



**ULTRATECH**  
INTERNATIONAL, INC.

# Ultra-HydroKleen Specification

**Product:** Ultra-HydroKleen

**Manufacturer:**

UltraTech International, Inc.  
11542 Davis Creek Court  
Jacksonville, FL 32256 USA

**Email:** [info@stormwaterproducts.com](mailto:info@stormwaterproducts.com)  
[www.stormwaterproducts.com](http://www.stormwaterproducts.com)



## 1.0 Description of Work

- 1.1 This work shall consist of furnishing, installing, maintaining, and removing Ultra-HydroKleen stormwater pollutant control device as directed by the engineer or as shown on the site drawings.

## 2.0 Ultra-HydroKleen Materials

- 2.1 Ultra-HydroKleen shall consist of a unit or units to be installed in existing or designed catch basins.
- 2.2 The water runoff filtration units shall be properly sized for the catch basin opening and predicted run-off.
- 2.3 The water runoff filtration system shall contain a pre-settling sediment chamber and a contaminant filtration chamber.
- 2.4 The media within the filtration chamber shall be a layered dual media system.
- 2.5 The first or primary filtration media shall consist of 8" in two or more mesh bags. This primary media shall be a non-leaching absorbent cellulose material that will attach hydrocarbons.
- 2.6 The second filter media shall consist of 4" of specially textured activated carbon to achieve a final polishing effect on the hydrocarbons in the discharge water as well as removing other organics, metals, and other contaminants.
- 2.7 Run-off water entering the unit shall be first diverted into the sediment chamber and from there shall flow into the filtering chamber through a transition inlet.
- 2.8 The units shall have sufficient overflow capacity to prevent ponding or flooding on the surface.
- 2.9 Filtration systems effectiveness shall be verified through third party testing.

### **3.0 Construction Sequence**

- 3.1 To install Ultra-HydroKleen in the catch basin, remove the grate and place the unit in the opening. Filter media bags can be installed prior to putting the HydroKleen in the catch basin or after it has been placed.
- 3.2 The sediment chamber of the Ultra-HydroKleen should be emptied periodically either manually or with a vac truck.
- 3.3 Filter media bags should be replaced when saturated.
- 3.4 Ultra-HydroKleen is reusable. Remove sediment and replace filter media as required. Ultra-HydroKleen should be stored out of sunlight when not in use.

### **4.0 Basis of Payment**

- 4.1 Payment for all Ultra-HydroKleen units used during construction is to be included in the bid price for the overall erosion and sediment control plan unless unit price is requested.

Note: This information is provided as reference only and is not intended as a warranty or guarantee. UltraTech International, Inc. assumes no liability in connection with the use of this information (8/1/24).