



EXPANDING STORMRING CONNECTOR PIPE SCREEN

PIPE MOUNTED FULL CAPTURE DEVICE FOR TRASH AND DEBRIS

A Connector Pipe Screen (CPS) is a catch basin insert trash capture filter device. Unlike other catch basin inserts that are typically installed closer to the inlet (under the drain grate or below the curb opening), CPS inserts are installed in front of the catch basin's outlet pipe – trapping trash and debris inside the catch basin while allowing filtered stormwater to exit into the storm drain infrastructure.



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:

- Body: 304 Stainless Steel or Aluminum
- Hardware: 18-8 Stainless Steel
- Slotted Filter Screen: 5mm gaps, 51% Open Area

Performance Characteristics:

- Filtered Flow Rate: Filtered flow rate varies based on size and screen opening size.
- 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.

