

DESCRIPTION

Plenum rated smart motorized water shutoff valve for automatic leak protection and remote isolation

Fast-acting electric actuator with remote open/close control via LOKS platform or compatible smart systems

Smartphone app available for iOS and Android that provides the following:

- Proactive maintenance alerts (e.g. leak event, pressure anomalies, valve status)
- Remote water control (home, away, or sleep modes)
- Real-time open/close status and monitor water usage
- Set system modes (home, away, sleep)
- See water consumption trends, pressure, and temperature readings
- Run manual leak detection tests and “Health Checks”

STANDARDS

- Smart Home Water Security System third party certified by: IAPMO IGC-349-2017 and all applicable requirements referenced therein
- UL 1951, CSA C22.2 No. 14 and 68
- Certified to NSF 61/9 and 372
- Third party certified to meet FCC parts 15 Class B (power adapter)
- Third party certified to meet Industry Canada RSS-210
- UL 60730, UL 1310, CSA C22.2 No. 223, EN 60950
- UL 1951, CSA C22.2 No. 68, CSA C22.2 No. 14
- FCC ID: PUE91R-000 to CFR 47 Part 15 Subpart C
- IPX5 (protection from sprayed jets of water)

- Works with Amazon Alexa, Google Assistant, IFTTT and Control4
- Plenum-rated cable and materials for commercial, multi-family, and hotel installations
- Lead-free wetted path (copper/brass body)
- Compact form factor ideal for unit, riser, zone, or mechanical room isolation
- Manual override capability for service and emergency use
- Designed to pair with LOKS LeakSense sensors for automatic shutoff within seconds of detection

FLOW

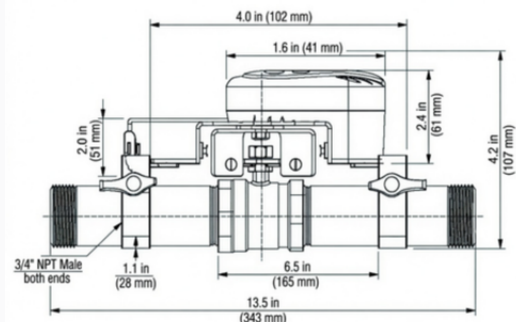
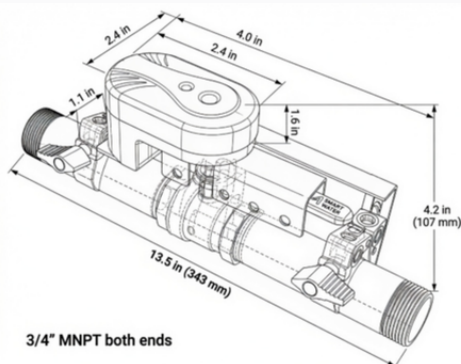
Maximum operating pressure of 200 psi (application dependent)

WARRANTY

LOKSCO warrants that the product will be free from defects in materials and workmanship for a period of one (1) year from the date of delivery following the original retail purchase. Extended product warranty available through FloProtect plan.

Installation Notes

- All installation and filtration components to be field-provided.
- Must be installed on accessible main water supply line (cold water line) that is ¾ inch or 1 inch diameter (can be installed on 1.25 inch diameter or smaller).
- Must be installed after water meter, water shut-off, and pressure regulating valve (if applicable).
- Power supply and device must not be installed where the ambient temperature can exceed 140 °F (60 °C) or below 34 °F (1 °C).
- Requires electrical outlet (110–240VAC–50/60 Hz) with continuous power within 10 feet of device.
- Requires WiFi network (WLAN connectivity IEEE 802.11b/g/n, 2.4 GHz range).
- Smartphone (iPhone or Android) with install app required.



DESCRIPTION

LeakSense is a smart home / multi-dwelling water detector kit designed to catch water events early around fixtures, mechanical closets, under sinks, water heaters, and other high-risk points. Each sensor continuously monitors moisture (at the device base or via remote sensing disc), humidity (0–100% RH), and ambient room temperature. The kit provides local audible alarming and LED indication, and can be paired with the FlowGuard Shutoff Valve to enable automatic main or zone water shutoff when a leak is detected.

OPERATION

Can be used as a standalone detector or in conjunction with the FlowGuard Shutoff Valve to trigger automatic water shutoff to a home or unit if the detector senses moisture and a smart water shutoff is installed on the main water line (or zone).

- Wi-Fi enabled device for smartphone connectivity (WLAN / IEEE 802.11b/g/n, 2.4 GHz range).
- Smartphone app (system dependent) that provides customizable alerts for: Moisture Detection (base unit + remote sensing disc); Humidity Range 0–100% RH; Room Temperature 0 to 140 °F / -18 to 60 °C; Battery Level 0–100%.
- Automatic water shutoff feature: if a detector senses moisture, it can trigger the FlowGuard Shutoff Valve to close (when installed on the main or zone water supply line).
- Battery type: CR123A Lithium Cell (lasts up to 2 years, included with each detector).
- Operating Temperature Range: -20 to 140 °F / -29 to 60 °C.

STANDARDS

Third party certified to meet Industry Canada RSS-210 IC ID: 25926-920004. FCC ID: 2AU5H-920004 to CFR 47 Part 15 Subpart C. Plenum-rated materials for commercial installations. FCC Part 15 / ISED RSS (region dependent).

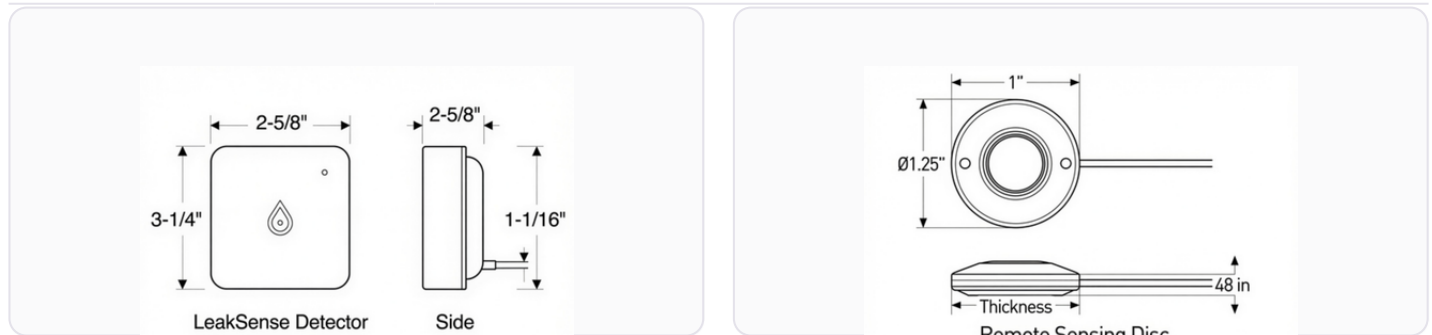
WARRANTY

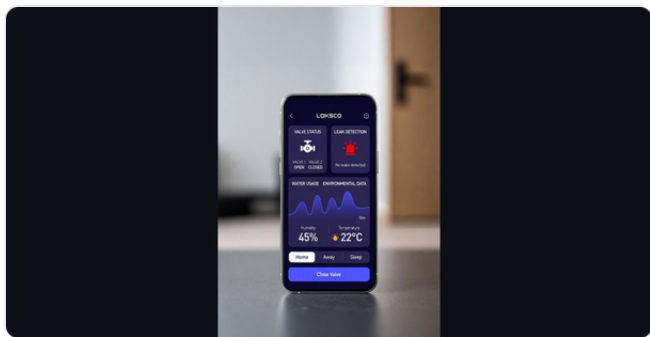
LOKSCO warrants that the product will be free from defects in materials and workmanship for a period of one (1) year from the date of delivery following the original retail purchase. *Supplier agrees to comply with all applicable laws and regulations when shipping the materials.

Installation Notes

- Detector can be placed directly on the floor without the wall mount base attached.
- With the wall mount base attached and the 48" (122 cm) remote sensing disc connected, the detector can be wall- or baseboard-mounted while the disc monitors hard-to-reach areas.
- Optional longer Leak Sensing Cable detects water at any point along the cable (multiple cables can be linked for extended coverage).
- All cable/jacket/materials are plenum-rated for routing through return-air plenums in commercial and multi-family projects.
- Kit includes full mounting hardware for flexible installation.

Kit Contents	3 × LeakSense sensors • 3 × CR123A batteries • 3 × remote sensing discs (48" cable each) • Mounting hardware
Alarm	Built-in audible siren + multi-color LED indication
Sensing	Moisture (base unit or remote disc) • Humidity 0–100% RH • Ambient temperature
Connectivity	2.4 GHz Wi-Fi (802.11 b/g/n) — system / app dependent
Power	CR123A lithium battery (per sensor) — up to 2-year typical life
Dimensions	(sensor) 3-1/4 in (H) × 2-5/8 in (W) × 1-1/16 in (depth off-wall)
Remote Sensing Disc	48 in (122 cm) cable standard; extendable with optional cables
Materials	Plenum-rated cable, jacket, and sensor housing materials





Smartphone App (iOS & Android)

- Remote open/close of FlowGuard
- Live leak, humidity, temp & battery
- Home / Away / Sleep modes
- Water usage trends & history
- Proactive maintenance alerts
- Manual Health Checks & tests
- Alexa, Google, IFTTT, Control4



Property Water Security Dashboard

- Bird's-eye view of all properties & units
- Real-time Healthy / Critical / Offline status
- Instant alerts with one-click resolve
- Unit-level flow, pressure, temp, consumption
- Threshold customization per location
- Multi-user roles & notification routing
- Ideal for owners, managers & maintenance

Why Property Teams Choose LOKSCO

- **Stop damage in seconds** — Automatic shutoff the moment LeakSense detects moisture.
- **Scale easily** — From single unit to entire portfolios with one dashboard.
- **Commercial ready** — Plenum-rated cables & materials for multi-family, hotels, and return-air plenums.
- **Lead-free + certified** — NSF 61/372, UL, FCC, IAPMO IGC-349, IPX5.
- **Service friendly** — Manual override, compact form factor, easy retrofit or new-build install.

FlowGuard



- Motorized ball valve, 3/4" or 1" MNPT
- Actuation ~12 seconds open/close
- Max operating pressure 200 psi
- Lead-free brass/copper wetted path
- Plenum-rated materials & cable
- Power 5 V DC 2 A (adapter)
- Operating temp 34–140 °F (1–60 °C)
- Manual override for service
- Instant pairing with LeakSense for auto-shutoff
- Full remote control via app & dashboard

LeakSense



- Kit: 3 sensors + 3 remote discs + batteries + hardware
- Moisture (base or remote disc) + humidity 0–100% RH + temp
- Local audible siren + multi-color LED
- CR123A lithium, up to 2-year life
- 48" (122 cm) remote sensing disc (extendable)
- Sensor size: 3-3/4" H x 2 5/8" W x 1-1/16" D
- Wi-Fi 2.4 GHz 802.11 b/g/n
- Operating -20 to 140 °F
- Plenum-rated for commercial install
- Triggers FlowGuard automatically on detection