



Water Heater Leak Detection + Automatic Shut-Off System for Plenum Spaces

RS-094-MK6



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. When tanks are in the space between the structural ceiling and the dropped ceiling, the scale of the damage from an undetected leak can be even greater. FloodMaster's RS-094-MK6 Water Heater Leak Alarm and Automatic Shut-Off Kit with step-down transformer and plenum-rated wires is ideal for minimizing water damage when these failures occur in plenum spaces.

Simply install the FloodMaster valve to the feed water line for the water tank and place the sensor puck on, under or near the tank, in a pan near the pressure relief valve drain tube or in a position where the leaking water would first accumulate. Wire the actuator to the provided step-down transformer (120, 208 or 240 VAC to 24 VAC) for power. When the FloodMaster 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.

RS-094-MK6 SPECIFICATIONS

Plumbing:

Full port valve

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

Available in 1/2", 3/4", 1" and 1-1/4" sizes

Cable Lengths:

Transformer Cable: 12'

Sensor Cable: 8'
(custom lengths also available)

Output Signal:

Connects to home security panel

Control secondary system with appropriate relay

SPDT relay output control

Use standard alarm wire

Transformer: 120, 208 or 240 VAC to 24 VAC with mounting plate

ORDERING INFORMATION

Valve Size	P/N	UPC
1/2"	RS-094-1/2-MK6	857640005960
3/4"	RS-094-3/4-MK6	857640005724
1"	RS-094-1-MK6	857640005977
1-1/4"	RS-094-1-1/4-MK6	857640005984

Patent #6,035,699

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
- 120, 208 or 240V to 24V step-down transformer provided; plenum-rated wire provided to sensor and step-down transformer
- Easy installation
- System is reusable – when the alarm sounds, fix the issue and reset for continued protection
- Made entirely of corrosion-free materials
- Unit can interface with a home security alarm system or appropriate relay
- Full port valve

Typical Installations

- Commercial buildings
- Drop-ceiling plenums
- Attic tanks

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.



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