

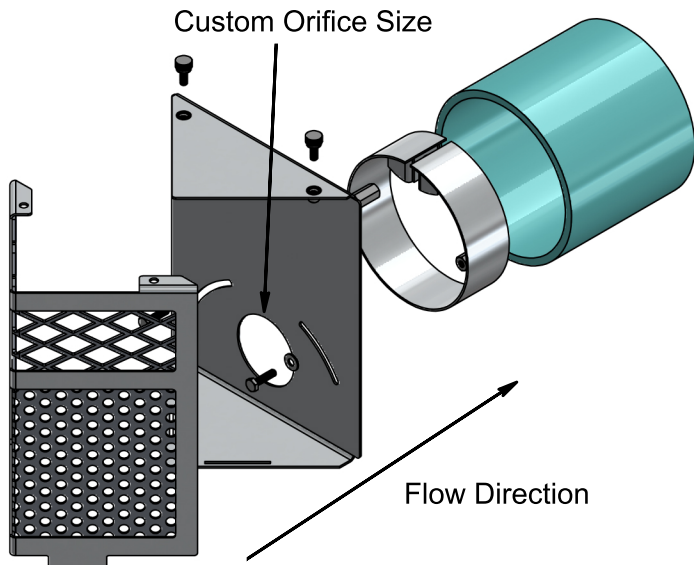


Evolved Stormwater Solutions

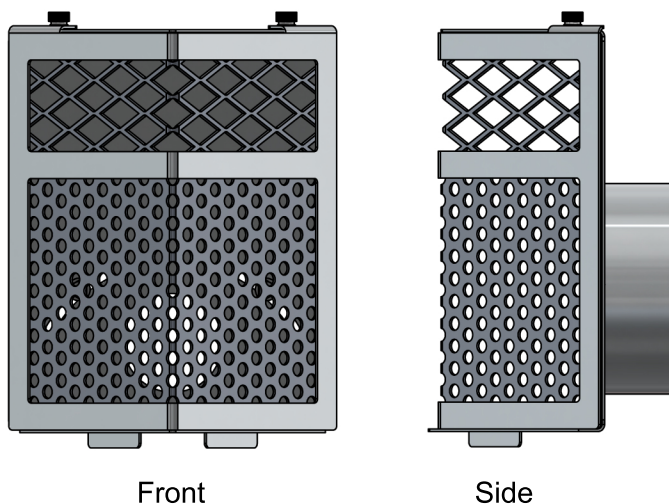
EXPANDING STORMRING FLOW CONTROL

PIPE MOUNTED SCREENING DEVICE TO CONTROL FLOW WITH A SMALL DIAMETER ORIFICE

The Expanding StormRing Flow Control is specifically designed to filter debris while simultaneously limiting maximum flow into the existing outlet pipe. This is completed by using a perforated screen to filter debris and a flow control orifice on the back plate of the device which constricts water flow. The diameter of the flow control orifice is thus determined by the flow rate required for the project.



The expanding ring goes into the outlet pipe opening, and allows you to torque a bolt until the ring is tightly secured onto the pipe. Then the back plate can be installed onto the expanding ring and the front cover be placed on and secured with two thumb screws. The expanding ring requires no power tools or drilling of existing structures, making maintenance easy.



SPECIFICATIONS:

- Available in 6", 8", 12", 15" and 18" configurations
- Material:
 - a) Body: 304 Stainless Steel
 - b) Hardware: 18-8 Stainless Steel
- Performance Characteristics:
 - a) Filtered Flow Rate: Filtered flow rate varies based on unit size and orifice size.
 - b) Built in overflow with larger screen openings

INSTALLATION:

- 1) Carefully place expanding ring into the pipe opening and align standoffs level to the ground. Torque the bolt at the top until the ring is secured to the inner walls of the pipe opening.
- 2) Align the back plate with the standoffs, and secure the plate onto the ring using the provided hex bolts and washers.
- 3) The front cover can then be placed by sliding the tabs at the bottom of the cover into slots on the back plate. The provided thumb screws can then be used to secure the front cover of the back plate.