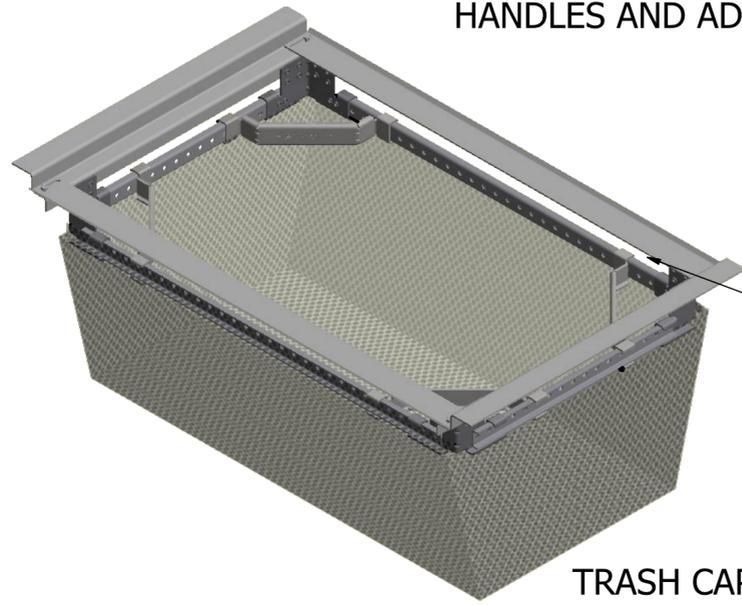
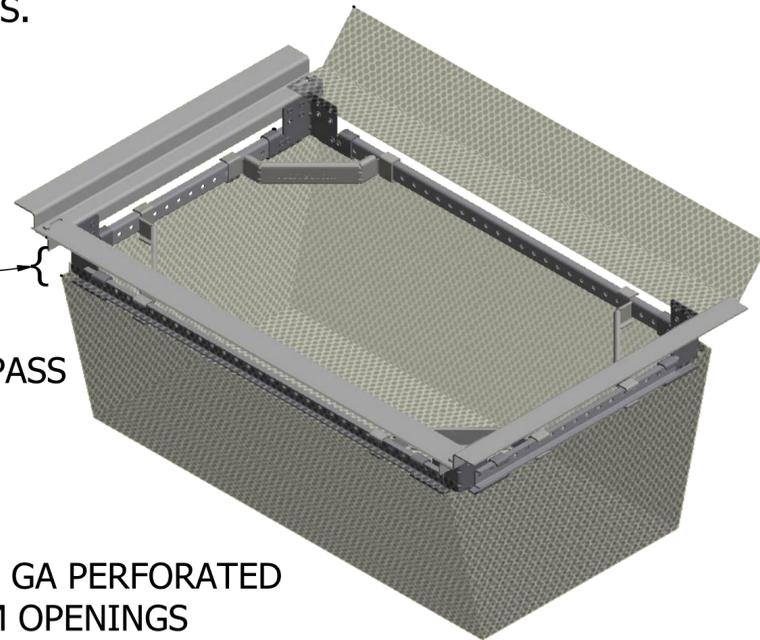


ADS-FLEXSTORM Perforated Stainless Steel Full Trash Capture Inserts

SUPPORT FRAMING: 12 GA 304 STAINLESS STEEL FRAMING W/LIFT HANDLES AND ADJUSTABLE FLANGES.



ULTIMATE BYPASS AREA



TRASH CAPTURE BASKET: 14 GA PERFORATED STAINLESS STEEL WITH 5MM OPENINGS



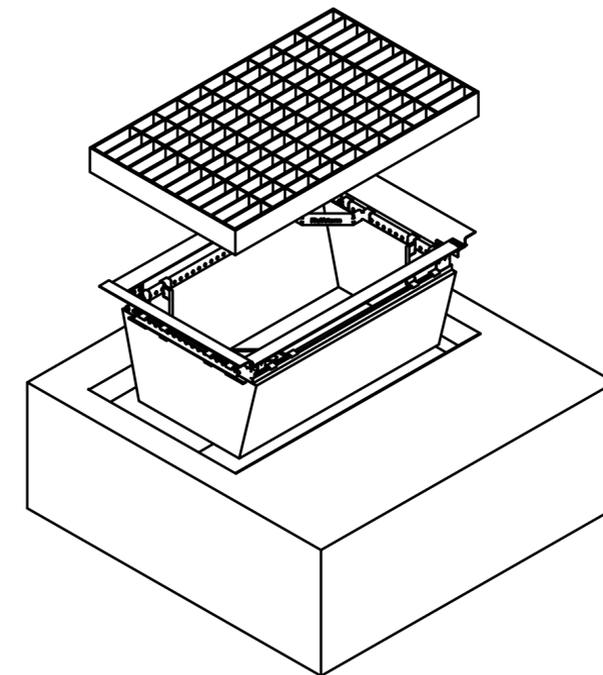
FLEXSTORM FILTER FOR SQUARE/RECTANGULAR GRATES

FLEXSTORM FILTER W/BOLT ON DEFLECTOR FOR CURB OPENINGS

FLEXSTORM FILTER FOR ROUND GRATES

Installation Instructions:

1. Remove grate from the drainage structure
2. Clean stone and dirt from the grate support ledge (lip)
3. Drop the FLEXSTORM inlet filter through the clear opening such that the flanges rest firmly on the lip of the catch basin
4. Replace the grate on top of the filter framing



FLEXSTORM Performance Specifications - Full Trash Capture						
ADS P/N	Basin Size	Basket Depth	Ultimate Bypass Cap. (CFS)*	Storage Volume (ft ³)	Flow Rate when Empty (CFS)*	Flow Rate when 50% Full (CFS)*
62HD12FTC	12 x 12	12"	0.5	0.7	6.8	3.0
62HD18FTC	18 x 18	12"	1.8	1.7	12.2	4.5
62HD24FTC	24 x 24	12"	3.0	3.1	18.6	6.3
62HD3618FTC	36 x 18	12"	4.0	3.5	20.8	7.3
62HD3624FTC	36 x 24	12"	4.5	5.0	25.1	8.3
62HD36FTC	36 x 36**	12"	8.0	7.1	41.6	14.6

* Calculated with .33' head pressure above grate

** Two 36 x 18 filter baskets placed side by side

TITLE			
ADS-FLEXSTORM Full Trash Capture Inserts			
SIZE	DWG NO	REV	
SCALE			



FLEXSTORM™ Inlet Filter Specifications and Work Instructions

Product: FLEXSTORM FULL TRASH CAPTURE (FTC) INSERTS

Manufacturer: ADS - FLEXSTORM www.inletfilters.com

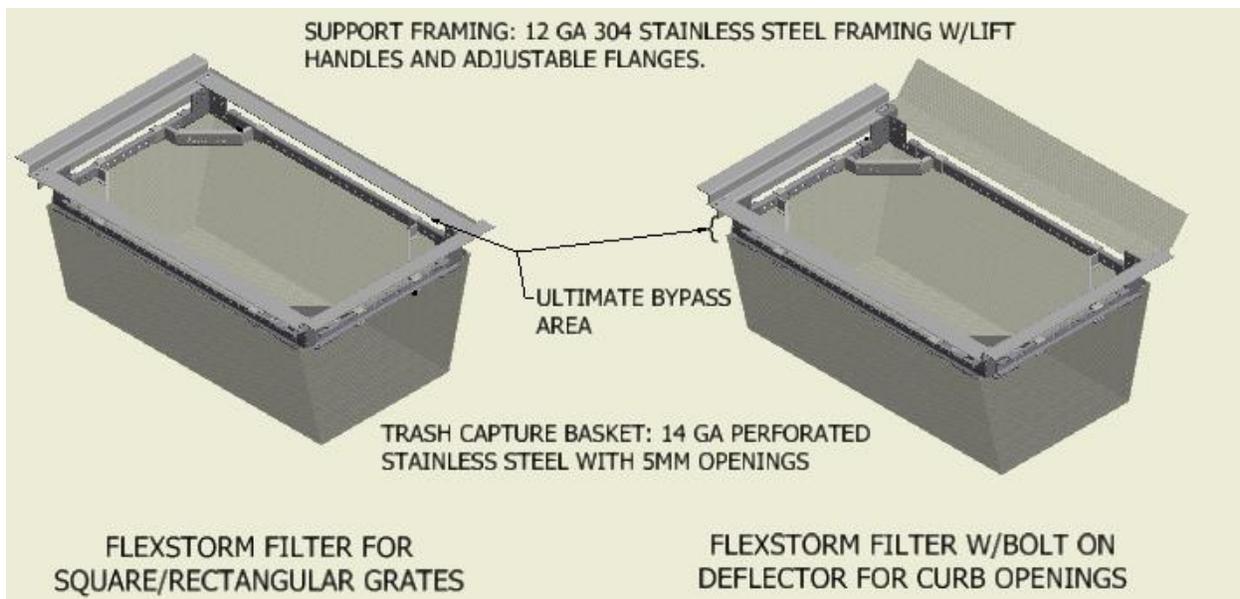
A subsidiary of Advanced Drainage Systems (ADS) www.ads-pipe.com

1.0 Description of Work:

- 1.1 The work covered shall consist of supplying, installing, and maintaining/cleaning of the FLEXSTORM FULL TRASH CAPTURE (FTC) INSERT. The FLEXSTORM FTC INSERT is placed directly under a catch basin drainage grate in order to collect trash and debris from surface storm water runoff as part of a TMDL program, or as directed by the Engineer.

2.0 Material:

- 2.1 The FLEXSTORM FTC insert system is comprised of a stainless steel frame and basket with perforated openings. The basket hangs suspended from the rigid frame at a distance below the grate that shall allow full water flow into the drainage structure if the basket is completely filled with trash and debris.



- 2.2 The FLEXSTORM FTC frame includes lifting handles to facilitate installation and removal of the basket into and out of the drainage structure. The ultimate bypass in the frame is designed to exceed that of the design flow into the drainage structure.

- 2.3 FLEXSTORM FTC INSERTS for full trash capture initiatives: The FLEXSTORM FTC framing is comprised of 12GA 304 stainless steel. The active filtering component is 14GA perforated stainless steel. The steel basket is uniformly punched with 3/16" dia holes (4.8 mm) in such a pattern that the basket has 50% open area and retains any particles 5 mm or larger.



3.0 Identification of Drainage Structures to Determine FLEXSTORM FTC Part #s, and Sizing:

3.1 The Installer (Contractor) shall inspect the plans and/or worksite to determine the quantity of each drainage structure casting type. The catch basin design, casting number, or the exact grate and clear opening size will provide the information necessary to identify the required FLEXSTORM FTC insert part number. Inserts are supplied to the field pre-configured to fit the specified drainage structure.

3.2 Standard Part Numbers and Performance Ratings:

FLEXSTORM Performance Specifications - Full Trash Capture						
ADS-FLEXSTORM P/N	Basin Size	Basket Depth	Ultimate Bypass Flow Rate (CFS)*	Storage Volume (ft^3)	Flow Rate when Empty (CFS)*	Flow Rate when 50% Full (CFS)*
62HD12FTC	12 x 12	12"	0.5	0.7	6.8	3.0
62HD18FTC	18 x 18	12"	1.8	1.7	12.2	4.5
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62HD3618FTC	36 x 18	12"	4.0	3.5	20.8	7.3
62HD3624FTC	36 x 24	12"	4.5	5.0	25.1	8.3
62HD36FTC	36 x 36**	12"	8.0	7.1	41.6	14.6

* Calculated with .33' head pressure above grate

** Two 36 x 18 filter baskets placed side by side

4.0 Installation into Standard Grated Drainage Structures:

4.1 Remove the grate from the casting or concrete drainage structure. Clean the ledge (lip) of the casting frame or drainage structure to ensure it is free of stone and dirt. Lower the FLEXSTORM insert through the clear opening and be sure the suspension hangers rest firmly on the support ledge of the structure. Replace the grate and confirm it is elevated no more than 1/8", which is the thickness of the steel hangers.



