

Barefoot International / Fly High Fat Sac Filling and Emptying Options

We are not trying to convince you one way or the other, but we want you to be able to make an informed decision about what is best for you...

There are three options when choosing how to fill and empty your Fat Sacs

- 1) Adding Fat Sacs to the existing factory ballast system using the same pumps & switches
- 2) Using Tsunami Pumps to fill your Fat Sacs manually
- 3) Using a Jabsco Pump for each Fat Sac to create your own automatic ballast system in your boat

While adding the Fat Sacs to your existing factory ballast may sound convenient, it takes longer to fill and empty. This is because your existing system has to fill up and then it has to fill the additional Fat Sacs. Would you want to wait this additional time that it takes to have your additional Fat Sacs filled?

What you could be doing if you wanted to save time is use 2 or 3 Tsunami Pumps to plug into the cigarette lighter accessory plugs to fill your additional Fat Sacs manually while your factory ballast system is filling. In about the same amount of time that it takes for your factory ballast system to fill, you could have your additional Fat Sacs manually filled via the 2 or 3 Tsunami pumps. What would you be doing while you were waiting for your automatic factory ballast system to fill anyways?

Another option that's fast and convenient is using a Jabsco Pump to setup an additional automatic ballast system for each Fat Sac you install in your boat. By properly installing a single Jabsco pump per Fat Sac, you will be out riding faster and getting more time on the water.

By reading the full description of the three Fly High Fat Sac filling & emptying options below, you can make a complete informed decision on what option is best for you!

Adding Fat Sacs To Your Automatic Factory Ballast System Using The Same Pumps And Switches That Came In The Boat

There are different ways to add Fat Sacs to an automatic factory ballast system using the same pumps and switches that came in the boat.

The main thing is: that for every 1" or 1½" inch hose that you attach to the Fat Sac, you use a (W743) 1½" gray fitting that you screw into the Fat Sacs with All-Purpose PVC Cement

and

either a (W741) 1½" Flow-Rite Straight Black fitting with the red ring OR a (W746) 1½" Flow-Rite Elbow Black fitting with the red ring (whatever allows the hose to most naturally attach to the Fat Sac without bending or kinking the hose).

The (W741) or (W746) goes on the end of the hose (558031-hose) using a hose clamp (558031-clamp) and then it will clip onto the (W743) gray fitting that you screwed into the Fat Sac with All-Purpose PVC cement.

To unclip it, you simply pull the red ring back on the black fitting.

For every ¾" hose that you attach to the Fat Sac, you do the same thing but use a (W736) ¾" gray fitting and a (W740) ¾" Flow-Rite Straight Black Fitting with the red ring or a (W742) ¾" Flow-Rite Elbow black fitting with the red ring.

¾" Fittings



W736



W740



W742

1½" Fittings



W743



W741



W746

Quick Tips For Using The Tsunami Pump (part # W709)



The Tsunami Pump is the fastest pump that you put over the side of the boat and plug into the cigarette lighter accessory plug to manually fill and empty the fat sacs. It is made to go on and off the Pro X Series Fat Sacs very fast and easy to save time. The clear hose on the Tsunami Pump (W709) allows you to clearly see when the water is flowing good. It also allows you to see if there are any air bubbles, weeds, sand or dirt in it that are slowing the flow or are being pumped into your fatsac.

Step 1:

First put the Tsunami pump over the side of the boat under the water.

Step 2:

Then counter twist the end of the hose before sticking it in the quick connect with cap and chain on the top of the Pro X Series Fat Sac so it twists back and holds itself in the groove.

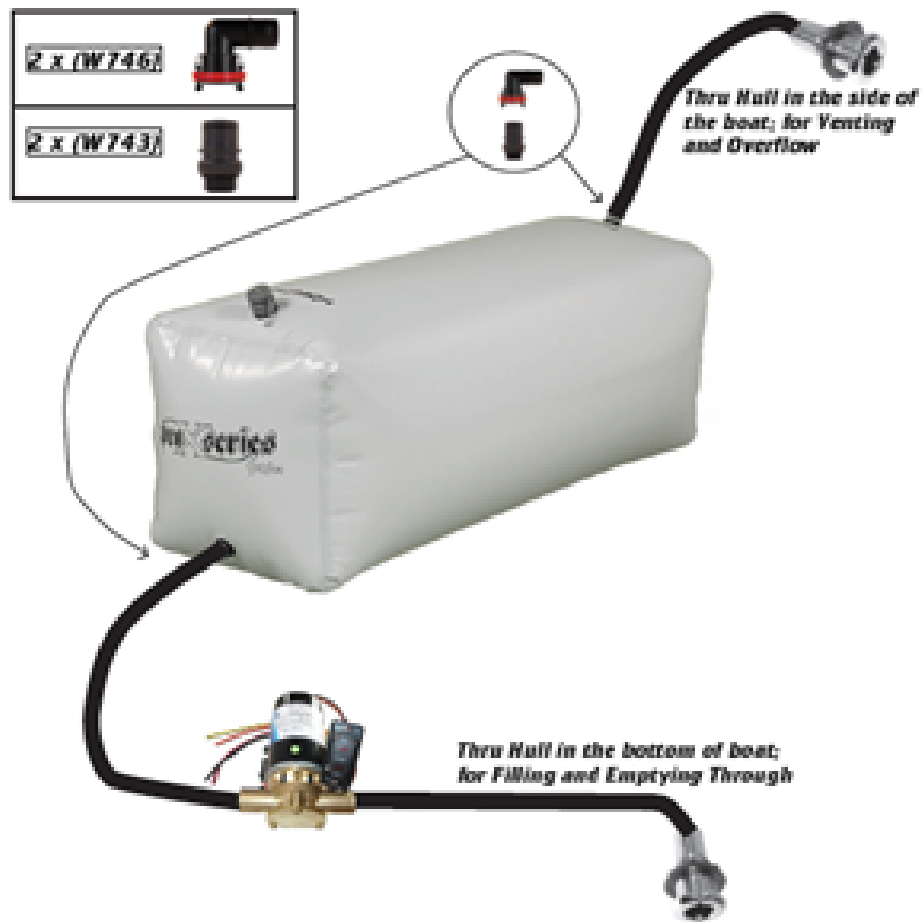
Step 3:

Plug the Tsunami Pump into the cigarette lighter accessory plug.

NOTE: To empty do the same thing except the end of the hose goes over the side of the boat first and the pump goes on the quick connect with cap and chain on top of the Pro X Series Fat Sac. Then... after you plug the Tsunami Pump into the cigarette lighter accessory plug, push the pump down into the Fat Sac to prime the pump.

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) 1 x (W610-P) Jabsco Metal Ballast Puppy Pump - high volume, self-priming, reversible pump with fill-empty switch.
- 2) about 25 feet (558031-hose) Black reinforced bilge hose. (Fits 1" and 1 1/8" Fittings)
- 3) 2 x (W743) 1 1/8" Quick Connect - Sac Valve Thread - screw these into Pro X Series Fat Sac with All-Purpose PVC Cement.
- 4) 2 x (W741) Flow-Rite 1 1/8" Straight Quick Connect Socket.
- 5) 2 x (W746) Flow-Rite 1 1/8" Elbow Quick Connect Socket.
- 6) 6 x (558031-clamp) 316 stainless steel worm drive hose clamp 5/16"-1 1/2" clamp diameter range.
- 7) 2 x 1" Thru Hulls One for the bottom of the boat to fill and empty through plus one for the vent/overflow.
- 8) Adequate length of electrical wire to wire up the Jabsco Metal Ballast Puppy Pump.

Directions:

Step 1:

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

Step 2:

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

Step 3:

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

NOTE: The vent overflow thru hull fitting needs to be higher than where the 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.