



## 2.0 OPERATION

### 2.1 START PUMP

- Close air shut-off valve between pump & pressure regulator.
- Turn on driving air supply.
- Adjust air pressure regulator at air control unit (Filter Regulator) to 20 psi (1.4 Bar) starting pressure.
- Open valve in hydraulic circuit to allow free liquid flow.
- Slowly open the air-shut-off valve to start the pump cycling. Reduce air pressure to 10 psi (.69 Bar)
- After the pump has been primed, close valve in hydraulic circuit. Note: High pressure pumps may require positive pressure at liquid inlet to prime.
- Check hydraulic and air circuits for leaks in lines, fittings and etc.
- With pump and circuit operating properly, readjust air pressure regulator until desired pump discharge pressure is reached. The hydraulic circuit is ready to operate.

### 2.2 STOP PUMP

- Close air shut-off valve. Normally after driving air supply has been adjusted, the pump can be on-off controlled or reduced in pumping rate at the air shut-off valve.
- After stopping pump, bleed off hydraulic pressure before disconnecting the hydraulic circuit.

**For further questions, please contact our  
technical department at (706) 864-7009.**

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**WARNING:**  
**FOR MAXIMUM PUMP LIFE, DRIVING AIR**  
**SHOULD BE FILTERED TO 10 MICRON.**  
**LIQUID RETURN SHOULD BE FILTERED TO 5 MICRON.**

**WARNING:**  
**LOOSE CONNECTIONS WILL RESULT IN HIGH PRESSURE LEAKS AND**  
**CAN CAUSE SERIOUS INJURY OR DEATH.**

**WARNING:**  
**DO NOT EXCEED 100 PSI DRIVING AIR PRESSURE. PRESSURES IN EXCESS**  
**OF 100 PSI CAN CAUSE EQUIPMENT DAMAGE AND SERIOUS INJURY**  
**OR DEATH IN THE EVENT OF AN EXPLOSION.**