

# Passive Hydrocarbon Skimmer

## ORS Filter Bucket™

The ORS Filter Bucket™ is an independently floating passive hydrocarbon skimmer that is equipped with a visual alarm to indicate when the bucket is full. The heart of the system is a floating cartridge that recovers product for storage in an integral 2 liter reservoir. Actual separation of product from water is carried out by a mesh screen located in the cartridge. This screen is specially treated to pass oil and repel water.

### OPERATION

As product passes through the cartridge, it passes into one of the two hoses and is gravity fed through the bucket wall and through a small check valve. When the cover of the bucket is removed, product can be seen flowing into the bucket. The rate of flow into the ORS Filter Bucket™ is dependent upon the viscosity of the product and the thickness of the slick.

As product accumulates in the reservoir, the ORS Filter Bucket™ will ride lower in the water. At the same time, the product level indicator shaft will be extended through the lid of the bucket. The ORS Filter Bucket™ is designed so that the reservoir will cease taking on product just as the cartridge contacts the bucket handle.

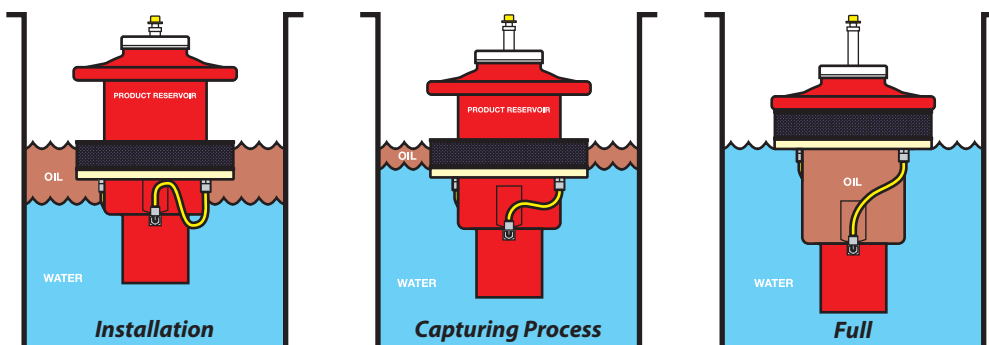
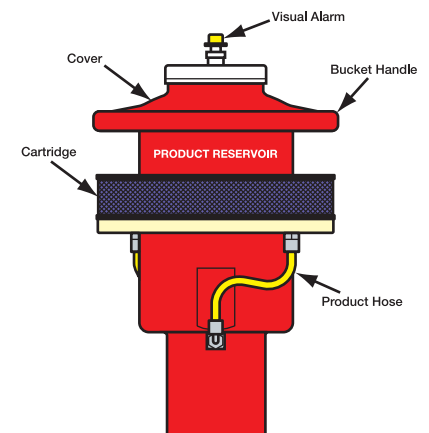
### SPECIFICATIONS

#### Dimensions:

<b>Height</b>	16"
<b>Diameter</b>	10"
<b>Weight</b>	7 lbs.
<b>Capacity</b>	2 liters

#### Materials:

<b>Body</b>	Polyethylene
<b>Hoses</b>	Polyethylene
<b>Check Valves</b>	Nylon
<b>Cartridge</b>	100 Mesh Oleophilichydrophobic (blue) 60 Mesh Oleophilichydrophobic (green)



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