



# ClearSpring™ Mini

## Waterfall Filter

### IMPORTANT SAFETY INSTRUCTIONS

- ClearSpring™ Mini  
(Item #110572)

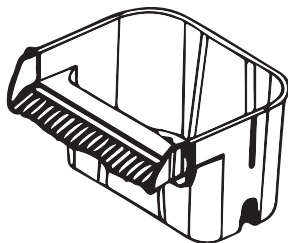


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we know ponds  
[www.thepondguy.com](http://www.thepondguy.com)  
866-POND-HELP (766.3435)

**5-YEAR WARRANTY**

## READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Inspect before use for any damage to the unit. Any damage or missing parts should be reported immediately before attempting use.
- Always unplug power from pumps or other electrical devices BEFORE putting hands in water, or if service and maintenance is being performed.
- Always use properly grounded electrical equipment and a drip loop on any power cords to prevent water from travelling along the cord and into the outlet.
- Do not lift or move the ClearSpring™ Mini using the plumbing.
- The ClearSpring™ Mini is intended for use with fresh water only. Do not use flammable materials.



**Failure to follow these instructions and warnings may lead to product damage or personal injury of which The Pond Guy® or any associated party will not be held liable.**

## SAVE THESE INSTRUCTIONS

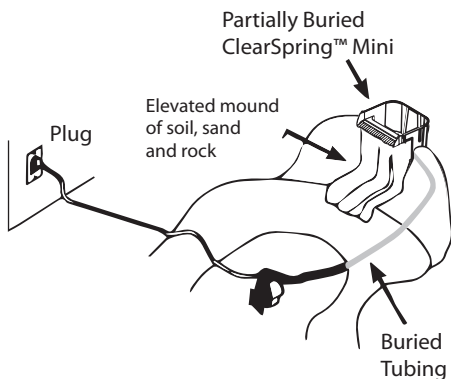
### POND HEALTH TIP BEFORE INSTALLATION

- For best results, functional ponds (ponds with plants & fish) should not be exposed to full sun and should have sufficient plant cover to promote a balanced environment.
- Overfeeding fish is the number one contributor to pond balance problems and should be avoided.
- If the pond is in an area close to falling leaves or debris, a cover net should be used.

## BEFORE YOU BEGIN

- When constructing a new pond, try to find an area in your yard that offers enough level space in a high ground area.
- Avoid low lying areas to protect against potential water runoff that causes flooding and/or unwanted residues, pesticides, fertilizers, herbicides or other hazardous elements that can adversely affect your pond's ecosystem.
- Place your pond in a location that is easily viewable for the most common areas of your yard, deck, patio, or from within your home.

Fig. 1



## ASSEMBLY INSTRUCTIONS

Determine which side of the ClearSpring™ Mini will be used for water input. The ClearSpring™ Mini has factory sealed inlets on both sides. Remove the knockout on the desired side to activate the inlet. (see below)

### PREPARING THE CONNECTION

- Apply thread seal tape to the threads on the barbed hose fitting. If using 1 ½" tubing, gently saw off the 1" barbs to allow maximum flow.
- Knockout the desired inlet seal using a hammer and large flat screwdriver or hole saw. Clean out any remaining debris to ensure a smooth and complete opening. Be sure not to damage threads.
- Securely thread the barbed hose fitting into the newly opened inlet.
- Slide the stainless hose clamp over one end of your kink-free tubing. Push tubing onto the barbed hose fitting and tighten hose clamp to form a tight seal.

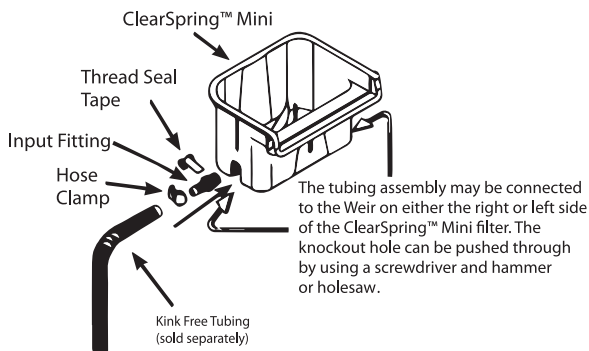


Fig. 2

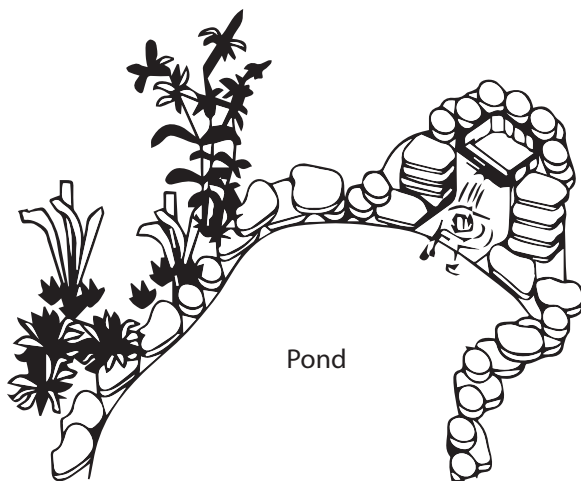
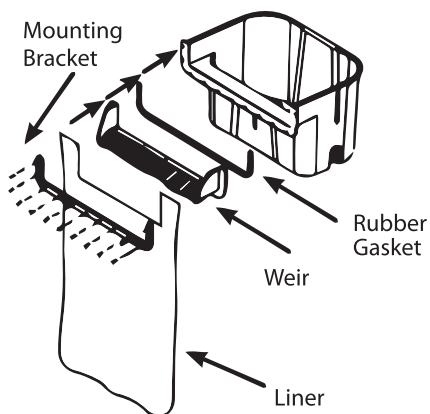
Fig. 3

## ATTACHING THE WEIR

Your ClearSpring™ Mini comes with two Weir options. Your choice of Weir type is completely cosmetic and will not effect the units performance.

- Choose your desired weir. Ensure the gasket is firmly installed and that the screw holes line up.
- Install gasket, weir, liner & bracket in order shown in Figure 3.

**TIP: Using fish safe 100% silicone is always a good way of providing a waterproof seal between joints.**



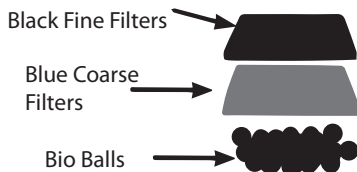
# INSTALLATION INSTRUCTIONS

**The ClearSpring™ Mini Waterfall Filter is designed to handle pumps up to 1,800 GPH & can filter ponds up to 1,000 gallons.**

- Using soil, build an elevated area to partially bury the ClearSpring™ Mini.
- Place the ClearSpring™ Mini on top of the elevated area. Attach liner and weir to ClearSpring™ Mini. See ATTACHING THE WEIR section for reference.
- Backfill the ClearSpring™ Mini with soil until firmly held in place. The ClearSpring™ Mini should slightly tilt forward and be level from side to side to promote proper flow towards the weir.
- Secure the elevated area with soil, rocks, bricks or other reinforcements.
- Attach your pump to the open end of your plumbing. One end should already be connected to the ClearSpring™ Mini (See the PREPARING THE CONNECTION section for reference).
- Position and bury the tubing.
- Fill pond with water
- Plug in your pump and inspect water flow. Check for leaks and adjust if necessary.
- Finish your surrounding landscape with rocks, plants, mulch or other desired landscaping material. For a natural look, use a Pond Logic® TrueRock™ (#510329) flat cover to disguise the open top. Call or visit [thepondguy.com](http://thepondguy.com) for information on TrueRock™.
- Unplug your pump and install filter media (See ADDING FILTRATION COMPONENTS below for reference).
- Restore power to your pump and enjoy your pond and waterfall.

## ADDING FILTRATION COMPONENTS

The ClearSpring™ Mini utilizes bio balls and 2 filter pads to filter debris from your water. Always install the filter media as shown in Figure 4.



**Fig. 4**

## **FILTER CLEANING AND MAINTENANCE**

- As your filter media begins to fill with debris, water flow and filtration performance will begin to decline. Cleaning intervals will depend on the pond environment.
- Remove and rinse clogged filter media outside of your pond. To preserve water filtering bacteria, try using water from your pond to remove loose debris.
- Filter pads that are too saturated with debris, or show noticeable signs of damage should be replaced.
- Bio ball media will not wear out and can be rinsed and reused indefinitely. A brush can be used to remove stubborn debris.
- Do NOT use chemicals or household cleaning agents to clean filter media.

## **REPLACEMENT PARTS**

**REPLACEMENT FILTER PAD SET - #110573**

## **WARRANTY**

The Pond Guy® will repair or replace the ClearSpring™ Mini Waterfall filter that is found to be defective within 5 years of the original purchase date. This limited warranty is extended exclusively to the original purchaser beginning from the date of original receipt. Filter Media Pads are considered to be wear items and are not covered by this warranty. Abuse or misuse of this product voids all warranty. In case of warranty claims, please call our Customer Care Department at 866-766-3435 to request a Return Merchandise Authorization Number (RMA #).

## NOTES:

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