

!!! IMPORTANT – PLEASE READ !!!

ProMinent® SYSTEMS QUICK START GUIDE

1. Pressure Relief Valves and Back Pressure Valves (PRV's/BPV's) are NOT pre-adjusted. ProMinent adjusts valves for QC purposes, but valves must be opened before shipping to allow water to be drained out.
2. The PRV's should be set no higher than the lowest rated component – typically the pump. In any case, do not exceed 150 psi with plastic piping. Tighten the PRV only with the a proper sized screwdriver or the furnished adjusting wrench. An improper adjustment tool will damage the valve adjustment screw.

No extraordinary start-up procedures are required. However, the following steps are recommended. WEAR SAFETY GLASSES WHILE WORKING ON CHEMICAL FEED EQUIPMENT!

- a. Unions tagged with Red Tape are purposely loosened prior to shipping. Check ALL unions for tightness and insure O-ring is properly seated before tightening. **DO NOT OVERTIGHTEN!** Hand tighten initially, and if necessary, apply one-eighth to one-quarter turn with properly sized wrench. **DO NOT OVERTIGHTEN!**
- b. Start the pumps in manual control mode with water – **DO NOT APPLY SYSTEM PRESSURE. CHECK MOTOR ROTATION!** (clockwise, looking down towards pump). Open oil vent, if applicable. Check for leaks.
- c. Check pulsation dampener fastener bolts' torque and inflate dampeners before applying system pressure (~80% of System Pressure). Set BPV for at least 15 psi pressure. Set PRV for rated pressure of weakest link in system.
- d. Run the system in manual mode with water. Build pressure. Check for leaks! Correct all leaks before introducing chemical into the system.
- e. Familiarize yourself with controls, check functionality of instruments, and verify correct pump output.
- f. Run the system in automatic mode with water. Verify functionality of alarms and safety devices. Verify correct pump output and functionality of instruments.
- g. Run the system in automatic mode with chemicals. Allow system to build pressure and check for leaks.

Please call if you have questions.

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