INTRODUCTION

Safe-T-Switch SSA is a SMART home device that allows your HVAC Condensate Switch to alert the homeowner of any service interruptions due to excessive condensate accumulating within the drain pan.

FEATURES

- Battery operated – 3 (AA) batteries (not included), no hard-wire install needed
- No App needed – simple set-up allows for Text Messages and/or emails to be sent to 1-2 people

PRODUCT REQUIREMENTS

- iPhone/iPad – iOS version 9.0 or later
- Android – 4.4.x or later
- Mac – OS 10.11 or later
- Windows – Windows 7 or later
- A Smartphone/Tablet capable of connecting to the internet via Wi-Fi, where the device will be installed

BEFORE YOU BEGIN…

Read these instructions in their entirety before configuring your Safe-T-Switch SSA. Check RectorSeal.com for the latest product information, instructions, and videos.

- Access to a Wi-Fi network and password where the SSA will be installed

1) WIRING THE DEVICE

- Be sure to power off the HVAC system at the thermostat, on the system the Safe-T-Switch SSA is being installed (if multiple HVAC systems are present)
- Locate your condensate Switch(es) to your drain pan(s)

NOTE – For multiple overflow switches on one system, wire them in-series and follow steps below

- **2 wire NC float switch instructions**

- Connect the 2 wires from the condensate switch to the 2 input wires of the Safe-T-Switch SSA
- Break the Red Thermostat wire and connect one end to the SSA output common wire and connect the other end to SSA output NC wire. Use wire nuts for your connections
- INSTALL OPTION – Break Yellow to keep fan running during an event

  NOTE - Unit will not run until SSA registration is complete – See Step 2

- **5 wire condensate switch instructions**
  - Connect the Common and NC wires from the condensate switch to the 2 input wires of the Safe-T-Switch SSA
  - Break the Red Thermostat wire and connect one end to the SSA output common wire and connect the other end to SSA output NC wire. Use wire nuts for your connections
  - INSTALL OPTION – Break Yellow to keep fan running during an event

    NOTE - Unit will not run until SSA registration is complete – See Step 2

    NOTE - Use NO wire of the SSA for systems that require NO functions such as an external alarm

INSTALL BATTERIES

- To access the battery compartment, locate the bottom screw, remove the screw, and remove the cover plate
- Install the batteries according to the battery images, paying attention to which end is (+) and (-)
- Wait to re-install the battery cover until after the registration and device set-up is complete. The device registration and set-up is time sensitive, and we advise moving forward to registering the device immediately after the 3rd battery is installed.

2) CONNECTING TO Wi-Fi & REGISTERING THE DEVICE

- After installing the 3rd (AA) battery, go to the Wi-Fi Search function of your Smartphone
- Look for the "RectorSeal XX.XX.XX" and select to connect
- A warning may pop up asking to remain connected to the internet – select "YES"
  - If the automated pop-up to the registration portal fails to launch (due to security settings on the phone) please manually open a web browser (Internet Explorer, Firefox, Chrome, Safari, etc…) on the phone and type in the following IP address: **192.168.4.1**
- The web browser will prompt the registration portal
  - Go to "Select Wi-Fi Network" and select the homeowner's Network

- Enter the Password for this network
- Fill in the following contact information for Homeowner #1
  - Name
  - Email
  - Mobile phone with Text messaging capability

    (NOTE – at least 1 (Email or Mobile) must be entered for the homeowner to be alerted, recommendation is to add both. Skipping this step will result in no alerts being sent to the homeowner)
  - Home Address
- Fill in the contact information for Homeowner #2 or other person (OPTIONAL)
  - Examples could be Property Manager, Maintenance Manager, HVAC Contractor, etc…
  - Repeat entering the user data above

- After successfully entering the information, a confirmation email and/or text will be sent
- Replace the battery cover and replace the screw.
- Use the included mounting fabric to position the device out of the way, or use a screw to attach the device on a stud/wall (No mounting screw included)

3) TESTING

- Restore power to the HVAC System and turn the AC on at the thermostat
- While the system is running, go back to the condensate switch and simulate an event
- Testing on a mechanical float switch
  - Simply lift the float and wait for the unit to turn off
  - After a minute the AC System will shut off, and a text and/or an email alert will be sent within a minute (varying internet speeds may take longer)
  - After you've received the notifications, release the float and the unit will restore power (there may be a time delay due to the system/thermostat)
- Testing on an electric switch
  - Use water or metal across the probes and wait for the unit to turn off
  - After a minute the AC System will shut off, and a text and/or an email alert will be sent within a minute (varying internet speeds may take longer)

- After you've received the notifications, remove the connection to the probes, and the unit will restore power (there may be a time delay due to the system/thermostat)

FREQUENTLY ASKED QUESTIONS – FAQ

Q: I changed my router/Modem, how do I change my settings?

A: Push the reset button twice, or remove and replace the batteries, and repeat step 2

Q: I moved into a house with one of these installed, how do I reset the settings?

A. Push the reset button twice, or remove and replace the batteries, and repeat step 2

Q: Can I use Lithium or rechargeable batteries in the SSA device?

A: We recommend using Alkaline batteries with this device to get the longest life out of the battery.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can

radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

•Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.