

# FORMAL FALLS® MAINTENANCE TIPS



## WEEKLY MAINTENANCE

Add water to the basin as necessary. Low water levels are generally caused by evaporation and/or splash. The pump needs to be submerged at all times and not be allowed to run dry. Simply add water using your garden hose or install an Auto Fill Kit. If you find the water is running low frequently you may reduce the flow of the pump by adjusting the ball valve, add a splash apron around the perimeter of the basin so that you catch and retain more of the water in motion. Also, move any pebbles that are causing splash.

**Auto Fill Kit** - An add-on feature designed to work with our AquaBox® Basins and Pump Canyons®. They easily attach a fill valve to a ½” irrigation or ¾” garden hose connection, automatically filling a basin reservoir dropping below a set level.

## SEASONAL CLEANING

**Every spring and fall** drain the basin and replace with fresh water. Wet vac your basin if you notice excess debris that may clog your pump. If your basin area contains an anti-splash mat, remove any leaves and debris from it and rinse thoroughly.

## WINTERIZING FORMAL FALLS®

Our Formal Falls weirs, as well as our stainless steel and brass Water Wall spillways and spouts, can be left installed inside your wall. Lights are okay to be left outside but avoid having the controller and remote exposed to snow.

**Removing your pump and storing inside during the winter months is the most important step.** We recommend you disassemble and clean the pump before placing it in a bucket of water and storing in an area that will not freeze. This helps keep the seals wet and the impeller from sticking. When the pump is removed all water will drain from the plumbing.

**DO NOT drain the basin for the winter.** It is best to keep the basin about 50% filled with water to avoid heaving during freeze and thaw. Drain and refill in spring during your seasonal cleaning.

If desired, you may cover your falls basin area with a cover such as a tarp for added protection and reduced spring cleaning.

**NOTE:** Winter damage is not covered under warranty.

## ROUTINE WATER TREATMENTS

Water treatment use depends on product, time of season, and condition of the water feature. Use as directed. Safe for wildlife.



### ALGAE D-SOLV®

CrystalClear Algae D-Solv is a 5.4% active EPA registered liquid algaecide. This preventative treatment targets string algae, blanket weed and green water caused by single-celled algae. CrystalClear Algae D-Solv contains no copper and is safe for wildlife when used as directed.

**USE for preventative maintenance weekly at first, then bi-monthly to manage algae growth.**

### ALGAE OFF®

CrystalClear AlgaeOff is an EPA registered water-activated granular algaecide that works on contact. This spot treatment kills and removes active growing algae on your vase and surrounding rocks.

**USE as a spot treatment for visible algae growth on your water wall or stones.**



### MUCK BUSTER®

Beneficial bacteria with barley and enzymes help break down organic debris that leads to clogging and decreased flow of the pump. Use if sludge begins developing from the decaying algae. **DO NOT USE Muck Buster at the same time as an algaecide.** Accidental usage of both together won't hurt anything but your pocketbook, algaecides kill the beneficial bacteria in Muck Buster, lowering the effectiveness. Wait at least 4-5 days after algaecide treatment to apply Muck Buster.

**USE on bi-monthly on opposite week of your algaecide treatment.**

Keep in mind that every water feature is unique and experiences different site conditions and water quality changes. If you have additional questions on how to maintain your Formal Falls, please visit our website at [shopbluethumb.com](http://shopbluethumb.com)