

# ***E-VALVE™***

## ***FUEL VENT MOISTURE CONTROL MANIFOLD***

### ***By Herrington Marine Technologies***

#### **INSTALLAING AND UNDERSTANDING YOUR MARINE “E-VALVE”**

- 1: The E-Valve was designed to be installed in-line with your 5/8” ID fuel vent line. (This is the line that runs between your fuel tank and your overboard thru-hull vent fitting.
- 2: Locate and trace out your fuel vent line from tank to overboard fitting. Now locate a good spot in which to mount your E-Valve. The ideal location would be as close to your overboard fitting as possible, room permitting.
- 3: Now mount your E-Valve. The E-Valve may be mounted horizontally, vertically or flat. Follow the markings on the E-Valve so you know it is going in the right direction. At the same time making sure it will not be mounted where it will catch fuel and retain it.
- 4: Once you have determined where to mount your E-Valve, using a razor knife cut your 5/8” ID fuel vent hose and install one hose clamp then secure it to one end of your E-Valve. Measure how much hose has to be cut out (usually around 11”) and make that second cut and install one hose clamp to the other end of the E-Valve.
- 5: It is important to follow the markings on the E-Valve to make sure it is installed in the correct position. The left side of the E-Valve will be connected to the hose going to your overboard thru-hull vent fitting and the right side will be connected to your 5/8” ID fuel hose coming from the fuel tank.

#### **HOW THE E-VALVE WORKS. THE E-VALVE IS A DOUBLE CHECK SYSTEM**

- A: One check valve allows the air to exit freely out the fuel vent line as the boat is being re-fueled or in very hot weather when you experience fuel expansion.
- B: The other check valve seals off the fuel system while your boat is just sitting there thus not allowing free movement of moisture laden air into your fuel system, but will still allow free air flow while you are running.

*MEETS & EXCEEDS USCG REQUIREMENT 183.520 / ABYC & NMMA COMPLIANT  
CAN BE INSTALLED IN EITHER THE HORIZONTAL OR VERTICAL POSITION  
DIMENSIONS 10” L X 3.5”H X 1.5”W; 5/8” HOSE FITTINGS; WEIGHT 1 lb.*

Manufactured by:  
**Herrington Marine Technologies, Inc.**  
959 Vashon Drive, Greenbank, WA 98253  
360-222-3106 / Fax 360-678-4420

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