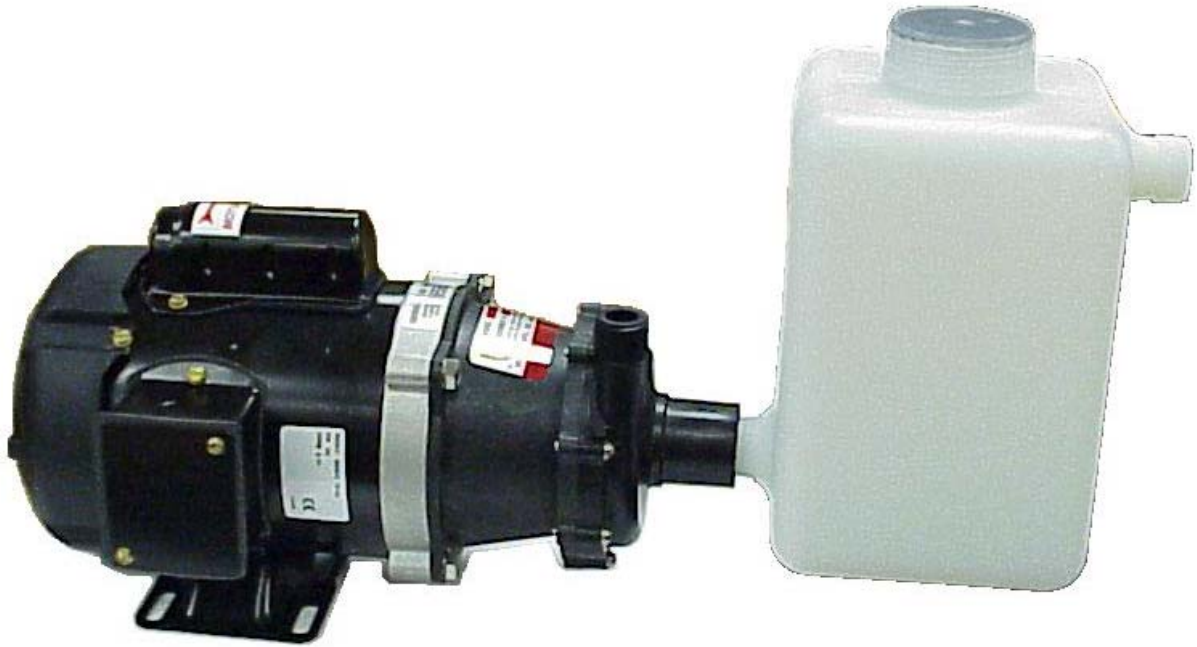




MARCH PUMPS

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INSTRUCTIONS & REPAIR PARTS FOR P/N 0750-0227-0100 SELF PRIMING RESERVOIR



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, AC-5C-MD, TE-5C-MD, TE-5.5C-MD, DP-6T-MD, and TE-6T-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 is shown on the following chart.

PUMP MODEL	MAXIMUM LENGTH OF INLET PIPE*
AC & TE-5C-MD	10 FEET
TE-5.5C-MD	7 FEET
DP & TE-6T-MD	6 FEET

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

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 $\frac{3}{4}$ " 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 compress the Filler Cap Gasket to prevent air leakage through the Cap.
3. Make sure the pump and Reservoir and piping on both inlet and outlet is 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, filler cap & gasket ass'y. P/N 0750-0227-0100
2. Reservoir (natural polypropylene) P/N 0750-0227-1000
3. Filler cap P/N 0750-0228-1000
4. Gasket only (Viton Rubber®) P/N 0750-0229-1000

Maximum liquid temperature is 130°F

Maximum internal pressure is 25 PSI

Prices subject to change without notice. Contact Factory for other materials/or parts not listed on standard pumps.

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 750-130-10 is available for additional warranty information.

