



A Division of RGF Environmental Group, Inc.

AFL INDUSTRIES

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PRODUCT BULLETIN

NO. 8-05.B.1 B

AFL OIL STOP VALVE

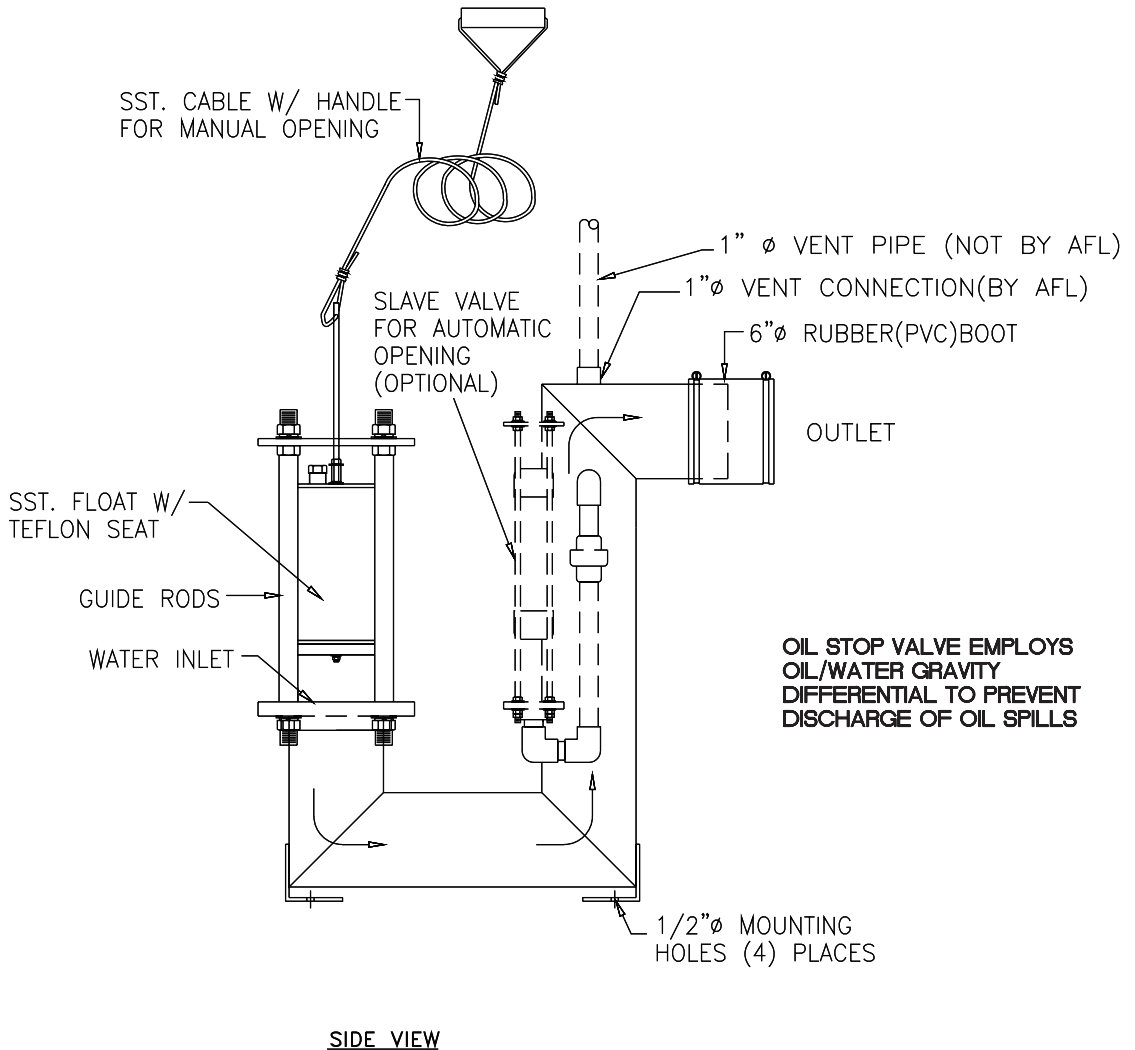
STAINLESS STEEL NOT EXTENDED MODELS
FLOW RATES 0-1400 GPM

FUNCTION

PREVENTS DISCHARGE OF
SEPARATED OIL TO SEWERS/STREAMS



ENGINEERING A BETTER ENVIRONMENT



FEATURES

- Dependable Gravity Operation**
- Single Moving Part**
- Large Flow Capacity**
- Self-Opening (Slave Valve Option)**
- No Power Requirement**
- Corrosion Resistant Construction**
- Sizes: 4", 6", 8", 10" and 12"**

Large, unpredictable oil spills can defeat the most conservatively designed pollution control system, but while the cost of such a system can be prohibitive, the consequences of not controlling a spill can be equally catastrophic. The AFL/Clark Oil Stop Valve (OSV) is designed to solve these problems.



Oil Stop Valves confine even large oil spills to the premises. The OSV is available from AFL prepackaged in a fiberglass catch basin or as an option on AFL oil/water separators. In addition, the OSV is available separately for installation in existing separators, catch basins or manholes.

The OSV has only one moving part, a ballasted float set at a specific gravity between that of oil and water. When an oil spill occurs, the float loses buoyancy as the oil level increases until it finally seats itself on the discharge port. Thus the oil spill is confined.

The Oil Stop Valve is fabricated from non-corrosive stainless steel. Standard sizes are 4", 6", 8", 10" and 12". Larger piping systems can be accommodated by manifolding units together.

Consider the OSV for those application where oil spills are possible, but unpredictable such as electrical transformers, oil storage areas, and transportation fueling systems. The Oil Stop Valve is the most cost effective method to prevent a major disaster.

OSV Options

SLAVE VALVE - The slave is added to an Oil Stop Valve to allow the main float to reopen. Due to lack of water the main float will close. When additional rain water enters the sump, the slave valve float will open and allow water to enter the Oil Stop Valve Body. As the water level rises the main float will open due to water pressure pushing up against the bottom of the main float. In the event of an oil spill, the slave valve float and the main float will close containing the spill.

LEVEL SWITCH

FREEZE PROTECTION

HOW TO PICK THE PROPER VALVE TYPE & SIZE FOR YOUR APPLICATION

PVC

PVC models are the most economical way to prevent bulk hydrocarbon spills. Corrosion resistant PVC construction is an ideal choice for warm climates.

STAINLESS STEEL NOT EXTENDED

Stainless steel not extended models are used in lieu of PVC units in colder climates which may eliminate the necessity for an electric freeze protection package.

STAINLESS STEEL EXTENDED

Stainless steel extended model is our most popular valve if fire is possible. By extending the pipe thru the sump wall, there is no connection inside the sump to burn and fail.

VALVE SIZE

4" DIAMETER
6" DIAMETER
8" DIAMETER
10" DIAMETER
12" DIAMETER

(MAX) FLOW RATE

160 GPM
360 GPM
600 GPM
900 GPM
1400 GPM

WARNING: EXCEEDING THESE FLOW RATES MAY CAUSE PREMATURE CLOSING.

AFL RECOMMENDS:

- Sanitary catch basin used to prevent premature valve closure due to leakage.
- 4' diameter catch basin for the OSV-4 and OSV-6, and a 5' diameter for the OSV-8, OSV-10 and OSV-12.



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