FLEXSTORM CONNECTOR PIPE SCREEN (CPS)

The FLEXSTORM Connector Pipe Screen (CPS) is the perfect tool to help you meet your Total Maximum Daily Load. Whether for a retrofit or new construction, there is a FlexStorm CPS that will fit your catch basin.

FEATURES & BENEFITS:
• Quick and easy installation; ships sized to catch basin so no assembly is required
• Constructed from 14GA perforated stainless steel, reinforced with 12GA U-channels around entire perimeter
• Rolled panels provide increased strength compared to flat screens
• Trash accumulates in catch basin instead of downstream
• Keeps all particles larger than 0.197” (5 mm) inside catch basin
• 50% open area for high flow; designed to match basin hydraulics
• Good for retrofits, new applications or city-wide installs
• Comes in multiple shapes, depending on the catch basin
• Made in the U.S.A.

APPROVALS:
• Los Angeles County Department of Public Works
• Full Capture Device as certified by California Regional Water Quality Control Board (CRWQCB)
• Alameda County Vector Control Board

**ADS Service:** ADS representatives are committed to providing you with the answers to all your questions, including specifications, and installation and more.
FLEXSTORM CONNECTOR PIPE SCREEN (CPS) SPECIFICATION

PRODUCT SELECTION
In general, a Connector Pipe Screen (CPS) must be sized appropriately to pass a one-year rain event through the perforated screen material and pass a 10-year rain event through the bypass area if a deflector lid is required. The shape of the screen depends on location of the outlet pipe. ADS FlexStorm will assist in the selection of the appropriate CPS design given the following information:

1. Catch basin length and depth
2. Location of the outlet pipe
3. A completed CPS dimensional form found at www.inletfilters.com

MATERIALS
Each FLEXSTORM CPS is comprised entirely of 304 stainless steel and brought to the field pre-configured for easy installation once product selection is confirmed. All models are supplied with vertical upright mounting brackets which accept four (4) ¼” x 3” (9 x 76 mm) stainless anchor bolts. All bypass lids require two (2) ¼” x 3” (9 x 76 mm) stainless anchor bolts. Mounting brackets are equipped with slotted holes to allow for varied contours on walls and sloped floors.

INSTALLATION
1. Lower the CPS though the manhole opening
2. Position the CPS evenly spaced around the connector pipe ensuring a minimum of 4” (100 mm) spacing away from any corners
3. Loosen the bolts in the slotted holes which connect the screen to the upright mounting brackets until the bottom is flush with the floor
4. Tighten the bolts and mark the hole locations on the wall for the stainless anchor bolts
5. Drill holes, hammer the bolts in place and secure the connector pipe screen using provided stainless nuts
6. If the bottom of the base exposes more than a 0.197” (5 mm) gap then an additional base face strip may be fastened to the base channel using stainless tek screws or rivets

MAINTENANCE
FLEXSTORM suggests the CPS be maintained per this modified set of conditions from the LA County CPS Standards. FLEXSTORM advises that catch basins be cleaned out at least two (2) times per year and/or if debris has filled above a 40% level inside of the catch basin. Sites with large amounts of foliage, high sediment loads, or smaller CPS devices might need to be cleaned more frequently.

Maintenance Conditions and Maintenance Standards: The following are deficiencies in maintenance conditions and their corresponding maintenance standards which shall apply to the CPS. The cleanout of each catch basin shall meet the maintenance standards listed as follows:

1. Clear trash and debris located immediately in front of curb opening or side opening of catch basin, and on top or between metal grates of grated catch basin
2. Remove vegetation growing across and/or blocking the basin opening
3. Remove all trash, debris and vegetation from inside the catch basin
4. Remove trash and debris in the connector pipe opening, upstream or downstream
5. Knock off/remove all debris that covers the perforated openings of the connector pipe screen
6. Ensure there is no standing water inside of catch basin (indicates the device is not properly draining)

For more information on FLEXSTORM Inlet Filters and other ADS products, please contact our Customer Service Representatives at 1-800-821-6710
Try the ADS FLEXSTORM Online Product Configurator at www.inletfilters.com.