

SAVIO

FilterWeir™ 16

Read entire instructions prior to assembly and operating.



06-SV-158



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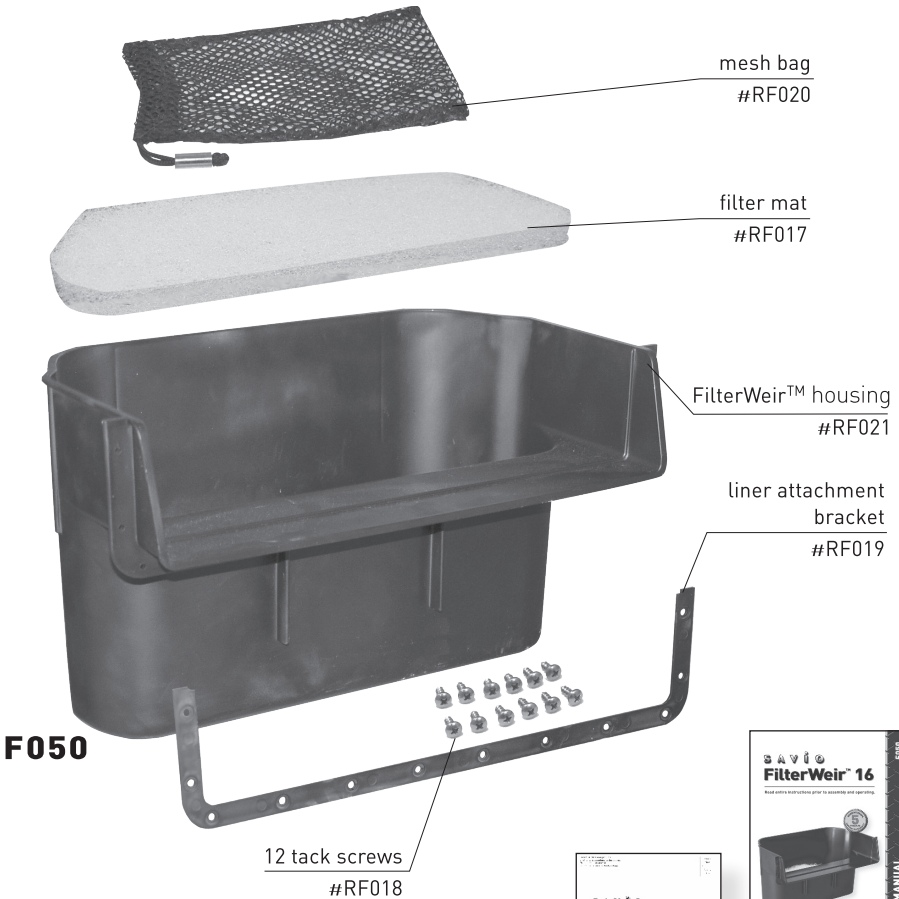
OPERATING MANUAL

Operating Capacities

The Savio FilterWeir™ allows you to quickly and easily add a dramatic waterfall to any pond. Recommended pump flow 900 gph - 3000 gph.

COMPONENTS

- waterfall weir
- filter mat
- mesh bag
- compression seal
- 12-tack screws



warranty card

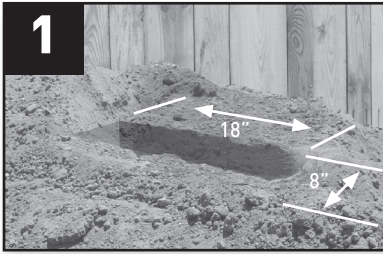


operating manual

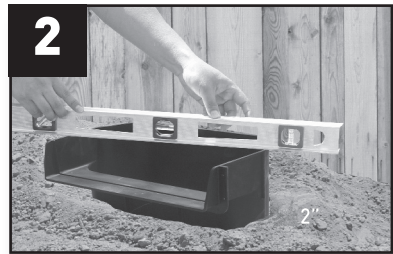
TOOLS

- #2 phillips screwdriver
- hand level
- rigid or flexible PVC tubing
- PVC glue

Assembly and Installation



1 Prepare a hole for placement of the waterfall unit 8" by 18". Dig the hole 6" deep. Compact the soil to prevent unwanted settling.



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



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



4 Use inner portion of the liner attachment bracket as a template and white chalk to draw the weir cutaway on the liner.



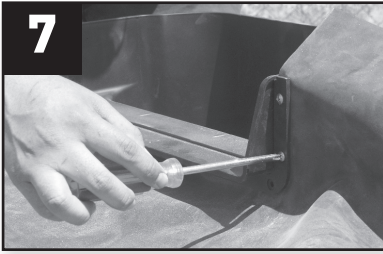
5 Cut liner to shape of template mark with scissors or a knife.



6 Attach liner bracket and liner to FilterWeir™ by installing 4 tack screws **halfway** into each corner. (Front of seal has recessed screw holes.)



Assembly and Installation



Add the remaining screws, then tighten alternately, **by hand** until all screw heads are flush with the bracket.



Connect the FilterWeir™ to your pump or water return using flexible PVC or rigid PVC and glue. If using Kink Free hose, first glue a reducing adapter to the 2" opening.



Place filter media pad into the FilterWeir™.



Fill the mesh bag with rocks for ballast. Use large gravel, lava rock or stones.



Place mesh bag on top of media.



Add Savio natural Beneficial Bacteria to the filter media during start-up.

Installation Options

Multiple FilterWeirs™ may be used together to create interesting water features. Below are some examples.

Larger Waterfalls

combine two or more waterfalls side by side for a larger waterfall



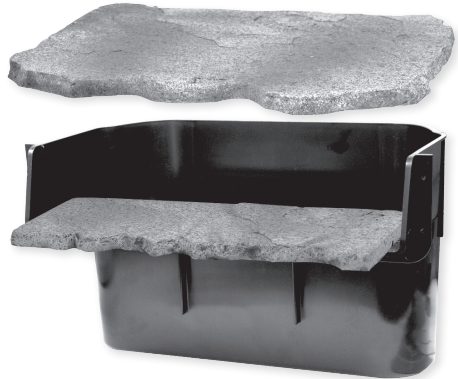
Waterfall Cascade

place several waterfalls to create a waterfall cascade

ACCESSORIES

FilterWeir™ 16 “Stone” Kit

Designed just for the Savio FilterWeir™. This accessory consists of two parts: The stone cover provides protection and camouflage for the top of the tank. The stone lip creates a pleasing, natural appearance for your waterfall. The realistic ‘stone’ is actually crafted from a durable acrylic and fiberglass material that is lightweight and UV fade resistant. Includes 4 oz self priming glue for easy installation. (part no K5003)



Available at most Savio Dealers.

Maintenance

Under normal operating conditions this 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. Pump inactive.	Add water to pond. Restart Pump.

Replacement Parts

Code	Item
RF021	FilterWeir™ Housing
RF019	FilterWeir™ Liner Attachment Bracket
RF020	FilterWeir™ Mesh Bag
RF017	FilterWeir™ Filter Media Pad
RF018	FilterWeir™ Tack Screws
Accessories	
K5003	FilterWeir™ Stone Cover Kit

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 dealership.

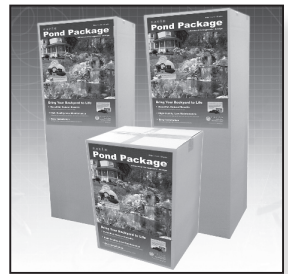
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Springflo Bio Filter Media™



Waterfall Well



Radiance™ Lighting



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Water Treatments