

# SUMP PUMP VAULT FILTER

## Overview:

The See Water Sump Pump Vault Filter measures 24 inches in diameter and 12 inches tall. The filter mounts to the floor of the vault around the pump. The complete Sump Pump Vault Filter includes the filter housing, the debris and silt filter, and oil sheen filter. The unit is designed to stop debris accumulation that may clog the pump and it will provide oil spill protection redundancy, when used in conjunction with the Oil Smart® System.

## Features:

- Includes debris and silt 40 micron filter, 2 layers of oil sheen filter
- The filter housing is constructed of white perforated polypropylene, 0.125 gauge, 3175 micron holes on 3/16 inch centers, staggered pattern with 40 percent open area.
- Polypropylene shell has high impact resistance strength, does not absorb moisture and is chemical and corrosion resistant.
- The debris and silt filter is 75 inches long and 12 inches tall, 40 micron white nylon monofilament mesh fabric which is durable, washable and reusable.
- The oil and sheen filter is made of two layers of patented Agent-Q (U.S. Patent No. 8,986,822), a filtering media which prevents oil from reaching the pump. Agent-Q fabric contains, in sonic bonded quilted diamonds, at least 350 grams per m2 of C.I.Agent solidifying polymers.
- One layer of Agent-Q flows 400 gallons/minute/m2. It has an average grab strength of a nominal 60 pounds (ASTM D5034 testing) and a burst strength of a nominal 70 psi (ASTM D3786 testing).
- C.I.Agent Solidifying polymers are listed in the EPA National Contingency Plan Product Schedule for oil cleanup and are effective in



## Applications:

- Transformer oil containment
- Underground vault sumps
- Any Oil Smart® application where there is a need to pump water without pumping oil



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**Model:**

95-50

**Description:**

Debris and silt 40 micron filter, 2 layers of oil sheen filter, rubber gasket, complete mounting hardware

**Oil Smart® System:**

The picture to the right depicts the installation of the Oil Smart® System in conjunction with the Sump Pump Vault Filter.

One of the biggest challenges in pumping water from oil containment areas, elevator sumps and underground utility vaults is how to pump water into waterways while containing the oil. Oil Smart® Systems incorporate pump controls and alarm sensors that differentiate between oil and water, allowing companies to responsibly discharge the water without worrying about contamination.

The system combines automatic water pump control along with high liquid alarm features to send warning signals to SCADA and other building management systems in the event of a high liquid or oil spill. The Oil Smart® kits include the 151 (1/3HP), 152 (4/10HP) or the 153 (1/2HP) effluent submersible pump specifically designed for Electric Utility Industry.

The 95-50 Sump Pump Vault Filter is an optional component to be used in conjunction with the Oil Smart® Pump System to provide added protection and to protect the pump from an accumulation of debris around the pump.



Model# 153-OSSIM-30-95-50

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