



Water Heater Leak Detection + Automatic Shut-Off System with Electrical Plug Interrupter

RS-094-MK4



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. The FloodMaster Water Heater Leak Alarm and Automatic Shut-Off System is ideal for minimizing water damage when these failures occur. This kit also includes a power-off relay module to kill electricity to the Water Heater Power Vent, as may be required by some local codes.

Simply install the FloodMaster valve to the feed water line for the water tank, plug the power off module into a 120V AC wall outlet and plug the Power Vent unit into the power off module. Place the sensor puck on the floor where the leaking water would first appear. When the sensor detects leaking water, the system will automatically shut off **both the water to the tank and electricity to the Power Vent**. An audible alarm will also sound. ***Installation of this device should only be performed by an appropriately licensed and certified installer.***

RS-094-MK4 SPECIFICATIONS

Plumbing:

Full port valve

Complies with U.S. EPA Safe Drinking Water Standards (NSF/ANSI 61 and 372)

Available in 3/4" valve size only

Electrical:

Plugs into standard 110V wall outlet

Transformer: 120V AC, cUL Listed

Power-Off Relay Module:

(RSA-600-001: Certified to CAN/CSA-C22.2 No. 61010-1-12)

Max Ratings:

Volts: 120V AC Amps: 12A

Frequency: 60 Hz

Relay Coil: 24V AC, 5 Watts

Cable Lengths:

Power Cord: 12'

Sensor Cable: 8'

(custom lengths also available)

Power-Off Relay Module: 12'

BENEFITS

- ☀ Lead-free NSF/ANSI 61 and 372 valve meets U.S. EPA Safe Drinking Water Standards
- Reduce or eliminate water damage and insurance claims
- **Shuts down electricity to the Power Vent to prevent potential further damage**
- Easy installation
- Additional wired sensors can easily be added to the system for a wider area of leak detection (P/N RSA-100-XXX)
- 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 (120V AC)
- 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*

- **Wired Sensor Pucks** – Up to 5 additional sensors can be wired to a single RS-094-MK4 Receiver box for a wider area of leak detection. P/N RSA-100-XXX – see website for options
- **Sensing Rope Kit** – The Sensing Rope is ideal for use with low tanks, or for room perimeter and sub-floor leak detection applications. P/N RSA-175-810
- **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

MA Board of Registration of Plumbers Approval 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-MK4	857640005687

Patent #6,035,699



Reliance Detection Technologies, LLC

RelianceDetection.com 888-771-4929

27 Business Park Drive, Branford, CT 06405

• Tel: 203-488-2684

• Fax: 203-481-5036

• info@RelianceDetection.com