

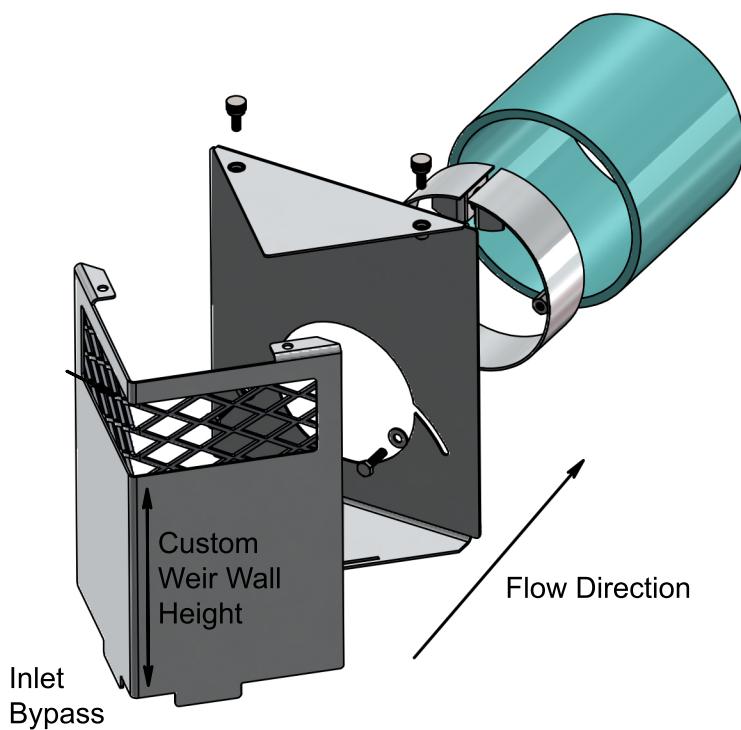


**Evolved Stormwater Solutions**

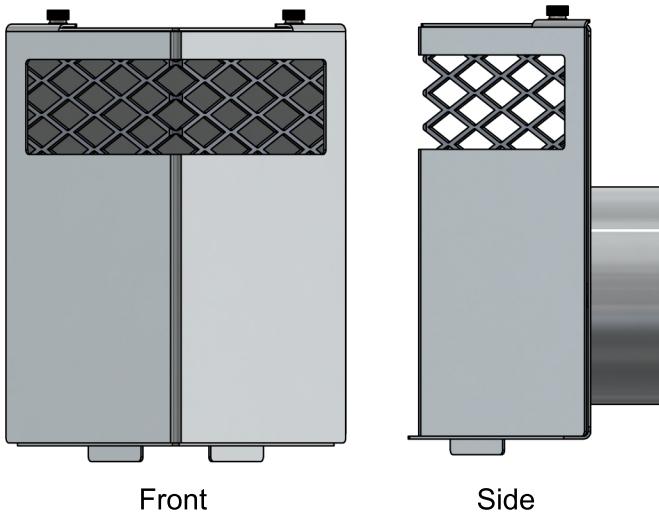
# EXPANDING STORMRING MICRO DIVERSION WEIR

## PIPE MOUNTED OVERFLOW PLATE TO DIVERT WATER BYPASS FLOW

The Micro Diversion Weir is typically used in applications where it is preferred that stormwater flow is processed through other means outside of the outlet pipe upon which the CPS is installed. This is achieved by restricting stormwater flow into the existing outlet, allowing standing water to develop until it reaches the bypass height. The bypass height above the center line of the outlet pipe is thus determined by the needs of an individual 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: Flow rate over the weir should be equal to or greater than the flow rate through the outlet pipe.
  - 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.