

FilterWeir® 31

Operating Manual & Specifications

Read the entire instructions prior to assembling and operating



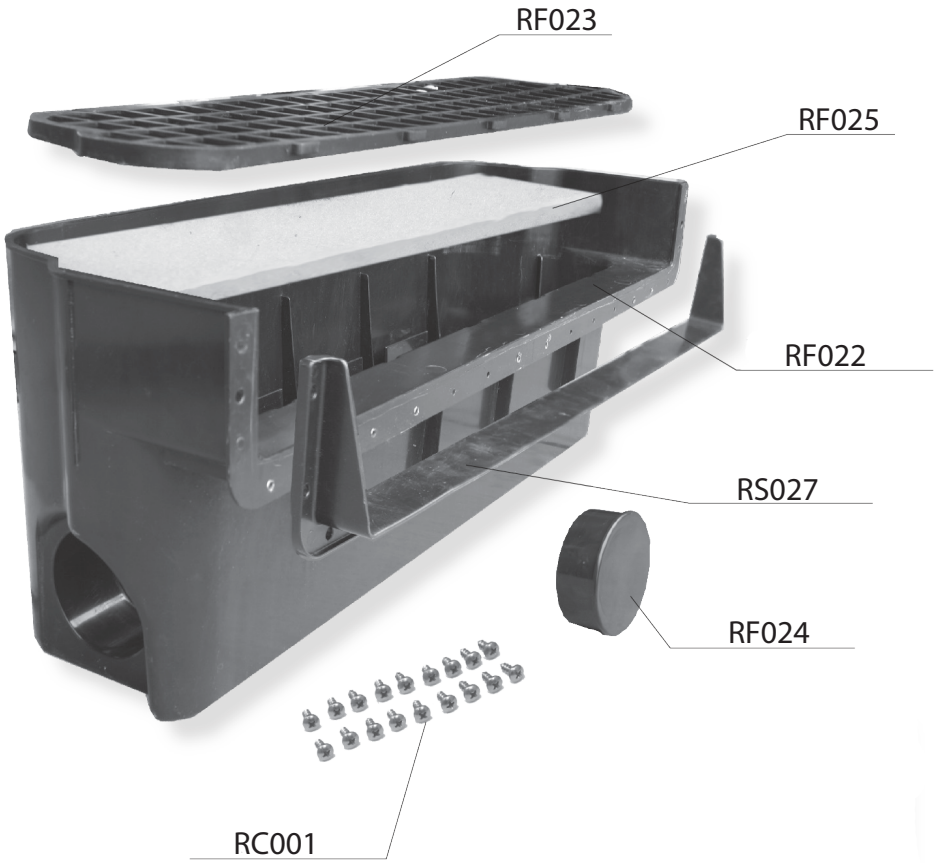
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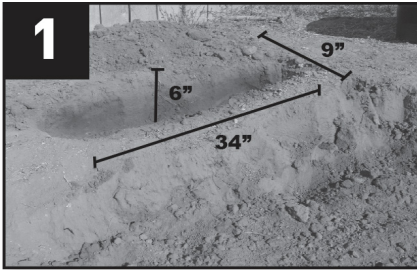
Replacement Parts

Item	Description
RC001	FilterWeir 31 - Replacement Screw Pack
RF022	FilterWeir 31 - Housing
RF023	FilterWeir 31 - Media Grate
RF024	FilterWeir 31 -3" Inlet Plug
RF025	FilterWeir 31 - Replacement Filter Media Pad
RF027	FilterWeir 31 - Faceplate Spillway 31"

Components Diagram



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.



Before glue dries firmly press plug into unused FilterWeir inlet.



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.



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

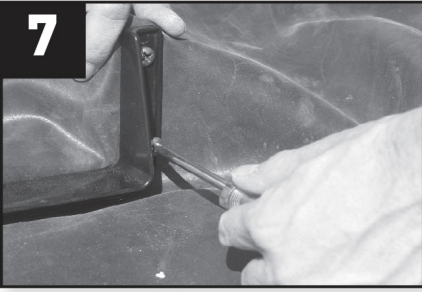


Connect the other inlet to your pump or Skimmerfilter using or flexible tubing.



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.

Installation



7
Align faceplate spillway to front of housing. Press screws through liner. Tighten firmly by hand.



8
Use a sharp utility knife to cut liner from inside spillway.



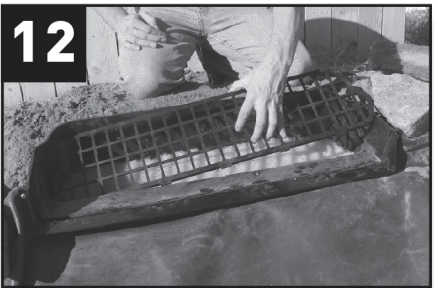
9
Remove liner from spillway. Install media grate prior to backfilling.



10
Backfill around unit using pea gravel or soil that is free of clumps. Hand pack every 2-3 inches.



11
Remove grate and place filter media into FilterWeir.



12
Replace media grate.

Did You Know?



13

Camouflage the filterweir with potted marginal plants or stones.

Marginal plants are those which grow around the margins of the pond where the water is shallow. They usually have their soil and crown underwater, and sometimes their lower foliage as well. They are generally placed on planting shelves within the pond or FilterWeir media grates.

Marginal plants add a beautiful finishing touch to your pond or water garden. **Give them a try!**



FINISHED!

Continue landscaping to fully blend the FilterWeir into its surroundings.

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

Troubleshooting

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

Warranty

Savio Engineering provides a manufacturer's limited warranty of 5 years from original purchase date. Warranty does not cover consumables or wear items. 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 does not assume liability for consequential damage caused by the failure of the product.

Warranty is void if the product is not used in accordance with instructions. For warranty claims, please contact your dealer or place of purchase.

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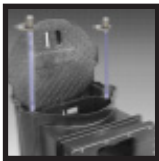
Skimmerfilter®



Livingponds® Waterfall Filter



Pond Package™



UVinex® System



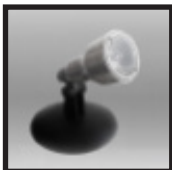
Water Master™ Pumps



Waterfall Well™



SpringFlo™



Ignite Landscape Lighting®



Rescue Water Treatment™



Black Foam™



Pond Free® Kits