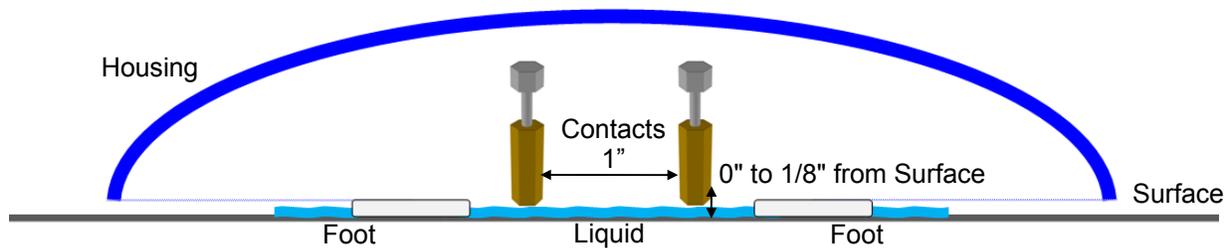




Flood Sensor (Spot) (RMA-FS2-SEN) Installation Note

AVTECH's Flood Sensor (Spot) monitors the presence/absence of liquid on a flat surface. When liquid collects underneath the blue housing, it bridges the 2 adjustable-height contacts and trips the sensor. The contacts, which are 1" apart, arrive 1/32" off the ground, and adjust individually from 0" to 1/8" high. Self-adhesive feet on the bottom of the housing allow you to fasten the sensor to trouble-spots and also provide a gap to admit water to the contacts.



Flood Sensor (Spot) Package Contents

- One (1) Flood Sensor with 25' low-voltage 2-wire cable attached
- One (1) 9V alkaline battery
- One (1) Installation Note (You're reading it now.)

Install Your Flood Sensor (Spot)



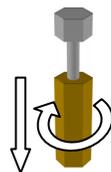
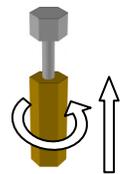
Do not use this sensor in hazardous (classified) locations or life safety applications.

Step 1: Adjust the height of the contacts if necessary.

You may leave the contacts at the factory-adjusted height of 1/32" away from the floor, or adjust them between 0" and 1/8" high. To simulate the distance to the floor, rest a straight-edge on the feet closest to the contacts while you adjust them.

- Tighten the contacts clockwise to raise them further away from the floor.
- Loosen the contacts counter-clockwise to lower them closer to the floor.

While you may lower the contacts flush to the floor (0" high), doing so increases the chance of a false alarm—mere dampness or a film of dirt could bridge the contacts. Metal, too, forms a complete circuit, so if you place the unit on a metal surface, be sure to maintain a gap under the contacts.



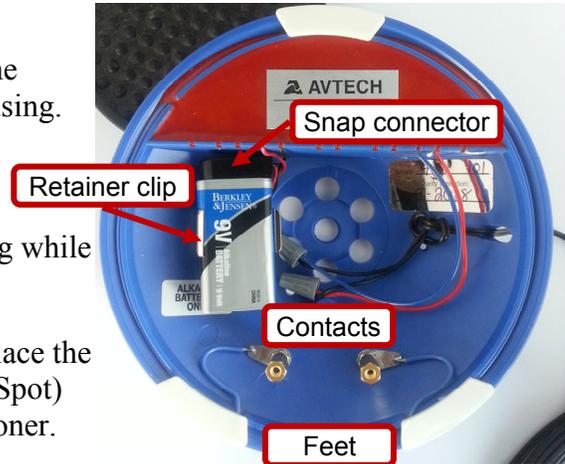
Flood Sensor (Spot) (RMA-FS2-SEN)

Step 2: Connect the battery.

Your Flood Sensor (Spot) comes with a 9V alkaline battery inserted into the retainer clip under the housing.

Push the snap connector completely on to the battery contacts. The snap connector arrives partially off to prevent the battery from discharging while it's stored and shipped.

Use only alkaline batteries in your sensor, and replace the battery at least once a year. If your Flood Sensor (Spot) gets activated often, you may need to replace it sooner.



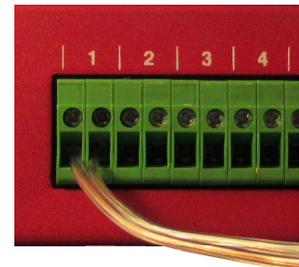
Step 3: Mount your Flood Sensor (Spot).

1. Place your Flood Sensor on a flat surface in the area most prone to collect water.
2. You may simply rest the unit on its feet or remove the backing on the pads to stick it to the surface. In either case, keep the feet on the unit: they create a gap necessary to allow water to get to the contacts. If you remove them, the housing and surface may form a seal, and water won't reach the contacts until it's risen up the sides or over the top.

Step 4: Connect your Flood Sensor (Spot) to Room Alert.

Your sensor comes with one end of a 25' low-voltage 2-wire cable already attached. The leads are non-polarized.

1. Run the cable from the sensor back to your Room Alert monitor or WiSH Sensor.
2. Connect the exposed leads to an open switch sensor port on your Room Alert or WiSH Sensor. Again, the leads are non-polarized, so you may connect either lead to either of the port's contacts.



Do not connect the dry contacts on AVTECH products or other electrical appliances to live circuits.

Use only low-voltage 2-wire cable to connect dry contacts.

Test Your Flood Sensor (Spot)

Once you have inserted the battery and connected to Room Alert, you may easily test the sensor by bridging the contacts with a paper clip.

Configure Your Flood Sensor (Spot)

With Room Alert's Built-In Web Interface

Navigate to **Settings** → **Alarm Options** in your Room Alert web interface. The options you see below will vary depending on the model.

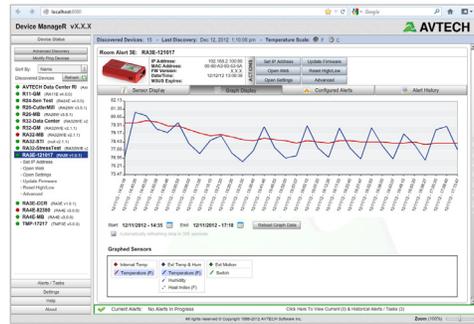
Status	Settings	Help	About
MAC Address: XX-XX-XX-XX-XX-XX Version: X.X.X			
Network	Switch Sensor Settings		
SMTP Email	Sensor 1 Label: Switch Sen 1 Alarm On: Closed Alarm Profile: Profile 1		
SNMP	Sensor 2 Label: Switch Sen 2 Alarm On: Closed Alarm Profile: Profile 1		
Sensors	Sensor 3 Label: Switch Sen 3 Alarm On: Closed Alarm Profile: Profile 1		
Alarm Options	Sensor 4 Label: Switch Sen 4 Alarm On: Closed Alarm Profile: Profile 1		
WISH Sensors	Sensor 9 Label: Switch Sen 9 Alarm On: Closed Alarm Profile: Profile 1		
WISH Options	Sensor 10 Label: Switch Sen 10 Alarm On: Closed Alarm Profile: Profile 1		
Security	Sensor 11 Label: Switch Sen 11 Alarm On: Closed Alarm Profile: Profile 1		
Advanced	Sensor 12 Label: Switch Sen 12 Alarm On: Closed Alarm Profile: Profile 1		
Save Settings			
Reset Defaults			

1. Scroll down to “Switch Sensor Settings.”
2. Find the switch sensor label that matches the port you connected your sensor to. For example, if you used the first switch sensor port on your Room Alert, look for “Sensor 1 Label”; if you used the second, look for “Sensor 2 Label,” and so on.
3. In “Sensor X Label,” you may leave the default name or enter something more descriptive, such as “Basement Fld 6” or “Fld Spot Rm 2.”
4. In “Alarm On,” choose “Open.” The normal state of the Flood Sensor (Spot) is “Closed,” which means the sensor does not detect liquid.
5. For models with the “Use Alarm Profile” feature: if you have configured Alarm Profiles in the Alarm Options screen, you may choose a profile from the drop-down menu. The default is “Profile 1.”
6. Click **Accept Changes** at the bottom of your screen to temporarily save your settings. You may now navigate to another screen; however, if you close the web interface before the next step, you will lose your changes.
7. Click **Save Settings** in the navigation bar to the left of your screen. Your Room Alert will automatically reboot and commit your changes.

With AVTECH’s Device Manager Software For Advanced Functionality

For advanced functionality and easy management of multiple units, configure your sensor with AVTECH’s Device Manager, the software that comes FREE with the purchase of any Room Alert monitor.

You may download the current version from your customer account at AVTECH.com/Downloads while your Maintenance, Support & Update Service (MSUS) is current. If your service and access has lapsed, please contact your Product Specialist about reactivating them.



Smoke Sensor Features & Specifications

Environment Condition Monitored	Presence/absence of liquid
Type Of Sensor	Switch
Normal State	Closed (= liquid NOT detected)
Power Supply	9V alkaline battery
Included	Yes
Sensor Cable Type	Low-voltage two-wire speaker cable
Included	Yes
Length	25'
Maximum Extendible Length	900'
Compatible Products	Any Room Alert or Wireless Sensor Hub model

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