



# HydroDome

*Hydrodynamic Inlet Separator*

## Product Info

HydroDome efficiently removes oil, trash, and TSS (suspended solids and their associated metals, nutrients, bacteria), from stormwater runoff which is required by NDPES permits and the Clean Water Act.

## Applications

HydroDome is used as a stand-alone treatment solution for urban retrofit and redevelopment applications; as part of a treatment train for new developments; or as a pretreatment device for infiltration, underground storage, and bio-retention.

## Features

- Low flow siphon creates additional storage in the structure
- Siphon raises oil & floatables away from the discharge point preventing re-entrainment during peak flows
- High flow weir prevents surcharging to ground (high weir optional if parking lot storage design)
- Can accommodate multiple inlet pipes
- Captures oil spills, TSS and trash
- Separator performance in a hooded inlet
- Can be used as an inlet, bend, or junction structure

## Sizing & Design

Sized based on laboratory testing results and annual TSS removal and/or water quality flow rate.



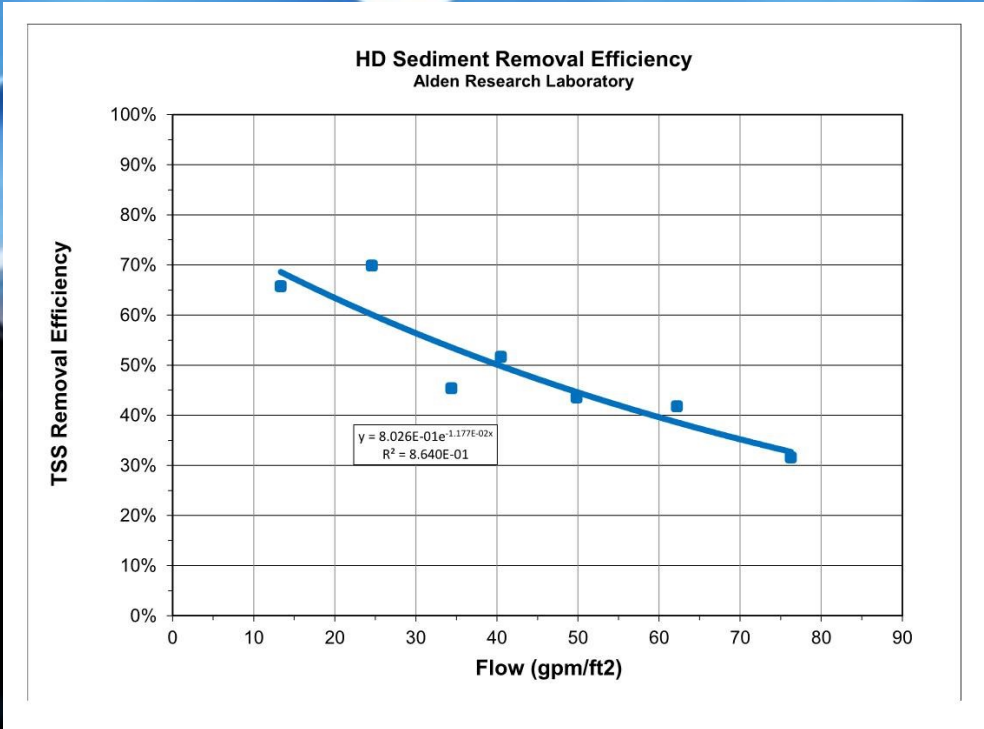
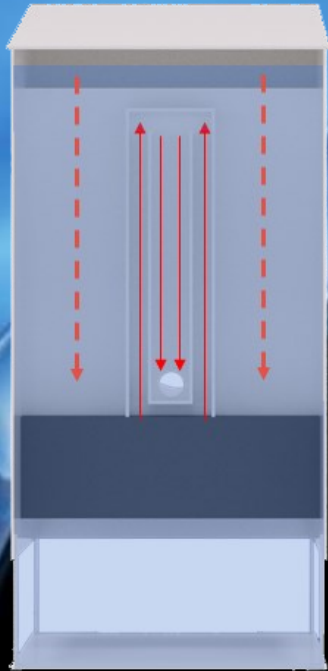
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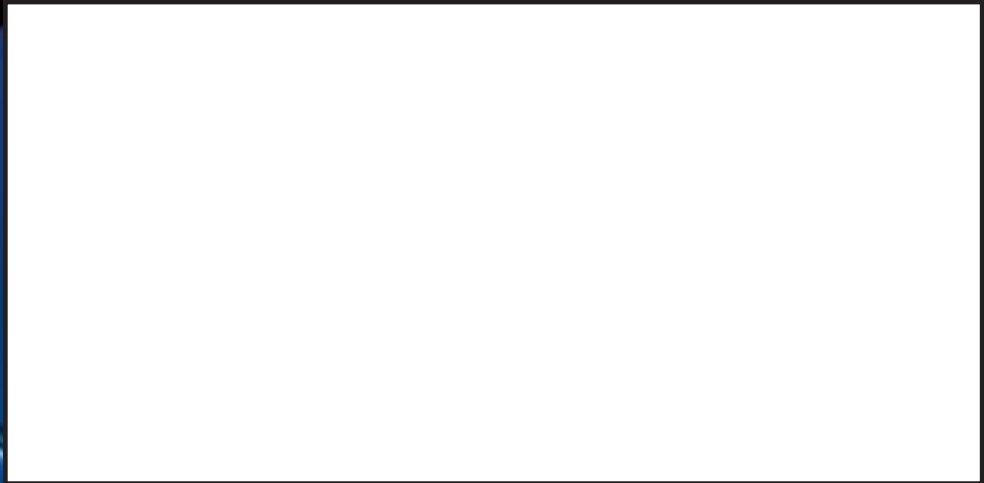
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Hydroworks will design a unit for you or you can download our free design software at [www.hydroworks.com](http://www.hydroworks.com)

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