



Connector Pipe Screen Specifications



1. WEIGHT: 35-LBS
2. MATERIAL:
 - a. PERFORATED PLATE: 14-GA STAINLESS STEEL, 5mm HOLES STAGGERED CONFIGURATION, 50% OPEN AREA
 - b. FRAME ASSEMBLY (WELDED): 300 SERIES STAINLESS STEEL
 - c. HINGES: 300 SERIES STAINLESS STEEL PIANO HINGE, WELDED TO FRAME AND PLATE
 - d. HARDWARE:
 - i. COVER SUPPORT: 3/8-16 THREADED ROD W/ BRASS WING NUTS AND HDPE SPACERS
 - ii. CONCRETE STRIKE ANCHORS: ZINC PLATED CRS
3. PERFORMANCE CHARACTERISTICS:
 - a. FLOW RATE (PERFORATED PLATES): 5520 GPM (12.3 CFS)
 - b. BYPASS FLOW RATE: 1800 GPM (4.0 CFS)
 - c. PARTICLE SIZE RETENTION: >0.197-IN (>5-mm)
4. INSTALLATION:
 - a. LOCATE AND MOUNT THE CPS BASE SCREEN TO THE CATCHBASIN WALL AND FLOOR JUST IN FRONT OF THE EFFLUENT PIPE USING THE CONCRETE STRIKE ANCHORS PROVIDED. THE THREE (3) PIANO HINGES ON THE CPS SPINE ALLOW GREATER FLEXIBILITY FOR IRREGULAR CATCH BASIN SURFACES.
 - b. ATTACH THE COVER MOUNTING BRACKET ABOVE THE BASE SCREEN AS SHOWN.
 - c. THEN, USING THE SPACER HARDWARE, CONNECT THE REMOVABLE COVER ASSEMBLY.
5. CPS CONFIGURATIONS FOR LARGER, SMALLER AND CORNER AND RAISED EFFLUENT PIPES ARE ALSO AVAILABLE

