



## Leak Defense System - PRODUCT SPECIFICATION SHEET

### Product Description:

The LDS-3 is an electronic water flow monitor and alarm system designed to detect leaks in water pipes, plumbing fixtures and water-using appliances. Monitor water flow 24/7 and set your time/flow parameters from the included wireless control panel or your mobile device with our free app.

**How it works:** If continuous water flow exceeds your pre-set limits, an alarm is triggered. If this occurs, you will receive a notification on your mobile device, an audible alarm will sound on the control panel and the water supply will be shut off, potentially preventing major water damage.

<b>Available sizes:</b>	3/4"	1"	1.25"	1.5"	2"	2.5"	3.0"
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Includes a lead-free brass motorized ball valve and Control Panel.

Model Number	Pipe Size	Dimensions (H x W x L)	Weight
LDS-3-075	3/4"	10" x 9" x 8"	6 lbs
LDS-3-100	1.0"	10" x 9" x 8"	7 lbs
LDS-3-125	1.25"	10" x 9" x 8"	8 lbs
LDS-3-150	1.5"	10" x 10" x 8"	9 lbs
LDS-3-200	2.0"	13" x 11" x 9"	12 lbs
LDS-3-250	2.5"	15" x 12" x 10"	18 lbs
LDS-3-300	3.0"	16" x 13" x 10"	24 lbs

### Product Features and Specifications

- Complete system includes:
  - 5-1/2" wide x 3-1/2" tall x 3/4" thick wireless touch-screen control panel
  - FREE Smart phone app
  - Motorized lead free brass ball valve with FNPT connections
  - Stainless Steel flow body with MNPT connection with flow sensors and electronics housed in an aluminum enclosure
- Compatible with all domestic cold water pipe systems
- Includes two different adjustable settings for protection while home or away
- Control panel allows the user to easily close the water valve to stop water flow at any time
- Can be linked to security and "Smart Home" systems



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# POLD-Point of Leak Detector

The Wireless Point of Leak Detector is a wireless method of monitoring locations that may be prone to water leaks.

## Product Features and Specifications:

- Black Box dimensions are 3.9" x 2.2" x 0.94"
- Adjustable 4.5" antenna
- Durable water-resistant plastic enclosure designed to be installed in a dry location
- Rear battery compartment
- Powered by two AAA batteries
- Unobstructed transmission range of approximately 100'



1. Insert AAA batteries into enclosure
2. Test the sensor by touching the two metal brads with water
3. The sensor should quietly beep
4. Clear the alarm by pressing the reset button inside the back panel for about 5 seconds
5. Replace the battery compartment cover and place sensor in desired location
6. Following an alarm notification, after resetting the sensor\*\*, determine that there isn't an active leak. Once you've confirmed that there is no leak, return to the control panel.
  - Press **RESET**

**NOTE\*\***When the POLD has alarmed, it cannot be reset remotely from the app. The reset button on the sensor must be held for 5 seconds and released before the alarm can be cancelled from the control panel and the app.

## **HOW TO ADD A POLD(s) TO A CONTROL PANEL:**

1. Remove the battery compartment door and insert two AAA batteries (included) being mindful of the polarity labeled in each battery bay.
2. From the Control Panel, tap on Droplet or navigate to ADJUST -> API's -> LEARN and enter the ID\*\* for each POLD individually before tapping the bar at the top where the number appears to save it and pressing LEARN again to add any additional sensors. Once all ID's have been entered and saved press MAIN in the bottom right corner to allow the Control Panel to finish pairing and reset.
3. Test each sensor's connectivity\*\*\* to the Control Panel by wetting your finger and touching both metal brads. This should cause the sensor to beep, Control Panel to alarm and a notification to be sent to your phone and/or email if you are registered and connected with the APP. To reset the alarm you must first hold the sensor's reset button for 5 seconds before resetting at the control panel.

**\*Connect the control panel to the local WiFi and register with the web app at [catchaleak.com](http://catchaleak.com) before continuing with setup. This is not required but will allow you to verify you are getting text and/or email notifications in the event of an alert if you wish to receive them.**

**\*\*The ID for each POLD will be 2100 plus the number located on a sticker found on the back of the sensor. For example: a POLD with a "1" sticker will have an ID of 2101.**

**\*\*\*If the sensor beeps but does not cause the Control Panel to alarm, remove one of the batteries and hold down the reset button until the LED begins to flash after putting the battery back in the sensor. Return to Step 2 and REMOVE the sensor from the list before re-LEARNING it.**