

# **How to Hook Up an Automatic Ballast System**

*The Best Possible Way is by Keeping it Basic!*

## **For EACH Pro X Series Fat Sac you will need the following:**

*1 x (W610-P) Jabsco Metal Ballast Puppy Pump with Fill/Empty Switch*

*25ft of (558031-Black Hose) 1" Black Reinforced Bilge Hose*

*2 x (W743) 1" Quick Connect - Sac Valve Thread (use PVC Cement to screw this fitting into the Fat Sac)*

*2 x (W741) Flow-Rite 1" Straight Quick Connect Socket*

*2 x (W746) Flow-Rite 1" Elbow Quick Connect Socket*

*6 x (558031-Clamp) 316 Stainless Steel Worm Drive Hose Clamp 5/16" - 1 1/2" Clamp Diameter Range*

*2 x 1" Thru Hulls - One for the bottom of the boat for Filling/Emptying; One for Venting/Overflow*

*Adequate length of electrical wire to wire up the fill/empty switch and the Jabsco Metal Ballast Puppy Pump*

***NOTE: It is CRITICAL to use 1" hose, 1" fittings, 1" Thru Hulls, etc... EVERYTHING needs to be 1" with the Jabsco Metal Ballast Puppy Pump when doing an automatic ballast system. This will allow your system to fill and empty faster than any other other method without anything getting stressed.***

## **Directions:**

*Step 1:*

### **FOR FILLING AND EMPTYING**

*Run 1" Black Reinforced Hose from the 1" Thru Hull Fitting in the bottom of the boat to one side of the Jabsco Pump*

*Step 2:*

*Run 1" Black Reinforced Hose from the other side of the Jabsco Pump to the bottom valve on the Pro X Series Fat Sac*

*Step 3:*

### **FOR VENTING / OVERFLOW**

*Run 1" Black Reinforced Hose from the highest valve on the top of the Pro X Series Fat Sac to the 1" Thru Hull Fitting out the side of the boat.*

***NOTE: The vent overflow thru hull fitting needs to be higher then where the 1" Vent Hose is attached to the valve on the top of the Pro X Series Fat Sac (When Full). This is to prevent water from being blown out of the vent/overflow thru hull or a siphon from being started***

*For any questions, please call  
Barefoot International and Fly High Mfg. at 1-414-964-3668*