Home Gardener School

Pond-less Water Features in the Landscape

Presented by
Robert W. Bellek
Owner
Things to consider when choosing a Water Feature

- Location/Environment
- Different types of Water Features
- Work/Time involved
- Equipment involved
- Cost
- Maintenance
Location/Environment

- Focal Point
- Maximum Viewing
- Accessibility
The basic steps in building your pond-less water feature starts with marking out the area selected. Pond-less water feature reservoir is then excavated to the proper length, width and depth of approx. 24” deep by 3’ W. x 3’ L. for small to med. size feature and for large approx. 36” by 4’ W. x 4’ L. Heavy duty under liner is installed and covered with a 45Mil. Rubber liner. The pump vault is installed into the reservoir, pump is installed into pump reservoir. PVC pipe is then connected to pump and then routed outside of basin area. Basin is now filled with a medium to large size river gravel and can be topped with any optional gravel. The pipe routes and is connected to desired water feature.
Different Types of Water Features

Things to consider:

- Amount of space available
- Do you want sound, visual or both?
- How much maintenance is involved
- Can you do it yourself or should you have it built?
LilyPad Ponds Inc.
Pond-less Flower Pot Water Feature
Pond-less Old Fashioned Well Pump
Work/Time Involved

Pond-less Basin:

- Proper leveling of soil
- Excavating (by hand or machine)
- Moving and placing rock
- Knowledge of plumbing
- Proper liner installation
- The size of the water feature will determine the size of the basin. Depending on the size of your work force. An personal ability will determine the installation time.
## Tools and Equipment Needed:

### Tools:
- Marking spray paint
- Leveling Source
- Shovels
- Picks
- Bars
- Rakes
- Tamper
- Wheelbarrow
- Hand tools

### Equipment:
- Protective Under liner
- Rubber Liner
- Pump Vault
- Pump
- PVC Pipe or Hose
- Adhesive (Silicon or Foam)
- Gravel and/or Rock
- Water Feature Décor
Cost

Small Project Approx Cost:
• $210 plus cost of water feature décor

Medium Project Approx Cost:
• $350 plus cost of water feature décor

Large Project Approx Cost:
• $780 plus cost of water feature décor

*These prices do not include a custom built waterfall which entails extra components that vary due to products needed and size.
Maintenance

- Water treatment (Peroxide, Bleach, Chlorine, Enzymes)
- Remove unnecessary debris on surface of gravel
- Winter Storage...Drain water feature/cover
- Spring Open (Uncover water feature, drain basin, install new water and add necessary chemicals)
Plants

- Marginal or bog plants can be added to anyone of these pond-less water feature basins
- Try to chose species that are minimally invasive
- With plants come maintenance, over growth needs pruning and roots may over grow gravel area and may cause blockage or clogging. Every few years they may need to be thinned out.
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Robert W. Bellek
Owner

Ph. (908) 822-9100
Fax (908) 822-9126

www.LilyPadPonds.com