



# ECO-Series®

## Installation Instructions for Universal Waterfall Diffusers

**UWD16**  
16-66 gpm  
16"w x 3½"t x 14" deep



**UWD23**  
25-100 gpm  
23"w x 3½"t x 14" deep



**UWD32**  
32-132 gpm  
(over 100 gpm should be plumbed from both ends)  
32"w x 3½"t x 14" deep

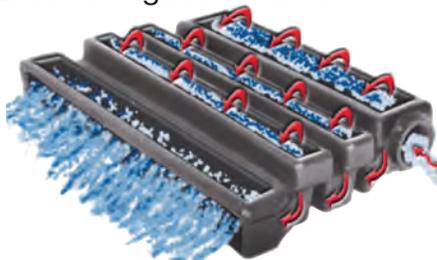


**UWD46**  
50-200 gpm  
(over 100 gpm should be plumbed from both ends)  
46"w x 3½"t x 14" deep

Thank you for purchasing the Eco-Series Universal Waterfall Diffuser. You are about to experience the Eco-Series difference in water feature products. The simple design of all Eco-Series products provide you with reliable, trouble free installation and maintenance for all your water feature designs. This Universal Waterfall Diffuser is a fast and easy way to create professional looking waterfalls.

### HOW IT WORKS...

Water enters the diffuser and is depressurized. Water then flows over and under the vertical dividers resulting in an even flow of water at the source point. These diffuser units are designed for flows up to 6000 gph from a single end. By using both ends as inlets the UWD32 and UWD46 units can handle higher flows.



## STEP ONE

Insert the 2" male adapter into the desired port and tighten. Ideally silicone or Teflon tape is used on threads for water tight seal.



## STEP TWO

Insert the threaded 2" plug into the unused port and tighten. When using dual diffusers both ends may need to have a male adapter for higher flow rates.



## STEP THREE

Make sure liner goes behind all the stones and up and over the top of the waterfall diffuser.

## STEP FOUR

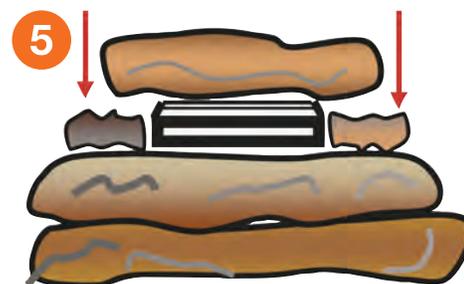
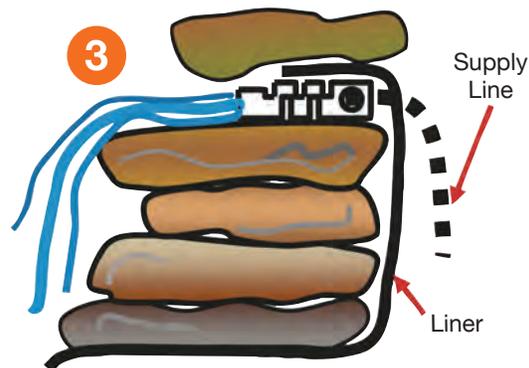
Prime and glue the 2" flex pipe or PVC pipe into the 2" male adapter. Hold for two minutes to ensure a good bond.

## STEP FIVE

Make sure the water diffuser is level. Use stone to level off with the diffuser and help support the load.

### NOTE!

Do not connect more than three diffusers together. If using more than three, supply water using multiple feed lines. If connecting more than one diffuser use 2" pipe between the diffusers with additional 2" male adapters. Length of pipe between diffusers is determined by desired distance between water outlet points.



Typical  
UWD16 &  
UWD23  
installation  
(step 3)



Typical  
UWD32 &  
UWD46  
installation  
(step 3)

**Copper attachments available for 16" and 23" spillways, sold separately, wide or narrow**



UWD16C or  
UWD23C  
Wide Opening



UWD16CN or  
UWD23CN  
Narrow Opening



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