

D. CONNECTING AUTOPRIME™ TUBING

1. Using 1/2" O.D. polyethylene tubing, cut AUTOPRIME™ tubing to length so that it returns to the solution tank. This tubing must not be submerged in the solution.
2. Follow the same procedure in connecting AUTOPRIME™ tubing to the AUTOPRIME™ valve (see **B. Connecting Discharge Tubing**).

E. PRIMING FOR AUTOPRIME™ LIQUID ENDS

When all precautionary steps have been taken, the pump is mounted, and the tubing is securely attached, you may now start priming the pump.

1. Plug in or switch the pump on.
2. While the pump is running, set at 100% speed and 100% stroke length.
3. The suction tubing should begin to fill with solution from the tank.
4. The pump is now primed.

Note: The pumps are normally self priming if suction lift is less than 5 feet (1.5 meters), check valves are wet (there is usually water in the pump head when shipped from the factory), and the steps above are followed. If the pump does not self prime, you can choose one of 2 ways to help prime:

1. Remove the AUTOPRIME™ valve and cartridges and slowly pour water or solution into the pump head until it is filled. Replace cartridges and AUTOPRIME™ valve and repeat steps above.
2. Temporarily improve suction conditions by pumping from a container closer to or above pump.

F. DEPRESSURIZING THE DISCHARGE LINE AND PUMP HEAD

ALWAYS wear protective clothing, face shield, safety glasses and gloves when performing any maintenance or replacement on your pump.

Read steps 1 and 2 below before proceeding.

1. Be sure the Injection Check Valve is properly installed and is operating. If a shut off valve has been installed downstream of the Injection Valve, it should be closed.
2. **Line Depressurization:**
To reduce the risk of chemical splash during disassembly or maintenance, all installations should be equipped with line depressurization capability. Installing a ROYTRONIC® 4-Function Valve is one way to include this capability. Refer to the operating instructions of the valve or device.



When tubing connections are loosened, chemical will drain from the line. Use appropriate safety precautions to avoid contact with chemical.

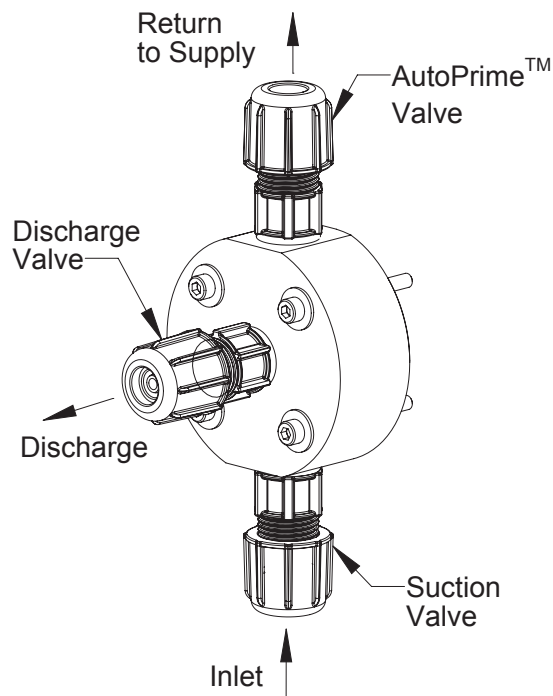


FIGURE 3

REFER TO YOUR ELECTRONIC METERING PUMP INSTRUCTION MANUAL FOR ADDITIONAL INSTRUCTIONS AND PRECAUTIONS. You may contact your local LMI Distributor for additional information or visit LMI on the web at www.lmipumps.com