

S A V I O

FilterWeir™ 060

F060

Read entire instructions prior to installing unit



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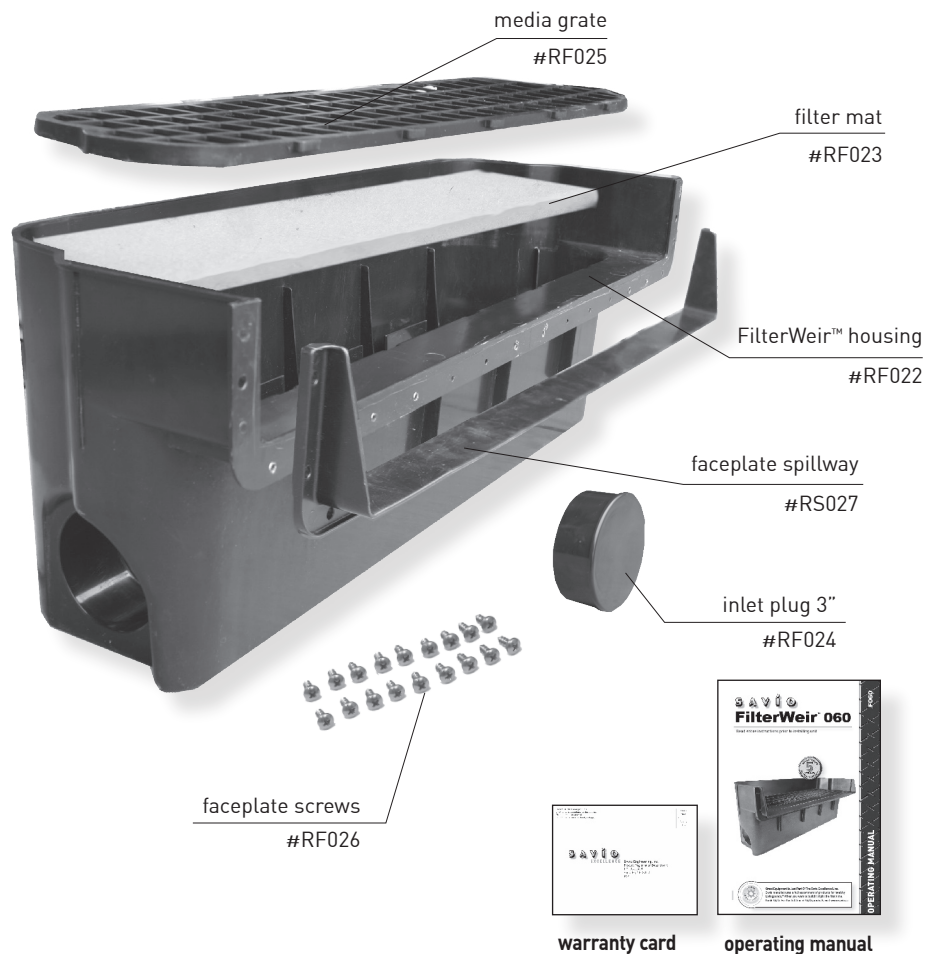
OPERATING MANUAL

Operating Capacities

The Savio FilterWeir™ 31 allows you to quickly add the tranquil sound and visual splendor of a cascading waterfall to any pond or water feature. This unit also provides supplemental filtration- to keep your pond cleaner & healthier. Install in concrete or liner ponds - no silicone glue is required. Recommended for pump flows up to 10,000gph.

COMPONENTS

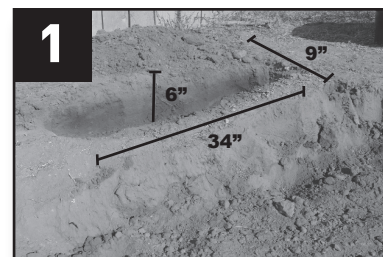
- FilterWeir™ 31 housing
- filter mat
- faceplate spillway 31"
- faceplate screws
- reducer bushing
- insert adapter
- plug
- hose clamp
- media grate



TOOLS

- phillips screwdriver
- rigid or flexible PVC tubing
- PVC glue
- shovel
- hand level

Assembly and Installation



At the top of the waterfall, prepare the area for installation by excavating a 9" by 34" hole 6" deep. Compact the soil in the bottom of the hole to prevent unwanted settling.



The FilterWeir™ 31 includes two 3" inlets (on either side of the housing). Select the unused side and apply glue to the ABS plug (provided).



Before glue dries firmly press plug into unused FilterWeir inlet.



Connect the other inlet to your pump or Skimmerfilter using rigid PVC or flexible hose.



Place FilterWeir™ into hole and level front to back and side to side. Tip the unit forward (toward the pond) slightly (about 1/4") to compensate for settling.



Pull the pond liner up and over the front of the FilterWeir™. Wipe the liner so that it is free of dirt and smooth wrinkles.

Assembly and Installation



Align faceplate spillway to front of housing. Press screws through liner. Tighten firmly **by hand**.



Use a sharp utility knife to cut liner from inside spillway.



Remove liner from spillway. Install media grate prior to backfilling.



Backfill around unit using pea gravel or soil that is free of clumps. Hand pack every 2-3 inches.



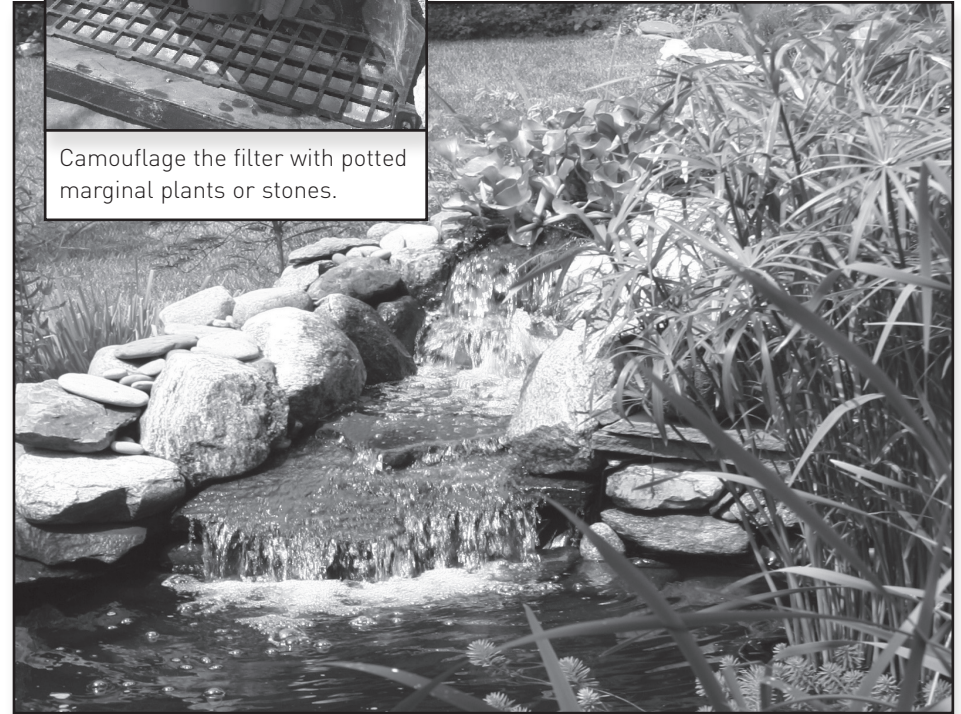
Remove grate and place filter media into FilterWeir™.



Replace media grate.



Camouflage the filter with potted marginal plants or stones.



FINISHED!

Continue landscaping to fully blend the FilterWeir™ into its surroundings.



Add Savio Natural Beneficial Bacteria to start your pond's ecosystem.

Maintenance

Under normal operating conditions your FilterWeir™ will provide years of trouble-free use. Only the filter media will require periodic maintenance:

Cleaning Instructions

Check and clean filter media when the media appears dirty or when the flow of water decreases.

- 1) Shake media to dislodge debris.
- 2) Rinse media in a bucket of pond water. **Avoid using tap water, chlorinated water, soaps or chemicals as this can kill the beneficial organisms living on the media.**

Beneficial Bacteria

Add SAVio Natural Beneficial Bacteria to the filter mat during startup, and after each cleaning throughout the season.

Winterization

Prepare for winterization in mid-to-late November, or when ice persistently develops on the pond. Keep equipment winterized until late February or early March when the water temperature rises to 40° F or higher consistently.

If the pond is to be shut down in Winter:

- 1) Disconnect UV Clarifiers and store indoors.
- 2) Disconnect submersible pump, clean and store in a dry place.
- 3) Drain any plumbing lines not buried below frost line (18"-24" in agricultural zones 4-6).
- 4) Use plumber's heat tape on pipes and shut off valves. Insulate the pump house and exterior pumps and valves.
- 5) Remove and thoroughly clean filter mat. Drain FilterWeir™.

Troubleshooting

Faults	Possible Causes	Remedies
FilterWeir chamber runs dry during operation.	Low water level in pond.	Add water to pond.
	Pump inactive.	Restart Pump.

Replacement Parts

Code	Item
RF022	FilterWeir 31 - Housing
RF023	FilterWeir 31 - Media Grate
RF024	FilterWeir 31 - 3" Inlet Plug
RF025	FilterWeir 31 - Replacement Filter Media Pad
RF026	FilterWeir 31 - Replacement Screw Pack
RS028	FilterWeir 31 - Faceplate Spillway 16"
RS027	FilterWeir 31 - Faceplate Spillway 31"

Customer Service Information



Savio Engineering, Inc.
Albuquerque, NM USA
<http://www.savio.cc>
email: support@savio.cc

Warranty (Send in the enclosed warranty card)

SAVIO Engineering, Inc. provides a manufacturer's limited warranty of 5 years from original purchase date. Warranty is non-transferable. Within the warranty period SAVIO will repair materials with manufacturing deficiencies at their discretion. This warranty does not cover any faults caused by improper use, installation and handling of the device or as a result of wear and tear. SAVIO Engineering, Inc. does not assume liability for consequential damage caused by the failure of the SAVIO FilterWeir.™ Warranty is void if the product is not used in accordance with instructions. For warranty claims, please contact your dealer.

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Uvinex™ system



Water Master Pumps™



Waterfall Well™



Springflo Bio Filter Media™



FilterWeirs™



Radiance™ Lighting



Black Foam



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