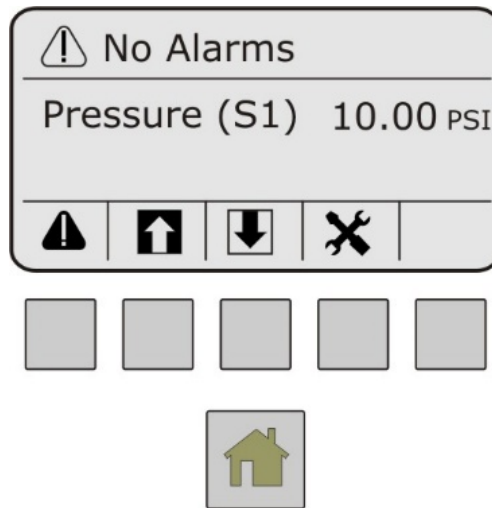
**STEP 6)** If pressure switch has not turned off, turn small nut (counter-clockwise) until pressure switch turns off.

**STEP 7)** If pressure turn off before you could set it, turn small nut clockwise 2 or 3 revolutions and repeat STEP 6.

**STEP 8)** Test setting by adjusting pressure relief valve in and out of range before returning system to automatic position.

**5.3 SETTING THE DIGITAL CONTROLLER**

GTP Economy Digital Glycol Feed Controller is a back lit custom LCD and should not be exposed to direct sunlight. The screen and key image to the right is the home screen. Understanding the Icon based menus will allow you to navigate the system. The buttons below the screen execute the symbols along the lower portion of the screen.



The symbols across the bottom of the screen are:

⚠ Alarms   ↑ Inputs   ↓ Outputs   ⚙ Maintenance

Other icon's include:

↩ Back One   ⚙ Calibration   ✕ Cancel   ✓ Check  
 ⌨ Enter   ➡ Scroll Left   ▼ Scroll Down   ▲ Scroll Up  
 ↓ Value Down   ↑ Value Up

**Main/Home Screen Menus**

⚠ Alarms  
Shows Alarms

↑ Inputs  
Pressure (S1)  
Unassigned (S2)  
Low Level (D1)  
Flow Meter (D2)

↓ Outputs  
Glycol Pump (R1)  
Mixer Timer (R2)  
Alarms (R3)

✕ Maintenance  
Global Settings  
Security Settings  
Display Settings  
File Utilities  
Controller Details

