



**HVAC** installation  
**SOLUTIONS**

## Safe-T-Switch®

Patented, code compliant condensate overflow float switches and cleanout devices.



### NEW! In-Line Cleanout

Versatile cleanout device allows for clearing and maintaining drain lines using pressure, suction and chemical additives.

### Improved Float Control

Precise ratcheting float allows easy sensitivity adjustment without removing top cover.

# SAFE-T-SWITCH®

- Maximum control
- Maximum reliability
- Unmatched function
- Minimum maintenance
- Simple installation
- Plenum rated options

## Enhanced float level control.



Precise ratcheted float switch level control ▶



**SS Models**

IMC code\* compliant in-line cleanout ▼

Nitrogen/CO<sub>2</sub> pressure drain line cleaning ▶



**SC1 Model**

IMC code\* compliant in-line cleanout ▼



# IMC code compliant in-line drain cleanout.



ACTION VIDEO

NEXT GENERATION SAFE-T-SWITCH



Low-voltage condensate overflow cutoff switches are designed to detect clogged A/C condensate drains. The built-in, easy-access, hand-ratcheting float adjusts sensitivity without removing top cover. The model SC1 cleanout device features a Schrader valve connection to enable clearing blockages without removing top cover.

### **SS1, SS2 and SS3 magnetic float, reed activated switches are of the highest quality.**

They provide condensate overflow protection for the primary drain, the secondary (auxiliary) drain and the safety pan. Should a blockage occur, the float rises with the condensate level. The magnetic float triggers the reed switch to shut down the system, preventing costly water damage to the structure.

Strict manufacturing quality control of our reed switches make them the most desirable and reliable in the industry. The patented magnetic reed switch will not stick or rust. A deeper fitting design with extra float throw length allows an added level of adjustability, to limit call backs and maintenance issues. Safe-T-Switches are also available in plenum models SS1P, SS2P and SS3P. All Safe-T-Switch devices are easy to install and continue to be the choice of HVAC and plumbing installers.

**Full line of drain line cleanout options** including CO<sub>2</sub> pressure delivery tools, suction pumps and liquid/tablet drain line cleaner chemicals are available from Rectorseal. (See pages 8 & 9)

**Electronic overflow switches SS500EP and SS610E** are uniquely designed to offer condensate overflow protection for a variety of applications including mini-split units. They provide condensate overflow protection for the primary drain, the secondary port of the primary pan and the safety pan. Should a blockage occur, the probe senses the rising condensate level and electronically shuts down the system preventing costly water damage.

Action video and full details @ [rectorseal.com/ssgen3](https://rectorseal.com/ssgen3)

\*IMC Code 307.2.5 & 307.2.3.4 Drain line maintenance. Condensate drain lines shall be configured to permit the clearing of blockages and performance of maintenance without requiring the drain line to be cut. A water-level detection device conforming to UL 508 shall be provided that will shut off the equipment served in the event that the primary drain is blocked.



## MAGNETIC REED CONDENSATE OVERFLOW SWITCHES

### SS1/SS1P Float Switch

Code	Description	Qty.
97085	Model SS1	24
97086	Model SS1P (Plenum)	24



#### FEATURES

- Condensate overflow switch
- Adjustable ratcheting float level
- Code compliant in-line cleanout
- Cleanout Tool

For primary drain lines

**APPLICATION** • Detects clogged A/C condensate drains and shuts off the system to prevent water damage • Float sensitivity can be easily adjusted without removing top cover • Can be installed on a slope up to 45° • Top cover removes easily using the tapered cams to allow inspection of the float switch and access to use the included cleanout tool to clear drain line • Compatible with Mighty Pump, LineShot or A/C Drain Foot Pump • Connect either red or yellow thermostat wire.

US Patent No. 10,406,570



Plenum rated cable

### SS2/SS2P Float Switch

Code	Description	Qty.
97087	Model SS2	24
97088	Model SS2P (Plenum)	24

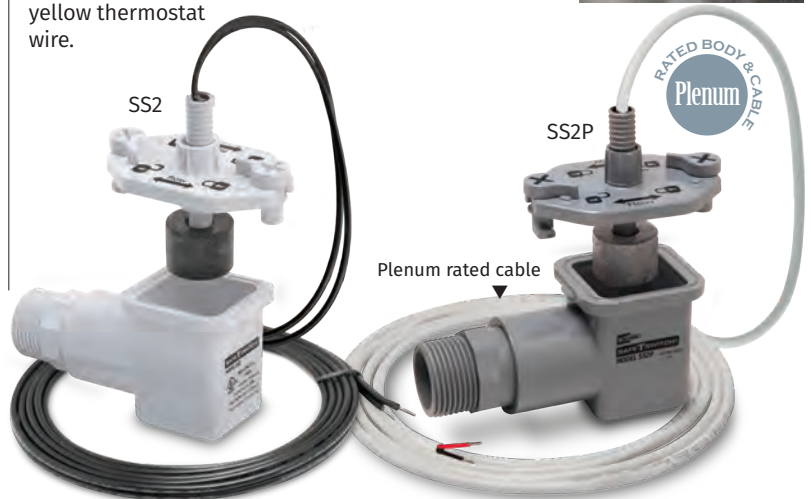


#### FEATURES

- Condensate overflow switch
- Adjustable ratcheting float level
- Magnetic reed switch
- POP Blister packaged

For primary drain pan auxiliary outlet

**APPLICATION** • Detects clogged A/C condensate drains and shuts off system • Can be installed on the auxiliary outlet of the primary drain pan using the included 3/4" adapter • Float sensitivity can be easily adjusted without removing top cover • Top cover removes easily using the tapered cams to allow inspection of the float switch • Connect either red or yellow thermostat wire.



Plenum rated cable

## SS3/SS3P Float Switch

For primary and auxiliary drain pans

Code	Description	Qty.
97089	Model SS3	24
97090	Model SS3P (Plenum)	24

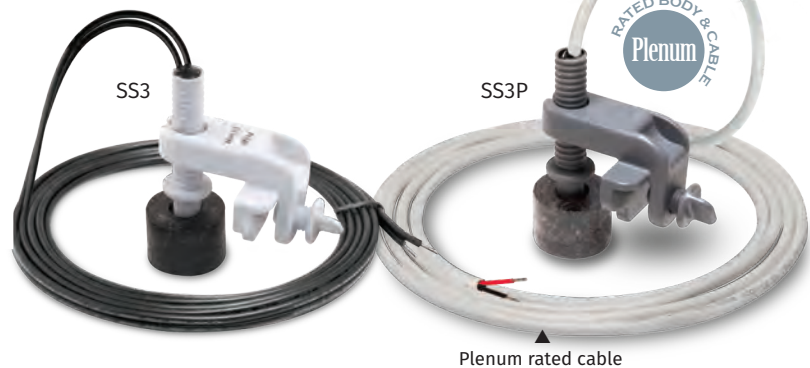


### FEATURES

- Condensate overflow switch
- **Adjustable ratcheting float level**
- Magnetic reed switch
- POP Blister packaged
- Fits 1" to 2" drain pan height

**APPLICATION** • Detects clogged A/C condensate drains and shuts off the system • Bracket mounts firmly over the edge of most drain pans • Slim profile can be installed on primary or auxiliary drain pans • Thumbscrew makes installation simple and easy • Connect either red or yellow thermostat wire.

US Patent No. 6,698,215



## CONDENSATE DRAIN LINE CLEANOUT

### SC1 Cleanout

For condensate drain lines maintenance

Code	Description	Qty.
97091	Model SC1	24

### FEATURES

- **Schrader valve pressure clearing**
- **Code compliant in-line cleanout**
- Cleanout tool
- POP Blister packaged

**APPLICATION** • Quick and easy access for clearing condensate drain lines • Integrated Schrader valve allows pressure clearing without removing top cover • Included cleanout tool allows both pressure or vacuum clearing in either direction.

• Top cover is easily removed and reinstalled using tapered cams • Compatible with Mighty Pump, LineShot or A/C Drain Foot Pump

US Patent No. 10,406,570







## ELECTRONIC OVERFLOW CUTOFF SENSOR SWITCHES

### SS500EP Sensor Switch

For commercial rooftop down flow units

Code	Description	Qty.
97693	SS500EP	24



#### FEATURES

- Fully plenum-rated
- Electronic probe sensor
- 5-wire design
- Onboard LED indicator
- Plenum rated wire
- POP Blister packaged

**APPLICATION** • Overflow cutoff sensor switch  
Installs on primary drain pan when plenum rating is needed • Small size and slim profile allows versatile application.



### SS103E Dual Switch

Dual sensor switching

Code	Description	Qty.
97692	SS103E	24



#### FEATURES

- Electronic probe sensor
- 5-wire design
- Onboard LED indicator
- POP Blister packaged

**APPLICATION** • Overflow cutoff sensor switch for primary drain pan line and auxiliary drain pan or auxiliary drain pan outlet and auxiliary drain pan

- Can be installed horizontally, vertically or in-line
- Onboard LED indicates the condition of the unit at a glance
- No moving parts



# SS610E Sensor Switch

For mini-split systems

Code	Description	Qty.
97622	SS610E	12



**FEATURES**

- Sensor connects to indoor units
- Onboard LED indicator can be mounted to side of unit
- POP Blister packaged

**APPLICATION** • Overflow cutoff sensor switch for mini-split systems for installation directly on primary drain pan or clipped to coils above primary drain pan

- 90-250 VAC
- No batteries required

US Patent No. 8,887,392



*Bracket allows probe to position deeper into the drain pan when necessary*



# SSW Sensor Switch

For drain pan or floor

Code	Description	Qty.
97092	SSW	24



**FEATURES**

- Sensor connects to indoor units
- Onboard LED indicator
- Automatic reset
- POP packaged
- Weighted to avoid slippage

**APPLICATION** • Overflow cutoff sensor switch for direct placement into a metal or plastic secondary drain pan or on a floor. The logic circuit of the SSW continuously samples the sensor probes for the accumulation of water and determines if the presence of water is transient or permanent. When proprietary sensors detect as little as a 1/16-inch level of permanent water, the SSW water sensor automatically shuts the HVAC system down.

US Patent Pending





## CONDENSATE DRAIN LINE CHEMICAL CLEANERS

### Actabs™

#### Drain line biocide

Code	Description	Qty.
68108	6 tablet pouch	72
68104	JR - 200 tab bottle	12
68107	DMSS - 200 tab bottle	12

Actabs™	Systems from 6 to 15 tons	EPA Reg. no. 51219-7
Actabs™ JR	All systems monthly application	EPA Reg. no. 51219-7
Actabs™ DMSS	Ductless Mini-Split Systems	EPA Reg. no. 51219-7

**APPLICATION** • EPA registered biocide eliminates or prevents most blockages in air conditioning and refrigeration drain lines due to build up of biofilm, rust, scale, sludge, airborne dust, silt and other solids

#### RECOMMENDED FOR

- Drain pan
- Computer rooms
- Ductless Mini-Split Systems



### A/C Pan Treatment

#### A/C drain pan & drain line treatment

Code	Description	Qty.
68115	200 tablet bottle	12
68117	30 tablet bottle	6

#### FEATURES

- Easily dispensed
- Long lasting

**APPLICATION** • Prevents drain line and pan blockage in air conditioners, humidifiers and refrigerators due to build up of sludge and slime • 2 tablets per one ton of air conditioning controls odor and sludge

#### RECOMMENDED FOR

- Drain pan



### Nu Line®

#### A/C condensate drain cleaner

Code	Description	Qty.
97685	8 oz.	24
97690	32 oz.	12

#### FEATURES

- Easily dispensed
- Long lasting
- Enzyme based
- Environmentally friendly

**APPLICATION** • Helps prevent A/C drain line clogs and water leaks by preventing accumulation of slime and keeping drain lines open • Use every three months to help prevent mold growth

#### RECOMMENDED FOR

- Drain line • Drain pan





# CONDENSATE DRAIN LINE PRESSURE CLEANING TOOLS

## LineShot™

Code	Description	Qty
81980	Drain Line Device	6
81981	CO <sub>2</sub> Refill Cartridges - 12 ea	6

**FEATURES**

- Lightweight • Portable
- Environmentally-Friendly
- Tapered fitting that is compatible with 3/8" – 3/4" drain openings • Flexible hose for easy maneuverability

### AC condensate line clearing device

**APPLICATION** • Clears drain lines quickly and easily with a burst of CO<sub>2</sub> • Includes an end fitting compatible with Schrader valves and a tapered fitting for 3/8" – 3/4" drain openings • Flexible hose is easy to maneuver in tight spaces • Can be used with the Safe-T-Switch cleanout tool and SC1, All-Access® AA1 Cleanout Device

**RECOMMENDED FOR**

- Condensate drain lines



## A/C Drain Pump

Code	Description	Qty
83418	A/C Drain Pump	6

**FEATURES**

- Fast and easy, clear clogged lines in seconds
- High pressure output
- Reusable • Comes complete
- Durable and tough

### Homeowner A/C drain line foot pump

**APPLICATION** • Manual A/C drain line pump • An easy way to remove blockages from A/C condensate drain lines, without the need for electricity • Manual foot-operated pump that can be used to push-out a clogged drain line, generating enough pressure to clear slime, mold and dirt plugs

- Compatible with the cleanout adapter provided with SS1 and SC1

**RECOMMENDED FOR**

- Leave behind product for homeowner self-maintenance of condensate drain lines



## Mighty Pump™

Code	Description	Qty.
97795	Mighty Pump™	4
97796	Replacement Hoses 2 per bag	6

**FEATURES**

- No nitrogen tank or gas cartridges needed
- 2-way flow without back flow
- Lightweight, heavy-duty molded PVC
- Easy clean up
- High volume, low pressure

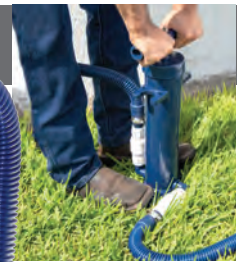
### Contractor A/C drain line hand pump

**APPLICATION** • Hand-operated pump that can be used to vacuum or push-out a clogged drain line from inside or outside the home or building • Generates enough pressure to clear slime, mold & dirt plugs

**RECOMMENDED FOR**

- Drain Line • A/C condensate pans
- Secondary overflow pans
- Water heater pans • Tubs & toilets

**Includes** • Pump body • Flexible hoses • Spring check valves • 3/4" adapter • Spare O-rings





A CSW Industrials Company

**Extended Safe-T-Switch product information can be found at:**  
[rectorseal.com/newgeneration](http://rectorseal.com/newgeneration)

#### **RECTORSEAL HVAC DIVISION**

Through the use of current technology and social media, RectorSeal provides support for all chemicals and mechanical products and tools including:

- Technical information
- Marketing materials
- Product installation training videos
- Product codes
- SDS and product data sheets
- Trade show schedule

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