

## VIKING MECHANICAL TIMER VALVE INSTRUCTIONS

**NOTE:** For reliable operation, static water line pressure should not exceed 50 PSI. A regulator may be required to reduce static pressure. This unit has an internal filter on the inlet side – you should still flush the line out before connecting to the timer, especially when using a self-tapping saddle valve. The inlet and outlet fittings are indicated on the bottom of the timer.

### STEP #1 - INSTALLATION

1. Choose a location where unit is readily accessible by operator.
2. To use the screw and anchor pack provided, drill (4) 1/4" mounting holes. **NOTE:** All four mounting holes should be used. When the unit is mounted correctly, the crank is on the left side, inlet on the bottom, and outlet on the top.

### STEP #2 - WATER HOOK UP

- A. Use a self-tapping saddle valve or a tee and threaded reducer fittings to provide a water source for the timer. Run 1/4" O.D. supply tubing from the fresh water supply up to the "IN" side (bottom) of the timer. Before connecting the tubing to the timer, run water through the line to flush out any debris.
- B. Remove the compression nut and while holding the ferrule in place with your index finger, slide the nut down on the 1/4" tubing until it extends 1/8" above the ferrule and sides of the compression nut. Insert into the timer and hand tighten the nut.
- C. Take a length of 1/4" tubing and run it from the top of the timer to your Viking Bowl vacuum breaker. Loosen the nut on the top of the timer and insert the output line down through the nut until it bottoms in the fitting and hand tighten the nut.
- D. **DO NOT USE BRASS FERRULES AND COMPRESSION NUTS – THE FITTINGS ON THE TIMER VALVE ARE DESIGNED TO BE USED WITH THE JACO NUTS SUPPLIED WITH THE TIMER – BRASS FERRULES AND NUTS WILL DAMAGE THE COMPRESSION FITTINGS, DESTROY THE TIMER, AND VOID YOUR WARRANTY.**

### STEP #3 - RUN TIME ADJUSTMENT

**NOTE:** The markings on the side of the timer are for reference only and do not indicate real time. Minimum run time is approximately 15 seconds; maximum run time is approximately 55 seconds.

- A. To set the run time, loosen the two (2) screws on the side of the dispenser and rotate the crank lever stop ring **COUNTER-CLOCKWISE** to the desired position and tighten the screws. **CAUTION:** This is a plastic device - **DO NOT OVER TIGHTEN SCREWS.**
- B. To allow the end user the option of using the manual button remove the button cover, located on top of the timer.

**REMOVING & CLEANING OF THE FILTER** - If over time the filter becomes clogged enough to noticeably restrict flow, you can remove and clean it. Straighten a paper clip, using pliers bend one end at a 90 degree angle 1/8" from the end. Without piercing the mesh, pry the filter out by pulling on the rubber seal. Clean and reinstall using the eraser of a pencil.

**NOTE: THE TIMER MECHANISM SHOULD NEVER BE OILED!!! \*\*\*\*\* WARRANTY 90 DAYS \*\*\*\*\***

[www.viking-injector.com](http://www.viking-injector.com)

