

OIL STOP VALVE

The Oil Stop Valve reduces the risk of catastrophic oils spills being released from a site. The fully adjustable float accommodates any oil type, oil depth or alarm condition. A simple mechanism, few moving parts and corrosion resistant stainless steel or PVC construction ensure long product life. Housing is fabricated from non-corrosive PVC (low risk of fire) or stainless steel (high risk of fire) to provide you with greater design flexibility and pricing options. It is typically installed belowground and in-line with the piping system and can also be installed in pre-assembled concrete manhole or vault designs.

Features and Benefits

- Meets Spill Prevention Control and Counter Measures (SPCC) requirements
- Works with existing storm drain pipes and structures for secondary containment
- Passive design with stainless steel float
 - Dependable operation with long product life
 - No on-site operator required, Only periodic inspections
 - No electrical power to operate
- Slave valve makes maintenance easy
- Self-opening feature mitigates effect of sump water evaporation
- Standard valve sizes with fully adjustable float
 - Quick and easy sizing for a wide range of oils, flow rates and pipe sizes
 - Flow capacities up to 1,400 gpm through a single valve
 - Accommodates 4", 6", 8", 10", and 12" discharge piping. Larger systems can be accommodated by manifolding units together

How it Works:

The valve operates on the principles of buoyancy. The ballasted float, which is the only moving part, is weighted for a specified gravity typically between 0.9 and 0.95. In the water, the float will float and keep the valve open. An accumulation of oil around the float will decrease the buoyant force on the float causing it to float lower in the liquid. As the oil accumulation increases, the float will sink lower and finally close the valve when the oil level is approximately 3 to 4 inches thick.



For application where oil spills are possible but unpredictable, including:

- Mining
- Utilities
- Transformer yards
- Bulk oil tank farms
- Crude oil production
- Biodiesel processing
- Commercial filling stations
- Power plants
- Auto part recyclers/salvage yards
- Transportation – operations and maintenance:
 - Airports
 - Rail yards
 - Truck terminals
 - Marine terminals
 - Maintenance facilities
 - Military installations
 - Vehicle fleets (USPS)

Reduce the risk of catastrophic oil spills

CONTECH OSV

Model Sizes and Peak Flow Capacity

AFL-OSV Model	Discharge Elbow Material	Valve Size	Valve Size	Max. Outlet Pipe Size	Max. Outlet	Max. Capacity gpm	Max. Capacity lps
OSV-4	PVC	4"	101 mm	4"	101 mm	160	10
OSV-6	PVC	6"	150 mm	6"	150 mm	360	23
OSV-8	PVC	8"	200 mm	8"	200 mm	600	39
OSV-4SS	Stainless Steel	4"	101 mm	4"	101 mm	160	10
OSV-6SS	Stainless Steel	6"	150 mm	6"	150 mm	360	23
OSV-8SS	Stainless Steel	8"	200 mm	8"	200 mm	600	39
OSV-10SS	Stainless Steel	10"	250 mm	10"	250 mm	900	57
OSV-12SS	Stainless Steel	12"	300 mm	12"	300 mm	1400	88
OSV-4SST	Stainless Steel	4"	101 mm	4"	101 mm	160	10
OSV-6SST	Stainless Steel	6"	150 mm	6"	150 mm	360	23
OSV-8SST	Stainless Steel	8"	200 mm	8"	200 mm	600	39
OSV-10SST	Stainless Steel	10"	101 mm	10"	101 mm	900	57
OSV-12SST	Stainless Steel	12"	150 mm	12"	150 mm	1400	88

SS = Stainless Steel

SST = Stainless steel extended and is used when designing for fire protection

This feature includes an extended pipe through the outlet of the structure, so there is no connection inside the valve structure to melt and fail.