



**ULTRATECH**  
INTERNATIONAL, INC.

# Ultra-Drain Guard<sup>®</sup>, Heavy Metal Model

## SPECIFICATIONS

Material Specifications		
Properties	ASTM Test	Value
Skirt Material: Non-permeable, flexible PVC	----	----
Collection Area Material: Non-Woven, Polypropylene Geotextile	----	----
Grab Tensile	D 4632	220 lbs.
Elongation	D 4632	50%
Trapezoid Tear	D 4533	95 lbs.
Puncture	D 4833	135 lbs.
Mullen Burst	D 3786	420 psi
Permittivity	D 4491	1.5 sec <sup>-1</sup>
A.O.S. (U.S. sieve no.)/ Microns	D 4751	80/ 180
UV Stability (strength retained%) 500 hrs	D 4355	70%
Fabric Weight (oz./yd <sup>2</sup> ) (typical)	D 5261	8 oz/ yd <sup>2</sup>
Flow (through material)	D 5261	90 gpm / ft <sup>2</sup>
Flow (bypass ports gpm)	----	770 gpm
Flow (bypass ports cfs)	----	1.7cfs

Unit Specifications						
Model	Oil Capture	Sediment Capture	Metal Capture <sup>1</sup>	Collection Area	Flow Rate	Dimensions
Heavy Metal	0.23 gal	30 lbs.	190 grams	10" dia. x 18" depth	275 gpm	48" x 36" x 18"

<sup>1</sup> Please see table below for a list of filterable metals.

Filterable Metals						
Rubidium	Sodium	Zinc	Magnesium	Lithium	Calcium	Barium
Iron	Potassium	Silver	Strontium	Cobalt	Cesium	Cadmium
Copper	Aluminum	Ammonium	Lead	Mercury	Chromium	

Updated: 09.14.18