

SPILLSTOP™

for AODD Pumps

Prevent Product Loss and Hazardous Spills
When AODD Pump Diaphragms Fail.



How it works.

The fully pneumatic SPILLSTOP safely captures leaked product and automatically shuts down failed AODD pumps to eliminate costly product loss and prevent hazardous spills. Optional warning alarm and backup pump switchover further minimize system downtime for maximum productivity. Blacoh's unique SPILLSTOP design is customizable with a full range of material options and configurations.

Safety First.

As anyone familiar with the function of an AODD pump can attest, pump diaphragms will fail. When they do, process fluid is expelled through the pump's air exhaust port, spilling into the environment. Spills can result in significant expense due to lost product, hazardous material cleanup, EPA reporting, and system downtime. More importantly, spills resulting from pump diaphragm failure put employees at risk of serious injury.

Case in point, a major chemical manufacturer was using a 1" AODD pump to transfer caustic from a holding tank to a process tank when the pump's diaphragm ruptured. At that moment, a plant worker standing next to the pump was critically injured when doused with caustic. Tragically, this accident could have been avoided with SPILLSTOP.

When Pump Diaphragms Fail.

SPILLSTOP is a fully pneumatic device that attaches directly to the exhaust of an AODD pump. When the pump's diaphragm fails, process fluid that would have been expelled out through the pump's exhaust is captured in the SPILLSTOP's housing receptacle. The contained fluid raises the internal float to automatically shut down the failed pump.

SPILLSTOP can also be equipped with an optional warning alarm whistle, pneumatic-to-electric switch to power warning lights or connect to a SCADA panel, and additional pump shutoff valves for multiple pumps, high suction tank applications, and/or backup pump startup.

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Stop Spills Before They Happen.

Unmonitored spills are very expensive considering the costs of product loss, system downtime, hazardous cleanup, and EPA reporting. By preventing a single spill, SPILLSTOP will more than pay for itself in product savings alone.

Can You Afford Not To Have It?

A 3,000 gallon spill was prevented after SPILLSTOP units were installed by a major paint manufacturer on all AODD pumps in their transfer facility. SPILLSTOP prevented multiple spills when pump diaphragms ruptured at a US chemical plant, saving \$20,000 to \$100,000 per spill in hazardous waste cleanup costs.

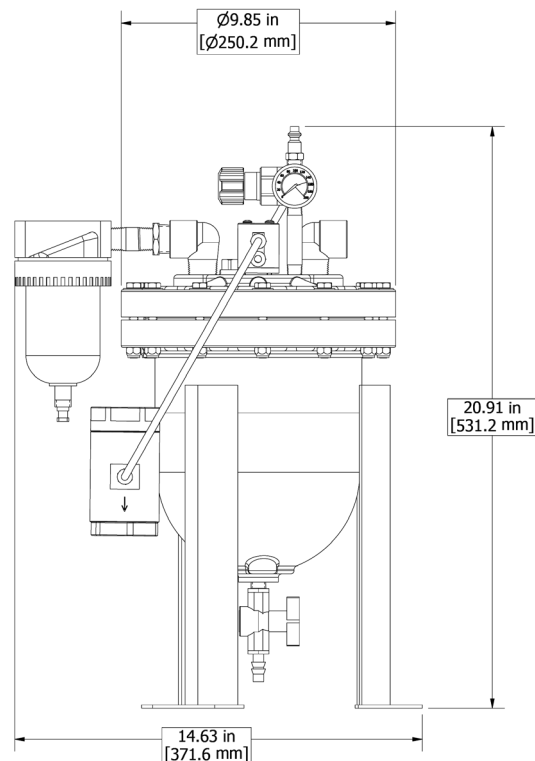
Calculate how long it takes for SPILLSTOP to pay for itself in product loss alone at Blacoh.com/SPILLSTOP.

Features

- Compatible with all AODD pumps from 1/4" (6.35mm) to 4" (101.6mm).
- Attaches directly to AODD pump exhaust.
- Fully pneumatic – no batteries or electronics required.
- Optional warning alarm and backup pump switchover.
- Available in a variety of materials and configurations, with custom models on request.
- ATEX certified metal models.

Options

- Pneumatic whistle to sound warning alarm.
- Pneumatic-to-electric switch to power warning lights or connect to SCADA panel.
- Additional shutoff valves for multiple pumps, high suction tank applications, and/or backup pump startup.



Model Series

Series	Wetted Housing	Nonwetted Lid	Internal Float
SPS-10	Polypropylene	Noryl	Polypropylene
SPS-11	PVC	Noryl	Polypropylene
SPS-20	Stainless Steel	Noryl	Stainless Steel
SPS-21	Stainless Steel	Stainless Steel	Stainless Steel
SPS-30	PVDF	Noryl	Stainless Steel
SPS-31	PVDF	PVDF	Stainless Steel
SPS-33	PVDF	PVDF	TFE Coated SS
SPS-39	PVDF	Noryl	Polypropylene
SPS-81	Hastelloy C	TFE Coated SS	TFE Coated SS
SPS-82	Hastelloy C	Stainless Steel	Stainless Steel

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