WaterSpotter™ Flood Sensor

AWS Series | Rated 9-12VDC, 500mA Maximum

FLOOD SENSOR ONLY (USE WITH ALDERON™ ALARM PANELS)

ALDERON™ Industries

Leading Edge Control Products

TECHNICAL DATA SHEET
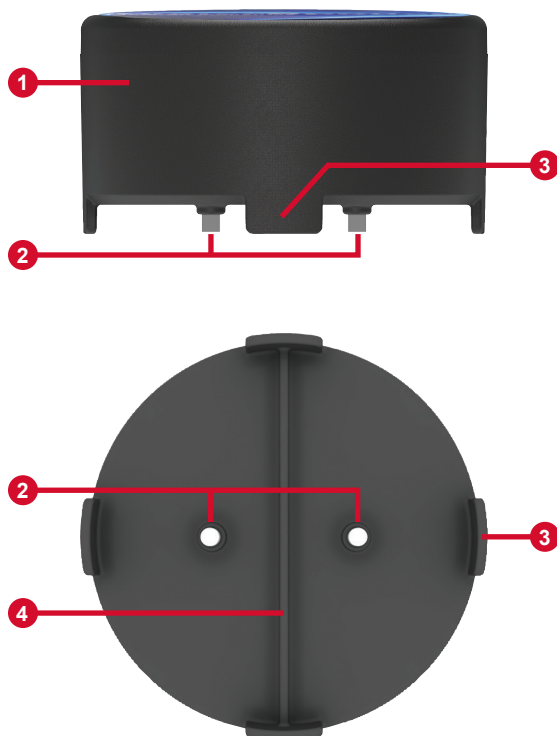
DESCRIPTION OF OPERATION

The AWS series WaterSpotter™ Flood Sensor is a reliable water detection sensor that can be used in a wide variety of applications, including but not limited to: sumps, basements, computer rooms, air conditioner condensate run over, water heaters, utility rooms, and more. The AWS series WaterSpotter™ contains active electronics that are only to be used with specific Alderon™ alarm panels, rated 9-12VDC.

The sensor is placed on the floor in areas prone to flooding, detects water at 1/16-inch, and the solid state circuitry is encapsulated in epoxy to ensure a waterproof sensor. Two stainless steel probes are located on the bottom of the sensor and will not rust. The sensor works with distilled and condensate water. The enclosure includes four stability feet to create a base with maximum stability and a water break bar between the probes for a fast reset after an alarm condition occurs.

The sensor is wired to the terminal block on a specific Alderon™ alarm panel. An alarm condition will occur when water touches the two probes on the sensor, during which the red alarm LED will illuminate, buzzer will annunciate, and the auxiliary contacts will activate on the alarm panel. The alarm condition will stay on until the water recedes below the two probes on the sensor. After a water detection event occurs, completely wipe off the probes before putting back into service. Connect multiple sensors (signaling device) for zone area protection.

STANDARD FEATURES

(1) Sensor Housing - Solid state circuitry is encapsulated in epoxy to ensure a waterproof sensor.

(2) Probes - Two stainless steel probes on the bottom of the sensor detect water at 1/16-inch and sends a signal to an Alderon™ alarm panel to indicate an alarm condition.

(3) Stability Feet - Four stability feet are part of the enclosure to create a base with maximum stability for reliable water detection.

(4) Water Break Bar - Divides the probes on the bottom of the sensor for a fast reset.

(5) Sensor Cable (not shown) - PVC, 22 gauge, and 2-conductor cable connects the sensor to the terminals on an Alderon™ alarm panel. Rated 9-12VDC and 500mA maximum.

SPECIFICATIONS

WaterSpotter™ Flood Sensor, AWS Series

Electrical
9-12VDC

Operating Current
3mA

Switching Current
500mA maximum
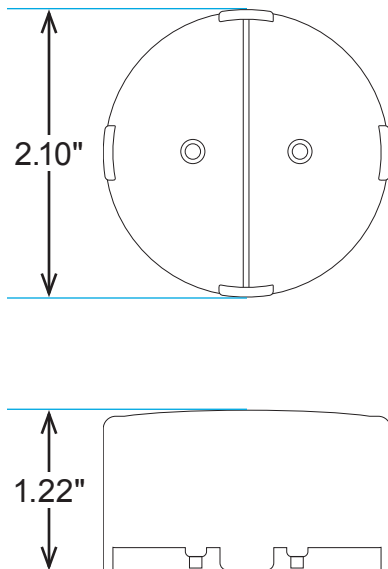
Probes
Stainless Steel

Detection Level
1/16-inch of water in monitoring area

Cable Type
PVC, 22 gauge, 2-conductor, 15-feet
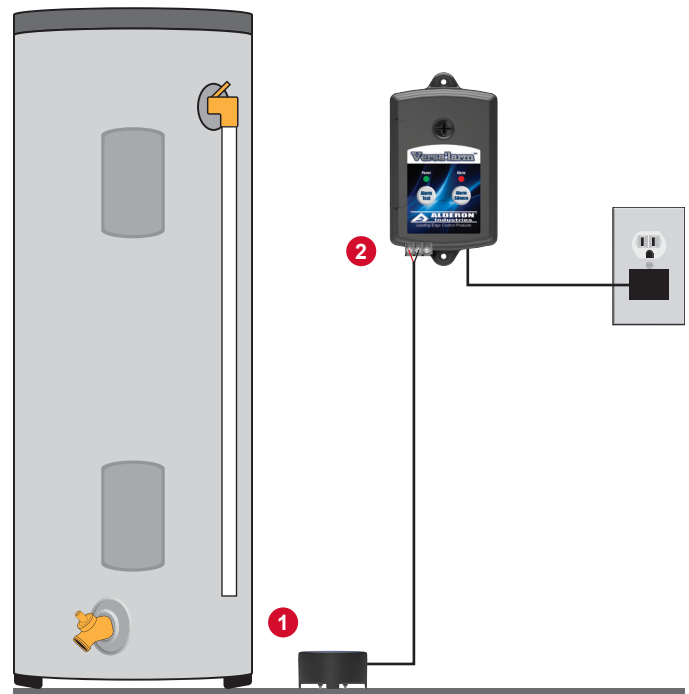*(custom lengths available)*

Three-Year Limited Warranty

CAUTION: Connect ONLY to specific Alderon™ alarm panel monitoring systems.

MECHANICAL DRAWING

2.10"

1.22"

INSTALLATION EXAMPLE

1) Place the WaterSpotter™ sensor next to flood prone areas such as a water heater.

2) Wire the sensor to the terminal block on the Alderon™ Versa'larm™ alarm panel and plug alarm into a standard 120VAC wall outlet.

ORDERING INFORMATION

For a complete list of standard products with pricing, refer to the current year price sheet or visit alderonind.com for more information.

PART NUMBER	DESCRIPTION
7008	WaterSpotter™ Flood Sensor, AWS Series, 15' Cable
	7008 Model Number; AWS-15 *AWS-XX (XX = cable length; for cable lengths longer than indicated, specify additional lengths in 5-foot increments; i.e., AWS-20 = 20' cable length)*
	Used on Specific Model/Part Number Alarms
	Models - VA01A, VA01B, VA01D, and VA-02 which includes part numbers: 7001, 7002, 7003, 7011, 7012, 7013, 7051, 7072, 7991, 7992, 8028, 8033, 8049, 8064, 2000521, 2000522, and 2000523.
	Models - VA02A, VA02B, and VA-03 which includes part numbers: 7151, 7915, 7916, 7917, 7918, 7919, 7929, 7930, 8016, 2000515, 2000516, and 2000517.