# ProLine™ by PONDMASTER®

**SAVE THESE INSTRUCTIONS**

## Instructions for 2" Valved Bypass Kit # 15015

(For 1½" Valved Bypass see reverse side)

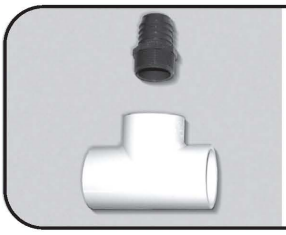
**For Use with Pressurized Filters 05010, 05015, 05020, 05025, 05040, 05045, and UV Clarifier 02940**

Recommended when pumps greater than 3000 GPH are used with Pondmaster Pressure Filters. Pondmaster Pressure Filters are designed to handle 4000 GPH maximum.

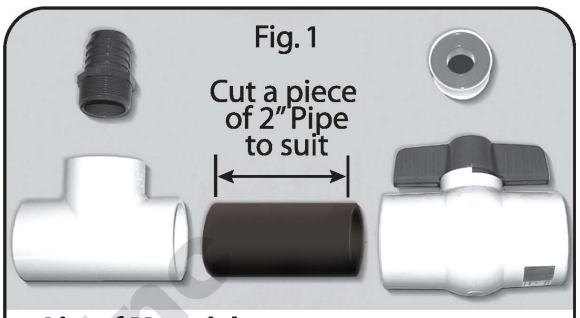
***Disconnect electric power to pond and power tools around work area before beginning installation.***

A Valved Bypass is recommended whenever the desired flow or pressure to a water feature exceeds optimal values for your Pressurized Biofilter or UV Light. To put it more simply, you might want a lot of water (3000 gallons per hour [gph] or more) flowing over your falls for maximum visual impact, but that might be much more than your Filter or UV light was designed to work best with. Both the Filter and UV Lights work better at slower flow rates (less than 3000 gph), allowing time to filter and clarify the water column for as long as possible. A Valved Bypass allows you to easily adjust the water flow through the Filter or UV, and diverts the rest back to the falls or fountainhead.

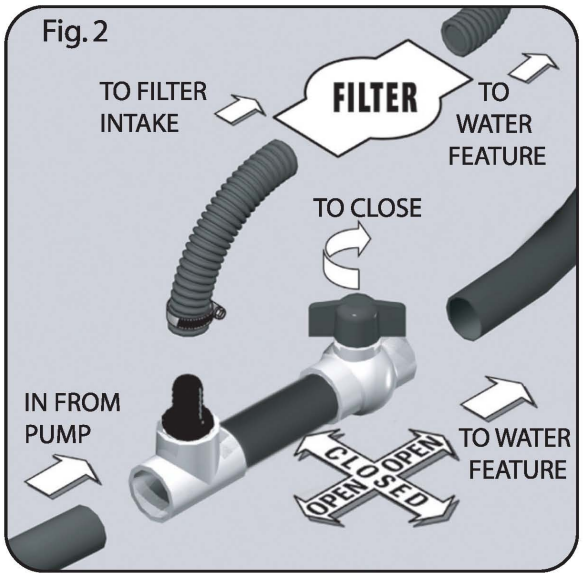
This example assumes the supply line is 2" diameter PVC.



Wrap Teflon tape at least 2 times clockwise around the threads of the Barb adapter and screw into Bushing.




**List of Materials:**
1 — 2" x 1½" FPT Reducing Tee
1 — 2" Socket Valve
1 — 1½" MPT x Barb Adapter
You will also need: Hose Clamps, Teflon Tape and Gorilla Self Priming PVC Cement or equivalent.




1) Cut the existing 2" return line to locate the Valve where it will be readily accessible, usually towards the end of the run nearest the water feature and close to your Filter or UV Light.
2) Cut a piece of the 2" line to connect the Tee to the Valve as shown in Fig. 1. Cement the Tee to the Valve (making certain not to cement the valve closed!).
3) Align and cement the assembly into the return line so that the valve is accessible for adjustment. See Fig. 2.
4) Attach the 1½" tubing that goes to the Filter or UV Light to the barb adapter with a hose clamp, making sure to connect to the inlet of the Filter, and connect the return of the Filter directly to your water feature.

**Leaving the valve fully open will allow most of the water to flow directly to the falls or fountain, while closing the valve will divert more water through the filter.**

Adjust the flow initially by closing the valve only enough that you just notice a difference in the flow to the falls or fountain. You can always re-adjust the flow to allow more water over the falls or more through the Filter to back wash more effectively. Experiment to see what works best for you.

**WARNING!**
PONDS ARE DANGEROUS TO SMALL CHILDREN! NEVER LEAVE CHILDREN UNSUPERVISED NEAR A POND.



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