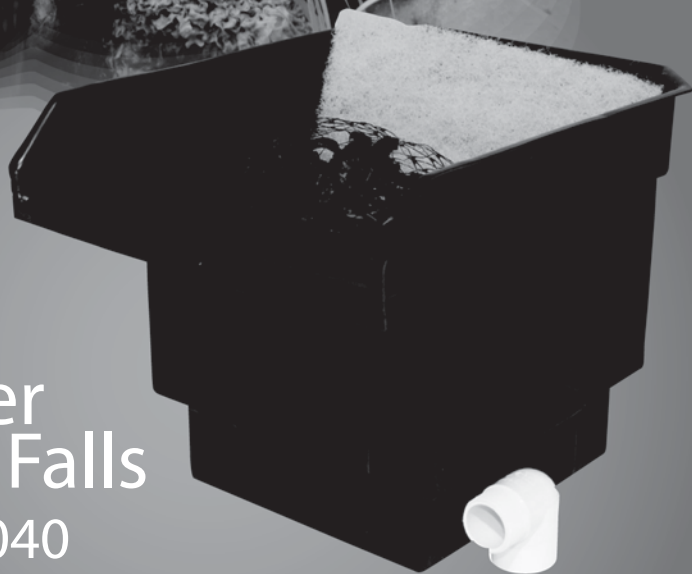




# PONDMASTER®

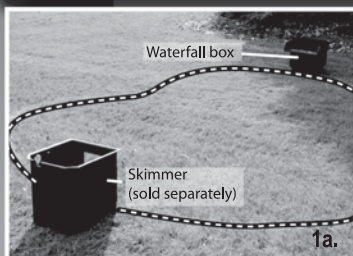
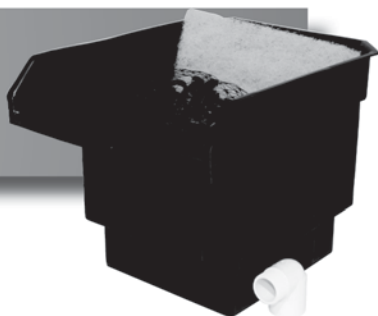
14" Filter  
and Falls  
ITEM# 38040



## CONSTRUCTION PRECAUTIONS

Always contact your local utility companies for a markout before you dig and possibly expose and rupture an underground gas, plumbing or electrical conduit. Smart digging means calling 811 before each job. Whether you are a homeowner or a professional excavator, one call to 811 gets your underground utility lines marked - - at no charge. Also, check property survey for possible buried hazards.

# Pondmaster FILTER and FALLS INSTALL



## STEP 1

### Choose Waterfall Location

- The waterfall should be positioned so that the water flowing from it enters the pond opposite the skimmer to ensure proper water circulation. The waterfall is best positioned so that you can view it from the outdoor and indoor areas where you plan to enjoy your new water feature.
- You can position the waterfall right at the ponds edge or at the top of a stream.



## STEP 2

### Assemble Waterfall Plumbing

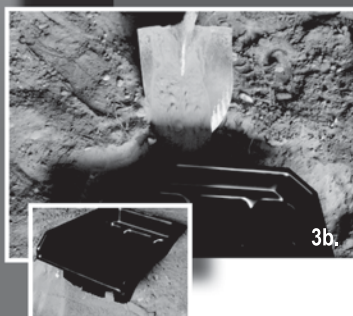
- Your Pondmaster 14" Filter and Falls Box has one spinweld fitting, located on the back side near the bottom of the box. Thread the PVC 90 adapter (included) into that spinweld (use Teflon Tape (not included) on the threads first).



## STEP 3

### Position Waterfall Box

- Compact the area where the waterfall box will sit to prevent future settling. The waterfall box should sit level from side to side and should be tilted forward slightly (about  $\frac{1}{4}$  bubble on your level) to ensure that the water flows forward through the spillway.
- Using soil, backfill around both sides and the back of the waterfall box.



## STEP 4

### Hook-Up Flexible PVC Pipe

- a. The Filter and Falls are plumbed to accept 1.5" Flexible PVC Pipe. We recommend using Flexible PVC pipe as it is very flexible and easy to work with.
- b. Using PVC Primer & Cement, glue the flex pipe into the PVC male adapter.
- c. If you are using Vinyl or Kink-Free Tubing first glue the barbed fitting into the PVC 90 adapter using PVC Primer & Cement. Then attach the tubing to the barbed end and secure with a hose clamp.



## STEP 5

### Attach Liner to Waterfall

- a. Bring the liner up to the face of the waterfall box and check the positioning of the liner against the waterfall box. The liner should follow the contours of the pond edge or stream and the face of the waterfall box. It is a good idea to leave a little slack in the liner where it transitions from the pond edge or stream to the face of the waterfall box. This will ensure that the weight of the rocks used in the waterfalls will not pull down on the liner.
- b. Using boulders and rockwork, begin building the waterfall up the face of the box. Be sure to keep the liner pinched into position against the waterfall with the rockwork. The Filter and Falls has several drip points that will not allow any water to leak between the liner and the waterfall box when installed properly.
- c. Another option is to bring the liner up behind the waterfall box so that the entire box is sitting inside the liner.





## STEP 6

### Install Filter Media

- a. Position the filter mat horizontally in the bottom of the waterfall box. The Pondmaster Filter and Fall includes one white mat.
- b. To add biological filter treatment to your Filter and Falls, fill the Biological Media Bag with Bio-Matrix media (Sold separately) and place it on top of the white filter mat.



### Suggestion

- a. Use landscaping foam to fill in the gaps of the rockwork leading into the waterfall box. The foam will force the water on top of the rockwork rather than around and behind it where it can't be seen. This will give you a much more dramatic waterfall display!

**SAVE THESE  
INSTRUCTIONS**

**WARNING!** PONDS ARE DANGEROUS TO SMALL CHILDREN!  
NEVER LEAVE CHILDREN UNSUPERVISED NEAR A POND.