



"How To" Series: Simplify Filtration Cleaning with the AquaFalls™ Drain

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In a well-balanced pond, meaning proper filtration, beneficial bacteria, plants, and proper fish load, maintenance will be at a minimum. This leaves more time for simply enjoying your pond and fish.

With that said, some pond maintenance and cleaning is required as well as the winterization and spring start up process. So, anytime there is a way to make that process quicker and easier, it's worth serious consideration.

What If We Could Eliminate These Issues?

- What if when cleaning the filter pads all the dirty water in the filter box could be drained off and not back into the pond?
- What if when winterizing the pond or opening it up in the spring there was an easy way to drain the filtration system quickly and easily?

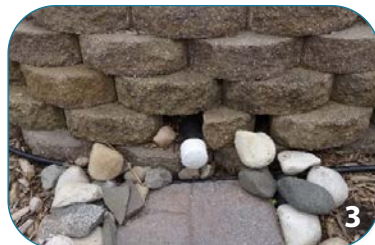
It may surprise you to know that if you already have an AquaFalls™ filtration tub you already have most of what it takes to implement a real time saver when it comes to cleaning you filtration system. It's called an Aquafalls drain set up.

The AquaFalls tub comes with a 2" spin-weld fitting on both the left and right sides. Usually, one is selected for the water inlet and the other one is capped. The magic begins when instead of capping the unused spin-well you used it to create a drain line.



How to Install an AquaFalls Tub Drain

(Provided you have a way to drain the water to a lower point than the bottom of the AquaFalls tub)



1. Using the spin-weld not being used as a water feed line, use a 2" male adaptor (MA20), 2 - 45 degree (ELL20), 1 - 2" Gate-Valve (GV20) and required length of 2" tubing.
2. Use an 8" PVC pipe to create a protective access well to the Gate Valve. Notch a 2" hole in the bottom for the drain tube.
3. Run the drain line off grade, cap the drain tubing to prevent rodent entry, and back fill. Add rocks and landscape plantings. The patio stone acts to prevent erosion when draining the Aquafall tub. Another option would be to have an extension tube to the desired discharge area.
4. Place an easy to move flat cap rock over the PVC access well. Finish the project with desired rocks and landscape planting.

Simplify Filtration Cleaning with the AquaFalls™ Drain

AquaFalls Seasonal Cleaning & Maintenance



Cleaning the Filter Pads - In-Season

- 1 Turn off the pump
- 2 Lay the bio-filter material off to the side
- 3 Remove and clean the filter pads
- 4 Remove the drain cap and open the gate valve
- 5 Drain and back flush muck and debris
- 6 Close the gate valve and replace the end cap
- 7 Replace cleaned filter pads
- 8 Turn pump back on
- 9 Add water conditioner and beneficial bacteria
- 10 Add water as needed back to level

Winterizing the AquaFalls Tub & Tubing

- 1 Have two 2" threaded plugs (PLUG2)
- 2 Turn off the pump
- 3 Remove and clean the filter pads
- 4 Remove the drain cap and open the gate valve
- 5 Remove the pump and open any ball valves
- 6 Let all water drain completely
- 7 Insert the 2" plugs inside the AquaFalls spin-welds
- 8 Leave gate valve open and replace the drain cap
- 9 Fill the AquaFalls tub and replace the filter pads

Spring Opening of AquaFalls Tub

(With Gate-Valve Drain, Reverse of Closing)

- 1 Remove the drain tubing endcap
- 2 Remove the drain plug inside the AquaFalls tub and let drain
- 3 Backflush the AquaFalls tub clean
- 4 Remove the drain plug to the water supply line
- 5 Clean the filter pads and replace bio-media
- 6 Close the drain gate valve and replace the cap rock
- 7 Replace the drain tubing endcap
- 8 Install the pump and reset the flow control ball valves
- 9 Turn on pump and double check all valves
- 10 Add beneficial bacteria and water conditioner

