



Eco-Series[®]

Installation Instructions for Waterfall Filters



Prelude

Max Flow 30 GPM



Sonata

Max Flow 50 GPM



Melody

Max Flow 70 GPM



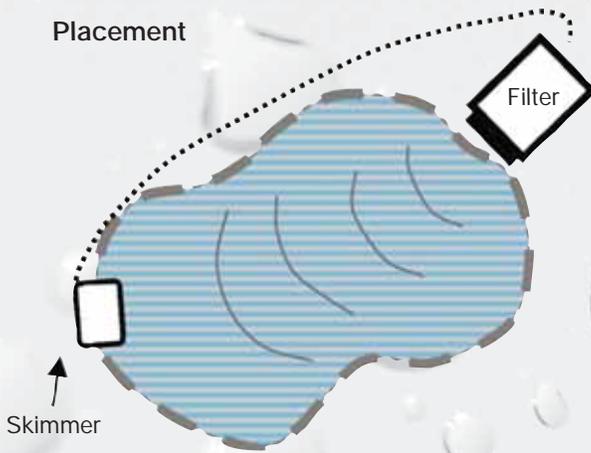
Symphony

Max Flow 150 GPM

Thank you for purchasing the Eco-Series Waterfall Filter. You are about to experience the Eco-Series difference in water feature products, components that are simply designed for the home owner. The simple designs of all Eco-Series products provide you with reliable, trouble free installation and maintenance for all your water feature designs.



Placement



STEP ONE - DESIGN AND LAYOUT

Position your filter falls where you want the waterfall or stream to originate. Be sure to have the pond shape outlined before excavating. Excavate the pond to the desired depth and shape - the recommended depth is between 24 and 36 inches. Set aside the soil to be used later while burying the pipe from the skimmer.

When excavating be sure the ground is level around the pond perimeter and ensure the filter falls box area is level as well. Compact the soil that will be under the filter to avoid settling later.

STEP TWO - INSTALLING THE PLUMBING AND THE FILTER FALLS



Thread the 2" male adapter into one of the ports on the filter using teflon tape or silicone on the threads.



Thread the 2" plug into the unused port using teflon tape or silicone on the threads.



Glue the PVC flex pipe into the male adapter and hold together until glue is set.

Set the filter box on the prepared surface. Be sure filter sits level side to side and tips forward 1/2" to 1".

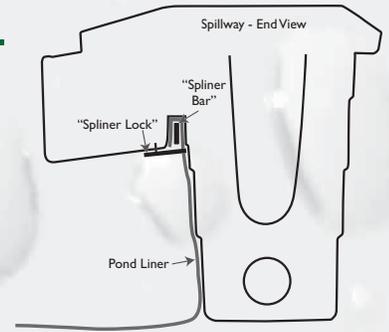


Insert the PVC support tubes into the "V" shaped notches in the bottom of the filter on the Prelude and Melody models, the Sonata and Symphony models have built in supports instead of the PVC pipe. Be sure filter does not move while backfilling with dirt around it.

STEP THREE - INSTALLING THE UNDERLAYMENT AND LINER



Run the protective underlayment in the pond and up the stream (if one is installed). The underlayment should overhang the stream bed and be up to the bottom of the filter box. Lay the liner in the pond over the underlayment. Work as many wrinkles out of the liner as possible. The liner should be run up the stream or to the filter box. Fold the liner over the Spliner Lock. Slide the Spliner Bar into the spline channel and secure with the Spliner Locks. Be sure to leave plenty of extra liner going to the filter box. The liner should not be tight. Trim the excess liner and underlayment later, after the installation is complete.



STEP FOUR - FINISHING UP



Lay the filter mats in the bottom of the filter box on top of the support tubes or support stands depending on model.

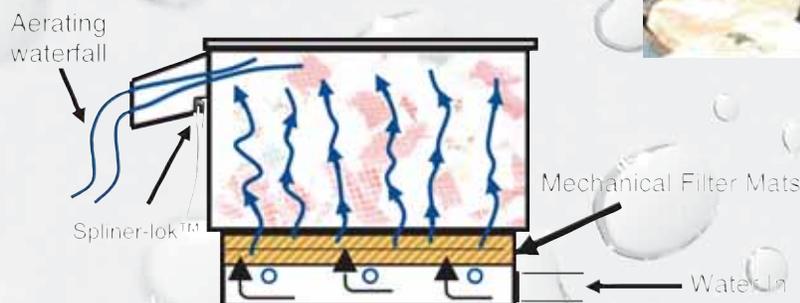
Place the supplied Bio-Max media bags on top of the filter pads, making sure they are snug into the corners. Cover the top of the filter box with a flagstone or filter cover.



Stack stones up the front of the falls filter to conceal the filter box and liner. Additional stone can be added on top, just below the lip, to extend the waterfall.



You may also want to put a piece of flagstone in the mouth of the falls to hide the weir and to make a more natural looking water feature.



CLEANING THE FILTER MATERIAL

Clean the Bio-Media by agitating it in the filter and draining off the dirty water. Be cautious of chlorinated water - it can kill beneficial bacteria microbes. Clean the filter mats by spraying them off with a garden hose. The mats are not intended to grow beneficial bacteria so the chlorinated water is not an issue while cleaning mats.



Cleaning Filter Material



"For maximum clarity and water quality use EasyPro all season bacteria on a regular basis! This bacteria is designed to work in Spring, Summer and Fall removing ammonia, nitrates, phosphates sludge and improving water clarity."

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