



ULTRATECH
INTERNATIONAL, INC.



Ultra-Drain Guard® Heavy Metal Model

Remove heavy metal water runoff at the storm drain before it enters the environment

The early stages of stormwater management focused on the removal of sand, sediment, dirt, trash, and oil from runoff. But heavy metals have taken over the spotlight. And for good reason, because of their high degree of toxicity, many of these elements rank among the priority metals that are of public health significance.

Standard geotextiles and filter fabric won't remove heavy metals. So we use six pounds of a custom blend of filter media to remove them from stormwater flow.

Product Highlights

- + Specialized catch basin insert has “quilted” sections sewn into the body of the unit where stormwater flows through.
- + A custom blend of heavy metal removal media is contained in each section (pouch).
- + Six-pounds of heavy metal removal media is contained in the lower portion of the Ultra-Drain Guard.
- + An impermeable, PVC skirt at the top of the unit funnels all water to the lower portion of the Ultra-Drain Guard where it is forced to move through the media before it can move on into the storm drain.
- + This BMP removes hydrocarbons, heavy metals, sediments, and other organics from stormwater and industrial runoff.
- + 275 GPM flow rate.
- + Material: 8 oz Non Woven



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



Ultra-Drain Guard, Heavy Metal Model

Part#	Model	Overall Dimensions in. (mm)	Absorption Capacity gal. (L)	Weight Capacity UDL lbs. (kg)	Weight Lbs. (Kg)
9397	Heavy Metal Model 48 x 36	48 x 36 x 18 (1219 x 914 x 457)	0.23 (0.87) of Oil	30 (13.6) of Sediment, 0.419 (0.190) 190g of Metal	5.0 (2.3)
9398	Heavy Metal Model 60 x 60	60 x 60 x 18 (1524 x 1524 x 457)	0.23 (0.87) of Oil	30 (13.6) of Sediment, 0.419 (0.190) 190g of Metal	6.0 (2.7)

