

Oil Stop Valve (OSV)

Large, unpredictable oils spills can defeat even the most conservatively designed pollution control systems. The OSV is an economical option used to confine hydrocarbon spills to the premises for safe disposal. Contech's OSV is fabricated from either non-corrosive Stainless Steel or PVC and has only one moving part, the ballasted float. When an oil spill occurs, the float loses buoyancy as the free-floating oil depth increases until it finally seats on the discharge port, closing and confining the spill.

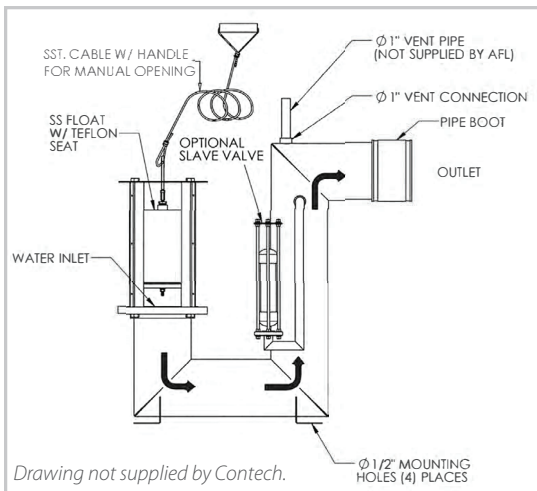
Applications

Consider the OSV for those applications where oil spills are possible, but unpredictable.

- Electric power plants, transformer yards, substations
- Crude oil, biodiesel, petroleum processing & storage facilities
- Transportation fueling systems and equipment wash pads
- Airports and aircraft services
- Railyards
- Truck & marine terminals
- Post oil water separator
- Military and government facilities
- Fleet maintenance facilities
- Commercial filling station
- Auto part recyclers/salvage yards



Learn More:
www.ContechES.com/osv



FEATURE	BENEFIT
Dependable, gravity operation	Can be used as part of a Spill Prevention Control and Countermeasure (SPCC) plan
Large flow capacity	Eliminates the need for additional structures
Only one moving part, and no power requirement	Low operation and maintenance costs
Self-operating options (slave valve)	Ease of operation
Corrosion resistant construction	Increased longevity and service life
Outlet sizes: 4", 6", 10" & 12"	Design flexibility

Reduce the risk of catastrophic oil spills.

Oil Stop Valve (OSV) Options

SLAVE VALVE – Recommended option to ensure automatic valve re-opening if residual water evaporates.

FREEZE PROTECTION - Eliminates sump water freezing where environmental conditions exist.

HOW TO SELECT THE RIGHT VALVE TYPE AND SIZE FOR YOUR APPLICATION:

PVC – PVC models represent an economical option to prevent bulk hydrocarbon spills. Corrosion-resistant PVC construction is ideal for warmer climates.

Stainless Steel – Stainless steel models are recommended in colder climates or where greater durability is desired.

Stainless Steel Extended Outlet – Stainless steel extended outlet models reduce fire risk by extending the outlet pipe through the sump wall so there is no connection inside the sump to burn and fail.

VALVE SIZE (dia.)	CONSTRUCTION	MAX FLOW RATE
4"	PVC/SS	160 GPM
6"	PVC/SS	360 GPM
8"	PVC/SS	600 GPM
10"	SS	900 GPM
12"	SS	1400 GPM

WARNING: Exceeding these flow rates may cause premature closing.

AFL recommends a 4-ft diameter catch basin for the OSV-4 and OSV-6, and a 5-ft diameter basin for the OSV-8, OSV-10 and OSV-12

TYPE	MODEL #	MATERIAL	PIPE SIZE		RIM TO IE OUT (MIN)		MAX FLOW RATE	
			IN	MM	FT	MM	GPM	L/M
STANDARD	OSV-4	PVC	4	101	2'-3"	686	160	606
	OSV-6		6	152	2'-6"	762	360	1362
	OSV-8		8	203	2'-10.5"	876	600	2274
	OSV-4SS	STAINLESS STEEL	4	101	2'-3"	686	160	606
	OSV-6SS		6	152	2'-6"	762	360	1362
	OSV-8SS		8	203	2'-10.5"	876	600	2274
	OSV-10SS		10	254	3'-1"	940	900	3408
	OSV-12SS		12	304	3'-5"	1042	1400	5298
EXTENDED	OSV-4SST	STAINLESS STEEL	4	101	2'-3"	686	160	606
	OSV-6SST		6	152	2'-6"	762	360	1362
	OSV-8SST		8	203	2'-10.5"	876	600	2274
	OSV-10SST		10	254	3'-1"	940	900	3408
	OSV-12SST		12	304	3'-5"	1042	1400	5298
STANDARD W/ SLAVE VALVE	OSV-4SV	PVC	4	101	2'-3"	686	160	606
	OSV-6SV		6	152	2'-6"	762	360	1362
	OSV-8SV		8	203	2'-10.5"	876	600	2274
	OSV-4SSSV	STAINLESS STEEL	4	101	2'-3"	686	160	606
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