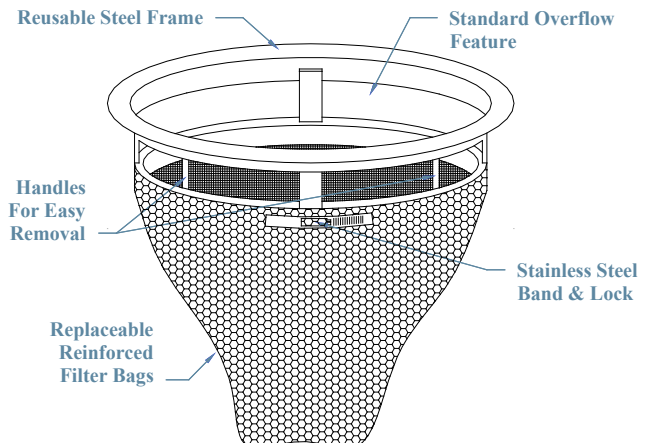


# CATCH-ALL HR-I

## Inlet Protection Device

**Catch-All HR-I** is a storm drain system inlet protection device designed to filter most inorganic pollutants from stormwater runoff before they enter the drain system. Custom fitted to meet virtually any structure and inlet casting/grate combination, the sturdy metal frame fits under the grate without appreciably changing the grate height ... no concerns for street cleaning and plowing crews. The filter bag has two layers: a high flow, small pore opening, non-woven geotextile inner layer, supported by a strong, polyester net outer layer. A stainless band with worm-screw clamp secures the reusable, replaceable filter bag to the lower frame ring. Unique and critically important, the two-ring frame design provides an overflow capacity greater than the grate flow rate, all but eliminating any potential for a site flooding condition, even with a fully loaded filter.

In addition, the absorbent [**HR-I**] **Catch-All** series significantly reduces organic pollutant entrance as well. **HR-I** products incorporate **Imbiber Bead**<sup>®</sup> booms which integrate initial flush organics pollutants within the beads molecular structure. **HR-I** booms can attract several times their weight from hundreds of different organic pollutants. This absorbing process eliminates free liquids and significantly reduces the rate of hazardous vapor release. Therefore, using the **HR-I** series reduces the risk of pollutant exposure to both the environment and personnel. In addition, the **Imbicator**<sup>™</sup> device, an integral part of the **HR-I** boom, activates to provide a visual indication in the presence of an organic chemical and alerts maintenance personnel when a replacement boom is needed. This feature decreases the waste in replacing sorbent materials before they are at capacity and all but eliminates the potential for pollutant discharge resulting from personnel not replacing sorbents when needed. For permanent protection applications, where site activity involving organic pollutants is ongoing [parking lots, maintenance areas, etc.], **Catch-All HR-I** is an economically viable selection.



### Catch-All HR-I Features:

- Low initial cost
- Easy to install and maintain
- Filter bag, integral with the band and lock, is replaceable
- HR-I boom is replaceable, separate from the filter bag
- Overflow capacity greater than grate inlet flow rate
- Minimum 2 cubic feet of pollutant storage capacity
- Initial filtration down to 70 microns with a flow rate of 145 gal/min/ft<sup>2</sup>



Catch-All HR-I

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