

Brita PRO by Protect Plus LLC
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Technical Support Hotline: (828) 449-2023

SYSTEM TYPE:

Whole House

CATEGORY:

Leak Secure

SYSTEM PARAMETERS:

Smart Leak Detection

+Automatic Shutoff

PART# BPLS-H20



PRODUCT FEATURES:

- A cutting-edge device, engineered for peace of mind.
- **Wifi and Bluetooth Enabled:** The valve can be closed from anywhere with automatic + remote water shut - and the LeakSecure™ app.
- **Quad-path Ultrasonic:** A precision ultrasonic flow rate sensor provides constant, accurate readings of the entire home's plumbing, down to barely detectable faucet drips.
- **Also monitors:**
 - ✓ Water pressure
 - ✓ Ambient temperature
 - ✓ Humidity levels
 - ✓ Water quality (TDS)
- **Easy Installation:** Vertical or horizontal mounting fits a range of water lines for compatibility in any home.
- **Superior Materials:** Professional grade components including a long-lasting stainless steel ball valve for dependable automatic water shut-off. All contained in a durable housing.
- **Shutoff Parameters:** Control the variables that trigger shutoff. Create exceptions unique to a home and avoid false positives.
- **IOS and Android App:** Receive a snapshot of water flow, temperature, pressure, and quality for a flawless user experience. "Close Valve" button at the users fingertips for instant remote water shutoff.
- **LeakTest:** LeakSecure™ performs a comprehensive health check of a home's water system, helping prevent costly leaks before they happen.
- **Water Usage Insights:** LeakSecure™ tracks a home's water usage patterns, resulting in more accurate leak detection. Historical data can be used to help conserve and save money.
- **Real-Time Notifications:** Near instant notification when water pressure, temperature, or humidity levels indicate a potential leak. Customizable parameters adjusted to user needs.
- **Autonomous Shutoff:** Water supply to the entire home can be shut off from anywhere with a single press of a button. LeakSecure™ can also be configured to shut off water autonomously on it's own in critical situations.
- **LeakSecure™ Has Users Covered:** Water damage is one of the top drivers of home insurance claims, so most insurance companies offer discounts to homeowners with leak detection and automatic + remote water shutoff.

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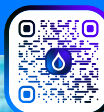
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SETTINGS GUIDE

YOU'VE COMPLETED YOUR ONBOARDING, NOW TAKE A MOMENT TO FAMILIARIZE YOURSELF WITH THE DEFAULT SETTINGS AND HOW TO TAILOR THEM TO YOUR NEEDS.

While your LeakSecure's default settings are a good start, we recommend early **active participation** as well. The goal is aligning the device settings and your home's water usage habits through **observation and corresponding adjustments**. This will increase awareness, confidence, control and ultimately the likelihood of **mitigating catastrophic water events**. Innovation is not an exact science but as we learn and **work together**, it can be. This is what it means to...

CONTROL YOUR WATER®



Home

This is what you think it is. Your home screen. You'll start here to choose your location (if you have more than one).



Notifications

This seems important because it is. All your device alerts ranging from "meh" to "OMG!" can be found here.

NAVIGATION



+ Add New

Tap this icon and navigate to the screen where you can add more devices: Another LeakSecure valve plus future product releases coming soon.



Account

Account screen where you can view account information, app version, appearance, EULA and your **Alert Settings**.



Help!

Need assistance? Simply tap the help icon to drop us a quick note and an actual human will respond in a timely manner.

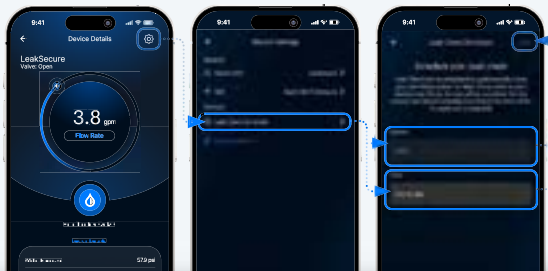
WHAT IS A LEAKTEST?

LeakTest is a daily scheduled test of your plumbing's water pressure (PSI). The valve is closed while the device measures for pressure loss. This is a key indicator of a leak or of water being in use.

For this reason, the default setting for LeakTest is 3:00am, when water use is not typical. The test takes 5 minutes to complete. You can edit this setting to whatever time you choose and to run daily or weekly.

COMMON REASONS FOR A FAILED LEAKTEST™

- Incidental water use
- Ice Maker
- Automatic Pool Filler
- Water Treatment & Filter Systems
- Humidifiers
- Actual Leak



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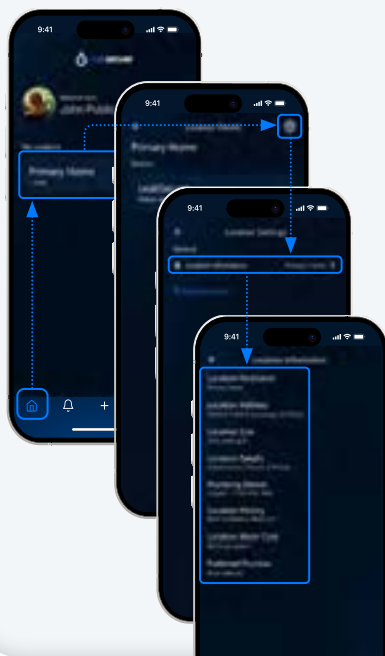
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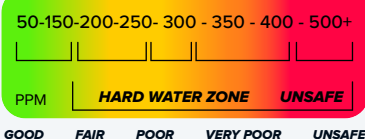
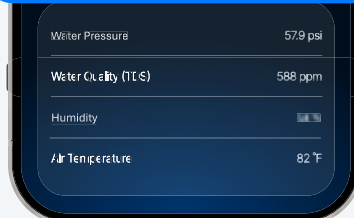
LOCATION INFORMATION

Need to edit your location info you provided while onboarding?

Simply navigate to the last screen shown here to edit any of your location details.



UNDERSTANDING TDS



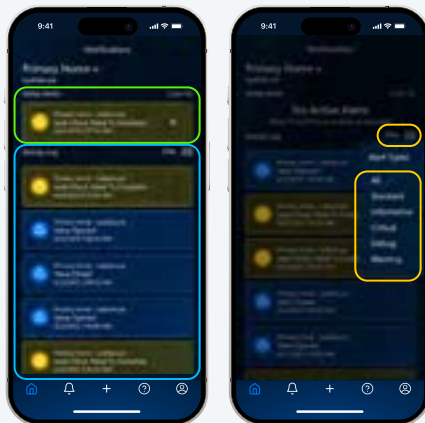
TOTAL DISSOLVED SOLIDS

The total concentration of dissolved organic and inorganic materials in your water – measured in PPM (parts per million).

LeakSecure is the only device of its kind available today that has a TDS sensor. What that means is your device is capable of providing you with a general indicator of your water's overall quality.

NOTIFICATION SCREEN

A SUMMARY OF THE NOTIFICATION SCREEN, WHAT IT DISPLAYS, HOW TO FILTER BY ALERT TYPE AND VIEW DETAILS ABOUT INDIVIDUAL ALERTS.



Active Alerts

Active Alerts are the most recent alerts you have not seen yet or have not cleared yet. Clear out Active Alerts by clicking the "X" or "Clear All".

Activity Log

A list of all previous alerts. Cleared alerts from the Active Alerts section are moved here when cleared. Click an alert to view additional details.

Activity Log Filter

Tapping the 'Filter' icon, brings up a popup with the list of alert types. 'All' is the default setting showing all alerts or view by alert type.



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ALERT SETTINGS

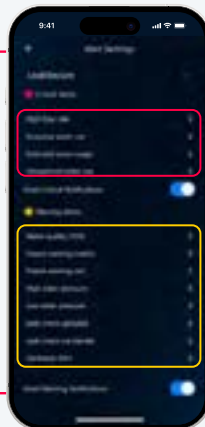
THE 'ALERT SETTINGS' SCREEN HOSTS THE ENTIRE SUITE OF ALERTS YOUR LEAKSECURE DEVICE HAS, TO VIEW AND/OR CUSTOMIZE.



THESE ALERTS ARE GROUPED IN 2 CATEGORIES:

CRITICAL ALERTS

Critical Alerts are capable of automatic shutoff when a setting threshold is exceeded. Automatic Shutoff can be enabled or disabled individually.



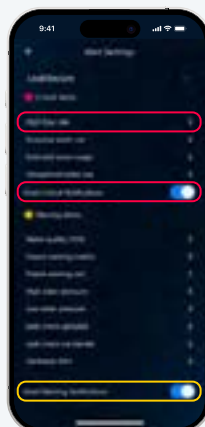
WARNING ALERTS

Warning Alerts only provide immediate notification to make sure the homeowner is informed. These alerts are generally less severe in nature, therefore not capable of automatic shutoff.

All alerts populate the Notification Screen in real-time and can be enabled to also send *email notifications.

*SMS push notifications to your device will launch via app update - providing a third method to receive these alert notifications.

EACH ALERT HAS MULTIPLE LEVELS OF CONFIGURATION:



Out of the box, 'High Flow Rate' is the only critical alert with Automatic Shutoff enabled. The time delay to 'zero'.

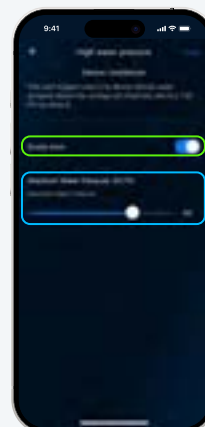
Enable or disable all Email Notifications at the category level.

Enable or disable all alerts individually

Set the threshold for each alert to trigger.

*Enable or disable automatic shutoff for each Critical Alert.

*The automatic shutoff has a time delay setting, allowing the user to time to react before shutoff begins.



*See more on this with visual guides in the 'Shutoff Parameters' section in the back page.



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SHUTOFF PARAMETERS

CUSTOMIZING YOUR SHUTOFF PARAMETERS

Having your water completely shut off without warning can be surprising. There may be a few choice four letter words to go along with that surprise if you happen to be showering.

Play an active role in managing this aspect of the device. A solid understanding the settings is a great way to avoid false positives while being protected.

Review the shutoff settings thoroughly and set them based on your preference. Send an email to control@leaksecure.com anytime for all questions you may have.

'High Flow Rate' has shutoff enabled by default.

It's your preference whether to enable the other 3 or leave them at the default setting.

Only 'Critical Alerts' have automatic shutoff capability.

However, you can close the valve and shutoff using the LeakSecure app anytime.

- ☒ **Enable/Disable Alert**
Toggle to enable or disable the Critical Alert entirely.

- ☐ **Adjust Settings**
Customize the setting's threshold to trigger an alert based on your home's unique needs

- ☐ **Enable/Disable Shutoff**
Toggle to enable or disable the Critical Alert's ability to shutoff the home's water.

- ☐ **Set Preferred Time Delay**
Here you can specify exactly how long the device will wait to shutoff water to the home when the Critical Alert is triggered.

