

D. PRIMING FOR FastPrime™ LIQUID ENDS

1. Connect the 3/8" outer diameter clear vinyl tubing provided with the pump to the FastPrime™ Valve barbed nozzle (Figure 3). Route tubing to the solution tank. This tubing must not be submerged in the solution.

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

2. Plug in or switch the pump on.
3. While the pump is running, set at 100% speed and 100% stroke length.
4. Turn The FastPrime™ knob 1 to 2 turns counter-clockwise ⤴.
5. The suction tubing should begin to fill with solution from the tank.
6. A small amount of solution will begin to discharge out the return line of the FastPrime™ valve. Once this happens, turn the knob clockwise ⤵ until hand tight and **SHUT THE PUMP OFF**.
7. 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 discharge valve and discharge cartridges and slowly pour water or solution into the pump head until it is filled. Replace cartridges and discharge valve and repeat steps above.
2. Temporarily improve suction conditions by pumping from a container closer to or above pump.

E. 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, 2 and 3 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.
3. **Pump Head Depressurization:**
Be sure your relief tubing is connected to your FastPrime™ valve and runs back to your solution drum or tank.
Turn the FastPrime™ knob one-and-a-half turns counter-clockwise ⤴. The Pump Head is now depressurized. Keep the valve open until solution drains into the solution drum or tank. Then turn the FastPrime™ knob clockwise ⤵ to tighten the knob to a closed position.



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

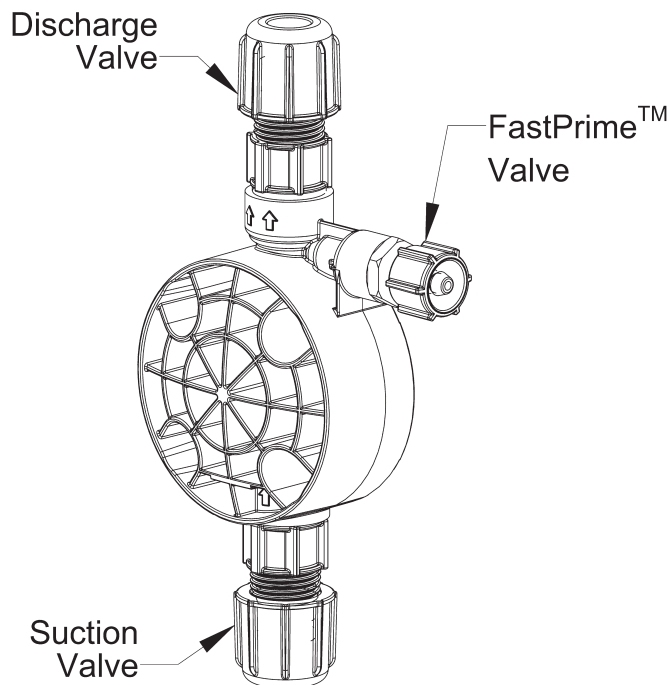


FIGURE 3

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