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September 6, 2016

Kathleen Kelch  
The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, TX 77055

RESEARCH REPORT: RR-5562  
EFFECTIVE DATE: 09/06/15  
EXPIRATION DATE: 09/01/17  
Telephone: 800-231-3345

**GENERAL APPROVAL –Technical Modification –** “Safe-T-Switch®” low voltage condensate overflow shut-off switch, models SS1, SS2, SS3, SS2AP, SS2-CTP, SS2-P, SS3-CT, SS3-P, SS3AP, SS4, SS4-CT, SS, followed by any number 1 through 99, followed by 0 or 1, followed by any number 0 through 99, followed by E, may be followed by P. “Safe-T-Probe®” low voltage condensate overflow shut-off switch, models SP1A & SP1P. “AquaGuard®” condensate overflow sensor/switch, models AG-1100+, AG-1200+, AG-11xxE, AG-12xxE, AG-2xxxE, AG-3xxxE, AG-4xxxE, AG-4XXXM and AG-9300, may be followed by up to four alpha-numeric characters. “EZ Trap™” condensate overflow sensor/switch, models EZT200, may be followed by additional numbers, manufactured by The RectorSeal Corporation.

## DETAILS

The "Safe-T-Switch®," models SS1, SS2, SS3, SS2AP, SS2-CTP, SS2-P, SS3-CT, SS3-P, SS3AP, SS4, SS4-CT are Class 2 waterproof mechanical condensate overflow sensor/switches listed by Underwriters Laboratories, Inc., under File No. E209344 and conform to UL 508; models ending in "P" are plenum rated and conform to UL 2043.

The "Safe-T-Switch®," models SS, followed by any number 1 through 99, followed by a 0 or 1, followed by any number 0 through 99, followed by E, and may be followed by P, are Class 2 waterproof electronic condensate overflow sensor/switches listed by Underwriters Laboratories, Inc., under File No. E253669 and conform to UL 508; models ending in "P" are plenum rated and conform to UL 2043.

All "Safe-T-Switch®," models can be installed inline in primary condensate drains, plugged on secondary outlets of the primary drain pans, clipped in secondary (safety) drain pans, or placed on bottom of secondary drain pans.

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The "Safe-T-Probe®" Models SP1A and SP1P are Class 2 waterproof electronic plenum rated condensate overflow sensor/switches listed by Underwriters Laboratories, Inc., under File No. E253669 and conform to UL 508 and UL 2043.

Both "Safe-T-Probe®" models can be installed inline in primary condensate drains, plugged on secondary outlets of the primary drain pans, clipped in secondary (safety) drain pans, or placed on bottom of secondary drain pans.

The "AquaGuard®" models AG-1100+, AG-1200+, AG4XXXM and AG-9300\* are Class 2 waterproof mechanical condensate overflow sensor/switches listed by Underwriters Laboratories Inc., under file No. E209344 and conform to UL 508.

\*may be followed by up to four alpha numeric characters representing cable harness

The "EZ Trap™" models EZT200 (a) are Class 2 waterproof mechanical condensate overflow sensor/switches listed by Underwriters Laboratories Inc., under File No. E209344 and conform to UL 508.

(a) – May be followed by additional numbers.

The "AquaGuard®" models AG-11xxE (a), AG-12xxE (a), AG-2xxxE (b), AG-3xxxE (b), AG-4xxxE (b), AG-9300, DPLS1 and DPLS2 may be followed by up to four alpha-numeric characters, are Class 2 waterproof electronic condensate overflow sensor/switches listed by Underwriters Laboratories Inc., under file No. E253669 and conform to UL 508. Models AG3175E and AG3180E conform to UL 2043.

(a) - Where xx can be 00 – 99

(b) - Where xxx can be 00 – 999

All AquaGuard® and EZ Trap™ models can be installed inline in primary condensate drains, plugged on secondary outlets of the primary drain pans, clipped in secondary (safety) drain pans, or placed on bottom of secondary drain pans.

This approval is subject to the following conditions:

1. Installations of these products may eliminate the secondary drain requirements.
2. These products may be installed in air plenums and accessible locations and shall not be subjected to prolonged exposure to sunlight.
3. These products shall be marked as follows:
  - A. For the "Safe-T-Switch®" models:

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- a. On the package: the manufacturer's trade name "Safe-T Switch®".
  - b. On the product, both tube and fittings: the trade name "Safe-T-Switch®" or the trademark and nominal size with markings.
- B. For the "Safe-T-Probe®" models:
- a. On the package: the manufacturer's trade name "Safe-T-Probe®".
  - b. On the product, both tube and fittings: the trade name "Safe-T-Switch®" or the trademark and nominal size with markings.
4. The installation shall be per manufacturer's instructions, Los Angeles Plumbing Code, 2014 Edition, and Los Angeles Mechanical Code, 2014 Edition.
  5. These products are approved for HVAC systems only.

## DISCUSSION

Current production samples were tested and examined by the Mechanical Testing Laboratory. The material and construction are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 94.301, 94.801 and 94.807 of Los Angeles Plumbing Code, 2014 Edition, and Sections 95.105 and 95.310 of Los Angeles Mechanical Code, 2014 Edition

Approved by:



Manouchehr Shahrestani  
Mechanical Testing Laboratory