



MARCH PUMPS

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750 SELF PRIMING RESERVOIR P/N 0750-0227-0100

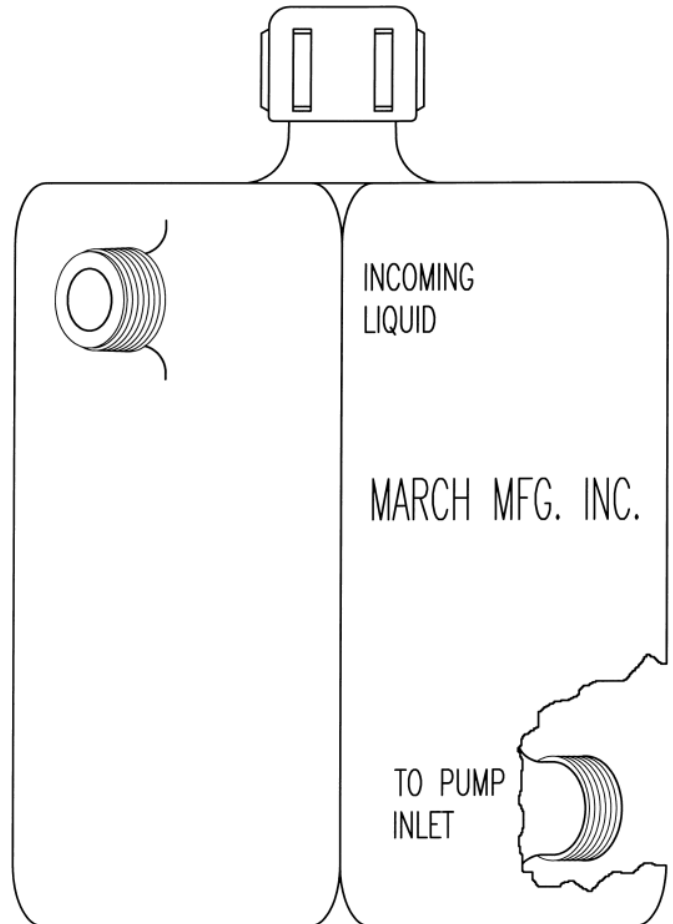
USED ON THE FOLLOWING PUMP MODELS:

SERIES 4: AC-4C-MD, BC-4C-MD, BC-4K-MD

SERIES 5: AC-5C-MD, TE-5C-MD, TE-5K-MD

For use on other models, contact the factory or your distributor.

SPECIFICATIONS		750 Priming Reservoir
	Inlet	1" MPT
	Outlet	1" MPT
	Filler Port	1" MPT
Liquid Capacity	US Gallons	1
	Liters	3.7
Max Internal Pressure	psi	25
	bar	1.7
Max Liquid Temperature	°F	130
	°C	54
Part Weight	kg/lbs	0.68/1.5
Overall Pump Dimensions (Inches)	Height	11.28
	Width	6.13
	Length	8.77
Overall Pump Dimensions (cm)	Height	28.6
	Width	15.5
	Length	22.2



MAXIMUM LENGTH OF INLET PIPE:

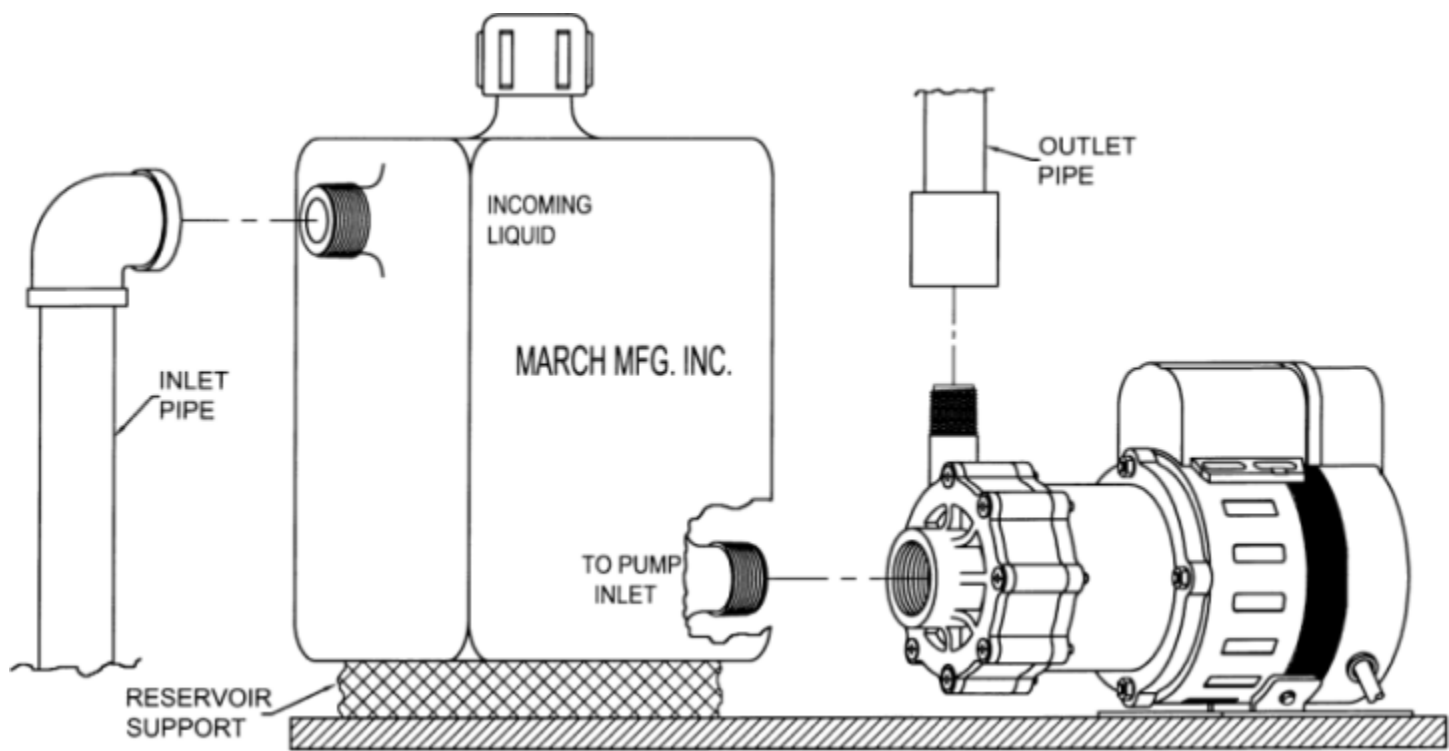
10 FEET* (3 METERS)

*Based on pumping room temperature water through 1" I.D. pipe with one 90° elbow, on 60 Hertz current.

INSTALLATION INSTRUCTIONS:

The Reservoir has 1 inch male tapered pipe threads on both the inlet and outlet ports. These threads match the female threads on the inlet ports of the March model AC-4C-MD, BC-4C-MD, BC-4K-MD, AC-5C-MD, TE-5C-MD, and TE-5K-MD pumps. The threaded port on the Reservoir farthest from the Filler Cap can be screwed directly into the inlet port of the pump. Attach a 1 inch pipe to the top port of the Reservoir, or a 1" pipe to 1" barb hose fitting and 1" I.D. tubing from the Reservoir to your liquid tank. The maximum suction length of the inlet pipe combining both vertical and horizontal lengths should not exceed 10 feet (3 meters).

If you are making a permanent installation, you should then secure the pump at its base and provide a support under the Reservoir to prevent eventual sagging of the plastic Reservoir and piping system. Connect 3/4" or smaller pipe or plastic tubing to the outlet port of the pump. The pipe or tubing should extend up beyond the height of the Filler Cap on the Reservoir before you start your horizontal run.



OPERATION:

1. After the Reservoir is attached to the pump and the piping is hooked up, unscrew the Filler Cap on the Reservoir and add approximately one gallon of liquid.
2. Replace the Filler Cap and tighten securely to prevent air leakage through the Cap.
3. Make sure that all pipe connections to the pump and Reservoir (inlet and outlet) are secure, then start up the pump.
4. During the first few minutes there will be air trapped in the Reservoir and the piping. This air must purge itself before the full rated performance of the pump will be achieved. If the air does not purge itself, then check for air leakage at the various pipe and Reservoir connections. The longer the length of the inlet pipe, the longer it will take to purge the air. At the maximum length, the air may never fully purge out of the system.
5. When the pump is shut off, it is possible that the system will siphon the liquid out of Reservoir. If this occurs, you must then refill the Reservoir before starting up again. If the liquid remains in the Reservoir, then it is not necessary to refill before restarting the pump.
6. Liquids that have water like characteristics will function as described above. Liquids with higher specific gravities and viscous liquids may not give you satisfactory results. You must determine the acceptability of the Reservoir for a specific liquid and specific piping situation.

SPARE PARTS:

1. Reservoir & cap assembly P/N 0750-0227-0100
2. Reservoir (Polyethylene) P/N 0750-0227-1000
3. Filler cap (Polypropylene) P/N 0155-0182-1000

LIMITED WARRANTY:

March pumps are guaranteed only against defects in workmanship or materials for a period of one year from date of manufacture pumping water. On all other solutions, contact the factory for application assistance. March Pump Application Worksheet 0750-0130-1000 is available for additional warranty information.