



Water Heater Leak Detection + Automatic Shut-Off System with Rope Sensor

RS-094-MK1



Water heater and water tank failures can happen at any time, often without warning, and can cause substantial flooding and property damage if nobody is nearby to detect the leak right away. FloodMaster's Water Heater Leak Alarm and Automatic Shut-Off System is ideal for minimizing water damage when these failures occur.

Simply install the FloodMaster valve to the feed water line for the water tank and place the rope sensor on the floor, in a pan near the pressure relief valve drain tube, or in a position where the leaking water would first appear. When the sensor detects leaking water, the system will automatically shut off the feed water intake and sound an audible alarm. This closed-loop system disables the cold water supply line to hot water tanks or similar applications with basic plumbing installation. Units are powered by a standard 120 VAC wall outlet.

RS-094-MK1 SPECIFICATIONS

Plumbing:

Full port valve

Complies with U.S. EPA Safe Drinking Water Standards (ANSI/NSF 61 Annex G)

Available in 3/4" valve size only

Electrical:

Plugs into standard 110V wall outlet

Transformer: 120 VAC, cUL Listed

Cable Lengths:

Power Cord: 12'

Rope Sensor: 10'

Lead Wire: 6'

Output Signal:

Connection to home security panel

Control secondary system with appropriate relay

SPDT relay output control

Use standard alarm wire

This kit is ideal for low-profile tanks.

BENEFITS

- ☀ Lead-free ANSI/NSF 61 Annex G valve meets U.S. EPA Safe Drinking Water Standards
- Reduce or eliminate water damage and insurance claims
- Easy installation
- Additional rope sensor lengths can easily be added to the system for a wider area of leak detection (additional 10' rope sensor length: RSA-175-010)
- System is reusable – when the alarm sounds, fix the problem and reset unit for continued protection
- Made entirely of corrosion-free materials
- Plugs in to a standard wall outlet (120 VAC)
- Unit can interface with a home security alarm system or appropriate relay
- Full port valve

Typical Installations

- Common risk housing – condos, apartments
- Vacation homes and properties
- Residential or commercial properties
- Finished basements
- Attics
- Man caves, hobby rooms, collectible rooms

OPTIONAL ACCESSORIES & ADD-ONS*

- **Additional 10' Rope Sensor Lengths** – Up to 100 total feet of sensor rope (10 lengths) may be connected to a single RS-094-MK1 Receiver box. *P/N RSA-175-010*
- **Wired Sensor Pucks** – Up to 5 additional sensors can be wired to a single RS-094-MK1 Receiver box for a wider area of leak detection. *P/N RSA-100-XXX – see website for options*
- **Auto Dialer** – A convenient, low-cost add-on to send and receive automatic alerts whenever your FloodMaster system identifies a fault condition. *P/N RSA-600-003*

CSA TIL-MSE-50 and UL ANSI 61 Annex G Approved Actuator and Valve.

MA Board of Registration of Plumbers Approval from 10/05/2016 – 10/05/2019 Code # P1-1016-118.

RDT recommends that installations be completed by a licensed plumber to ensure that all local code requirements are followed.

ORDERING INFORMATION

Valve Size	P/N	UPC
3/4"	RS-094-3/4-MK1	857640005700

Patent #6,035,699



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