



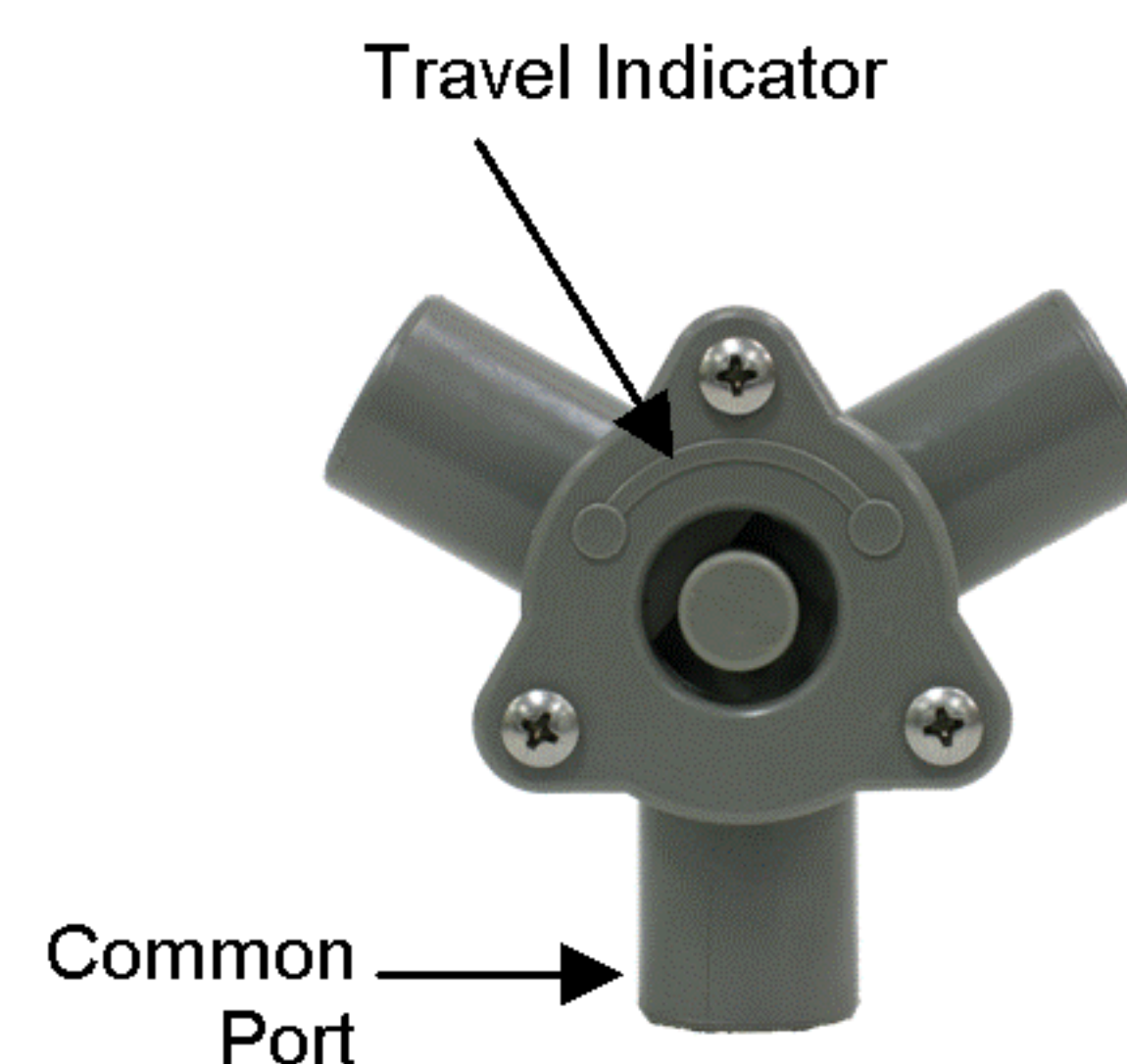
Application

Using a Bosworth Y-Valve (Diverter Valve) to control flow from sailboat head to overboard or to holding tank

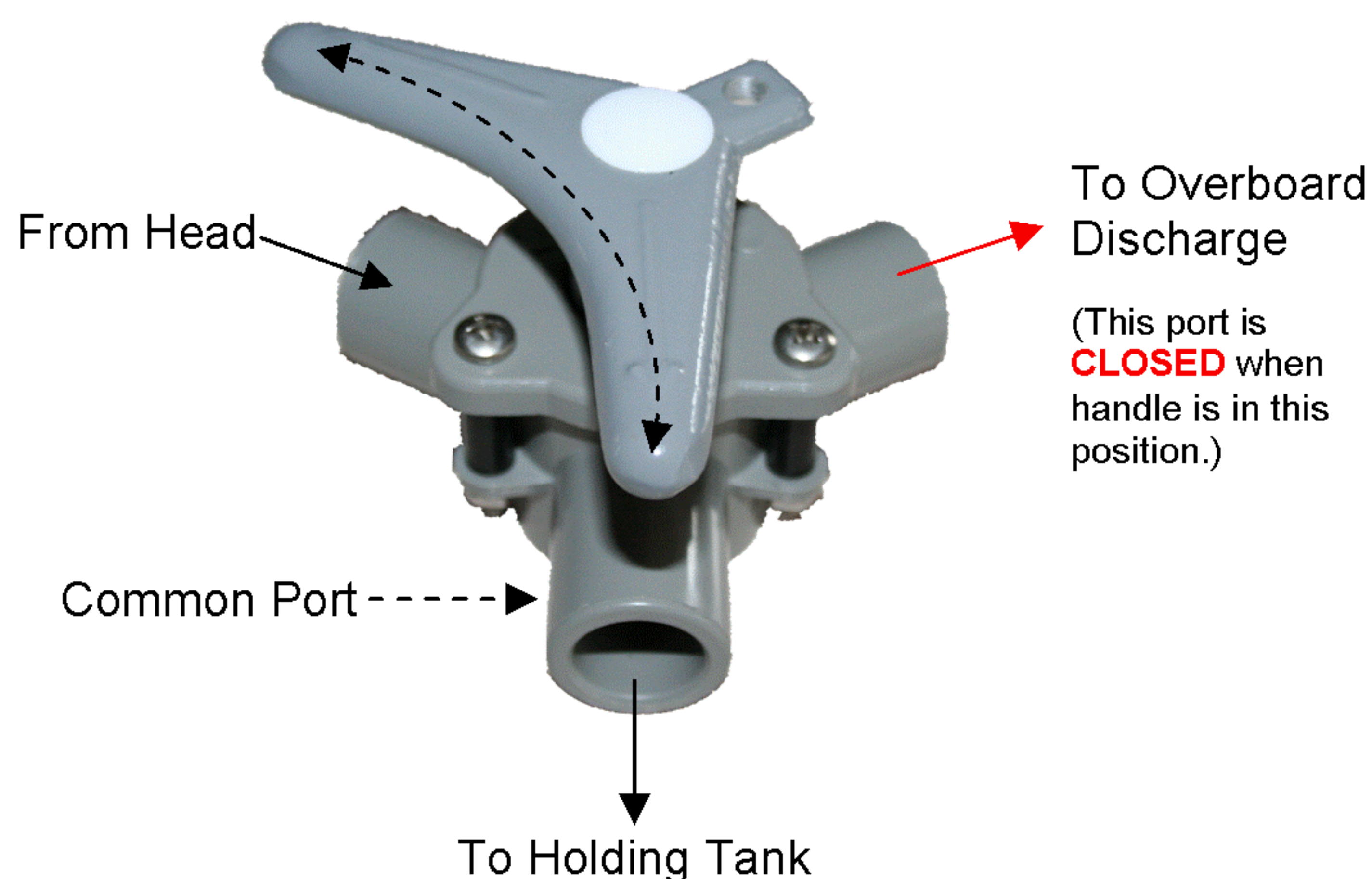
Select the "Common Port"

Note the Y-valve handle "travel indicator" on the top of the Y-valve bonnet.

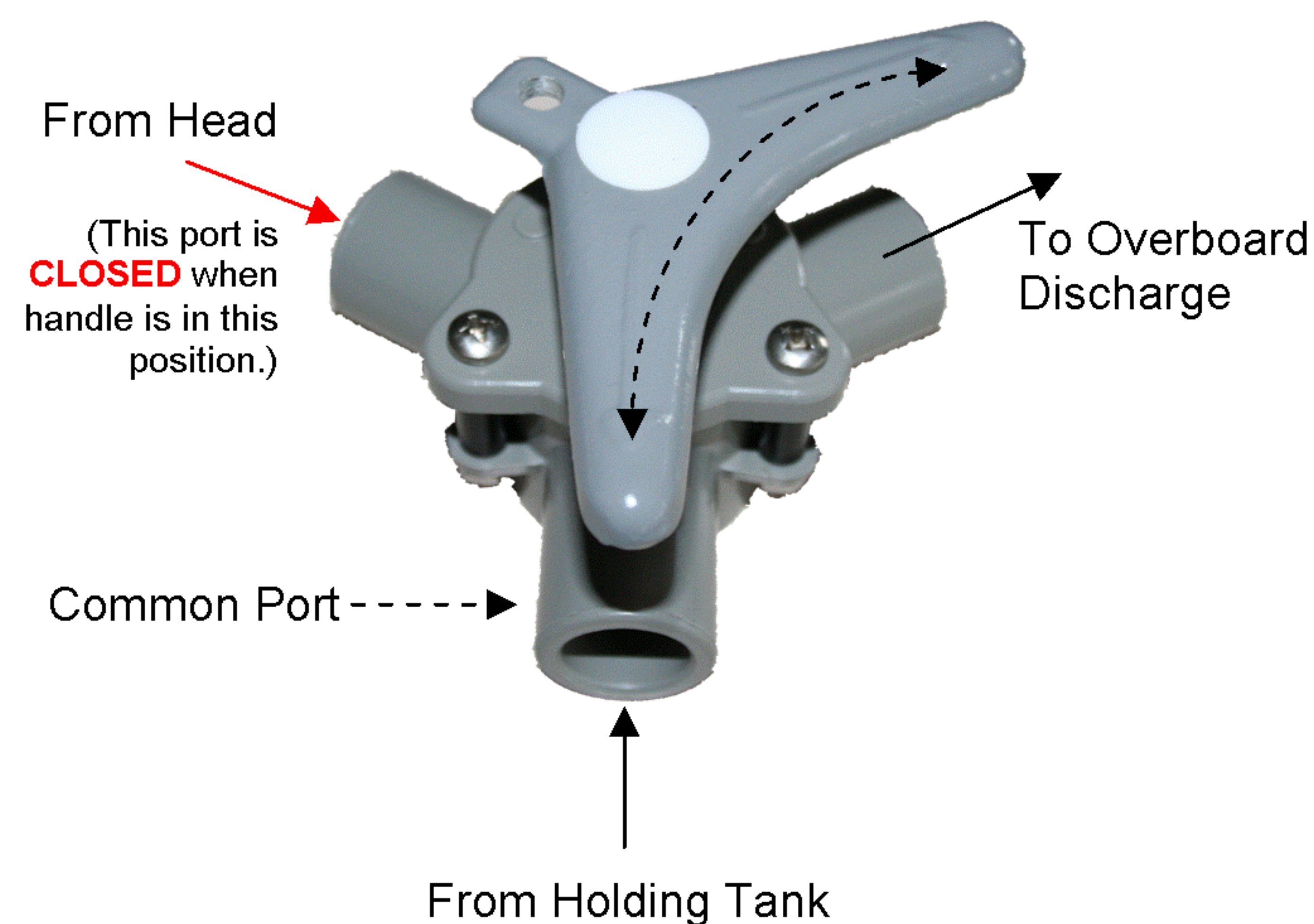
Use the port opposite the travel indicator as the "common port"; i.e., in this case the port leading to the holding tank.



From Head to Holding Tank



From Holding Tank to Overboard



Question

"I have a Y-94 diverter valve installed on my Pearson 303. One inlet is connected to the line coming from the head. One outlet is to the holding tank and the other is for direct overboard discharge.

"I can't figure out how to switch the valve to empty the holding tank directly to flow to the overboard discharge. Is there a handle position where the flow will go to the overboard position?"

Answer

This application is easily addressed by the Y-valve configured to operate in a "2-port" mode. The trick is to connect the holding tank to the common port of the Y-valve as shown at left.

Active Flow Path



Arrows on handle indicate active flow path