ReignAir ™
Quick Start Guide

reignrmc.com
833-467-3446

Thank you for purchasing ReignAir. Now you can be assured that your Water Pressure Relief Valves are fully operational 24/7. Automated messages will alert you to any water intrusion, allow you to manage your support staff in a more efficient manner and avoid costly spills or down time.

Required Tools

- #2 Phillips Head Screwdriver
- Adjustable Wrench

In the Box

- ReignGauge™ Controller
- Mounting Bracket
- Lithium Battery Pack
- Water Detection Sensor
- Pressure Sensor(Model RGAP-1001 Only)
- Reset Magnet
- Installation Guide

Note: Please follow all site safety guidelines before installing the equipment at your location.

Assemble the Unit

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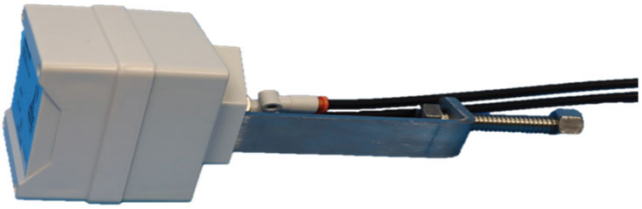
Attach the 2 sensors, included in your package. The sensors will only connect to the appropriate connector.



The mounting bracket will come attached to the sensor.

Screw the two sensors into the appropriate locations. Make sure not to cross thread the sensors and ensure that the sensors are securely seated in the fitting so that it has a tight fit.

Refer to Air Valve Manufacturer's instructions to ensure that the valve is isolated and all pressure has been relieved from valve before attaching bracket. After pressure has been relieved, remove one bolt from top flange and place through bracket reattaching to the flange. Ensure the bolt is tightened per the instructions of the Air Valve manufacturer.

Note the ReignGauge Controller is a cellular device. Please note that communications are affected when the controller is placed under metal. Call our support team at 1-833-467-3446 ext. 0 for assistance with optimum placement if your device is not communicating.

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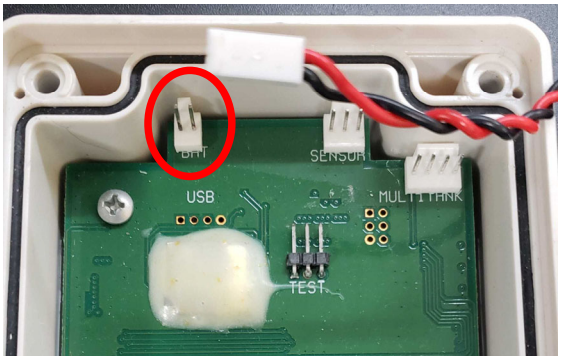
Install Batteries

The ReignGauge Controller will be delivered without batteries installed. Depending on the version of the ReignGauge you have you will either have a Battery Pack or Battery Cells with Capacitor. You will need to remove the 4 screws on top of the Reign Gauge to connect the batteries.



Battery Pack

For Battery Pack models you will plug the mating connector into the 2 Pin connector on the board. It will only go in one way.

Battery Cells/Capacitor

Note you cannot use regular D-Cell Batteries to power your Device. Only use Reign Approved Batteries and Packs. Call Reign at 833.467.3446 to order

Power Up the Device

To power up the device you will hold the included reset magnet over the “SWIPE TO SEND” area on the Controller, just until the Power LED turns green.

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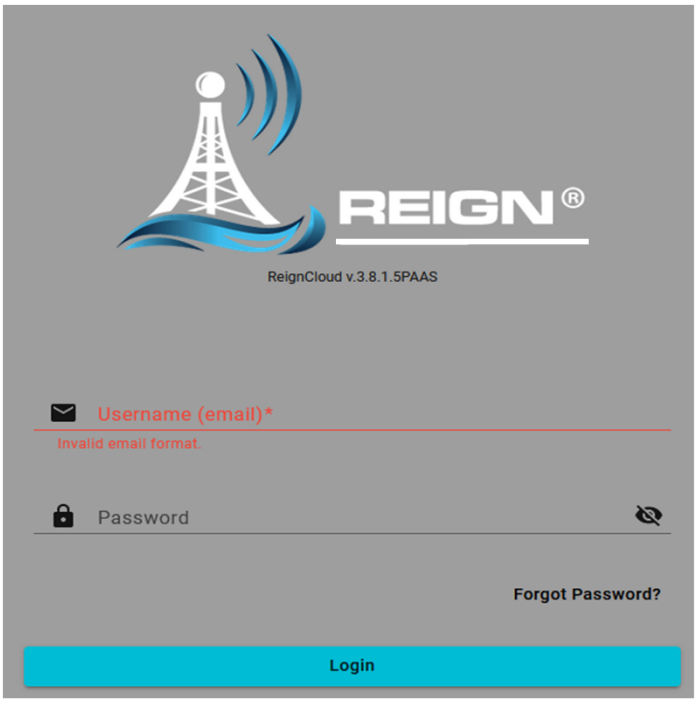
ReignGauge Light Sequence

1. **The ReignGauge Controller power light will power on within ten seconds of the initial magnet swipe**
2. **The Cell Link light will blink slowly (one per second) for 30-60 seconds**
3. **Then the Cell Link light will blink quickly (two times per second) for 30-60 seconds**
4. **The Cell Link light and the Power light will then power off showing the process is complete**
5. **If the Cell Link light flashes red 3 times the connection has failed**
6. **You can pass the magnet over the "SWIPE TO SEND" area again to retry the connection sequence**
7. **If the Controller does not connect after the second try, please Call 1-833-467-3446 ext. 0 or email us at support@reignrmc.com for assistance**

ReignCloud Activation

To access the information and alerts from your device, you will need to log in to your account through the ReignCloud application. Your login credentials will be sent to you once your account is set up after purchase. Upon completing your registration, your login and password will be provided via email. You can log in at reignrmc.net using the provided username and password.



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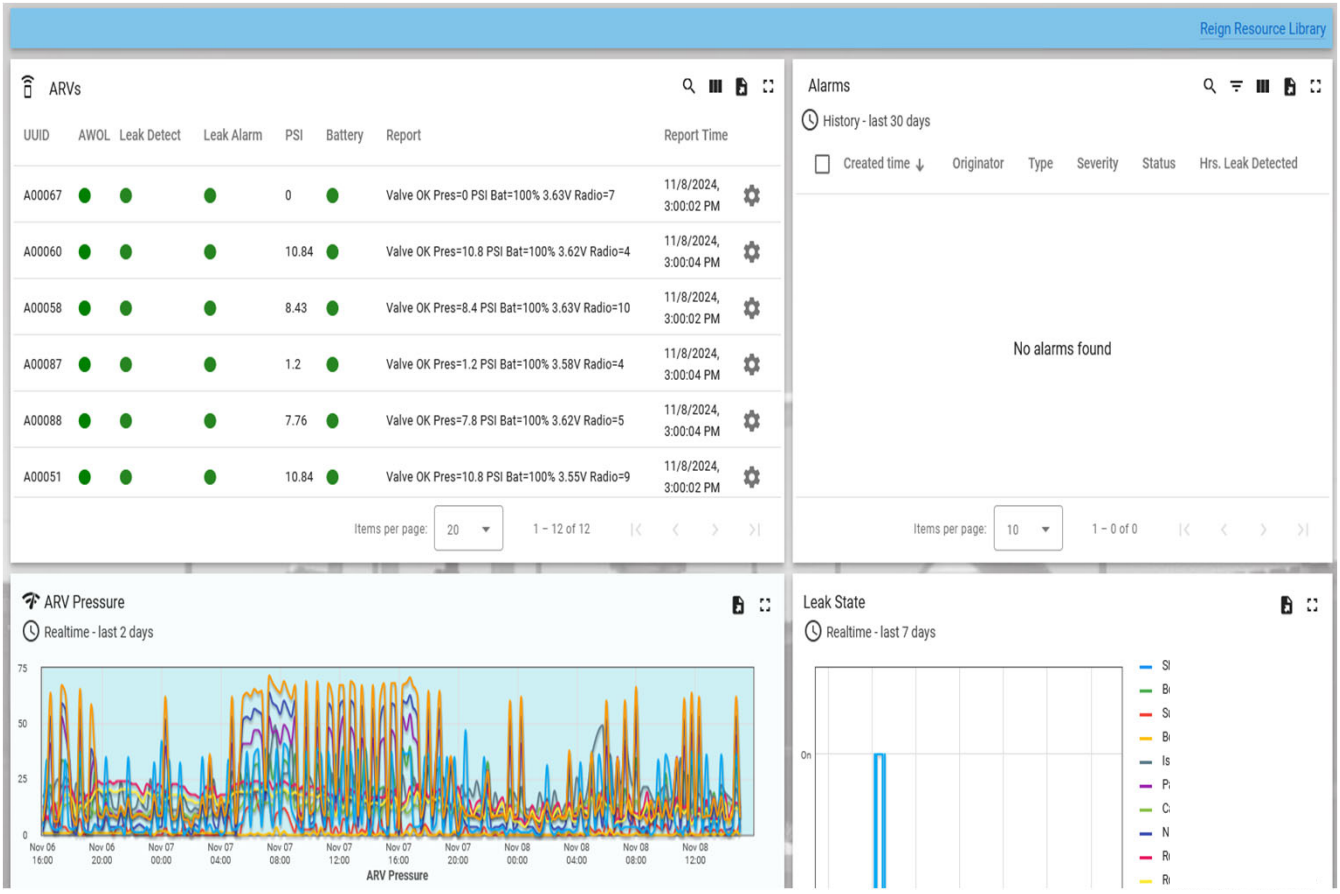
ReignCloud Dashboard



Your dashboard will be pre-configured and will resemble the example shown. Each section of your home screen will display essential information about your devices. You can customize your dashboard to prioritize the information that matters most to you. The Reign Support team is available to assist you in selecting the information you wish to view.

At the top right corner of the screen, you will find a link to all Reign Documentation. Feel free to use this link for detailed product information or to explore other Reign products.

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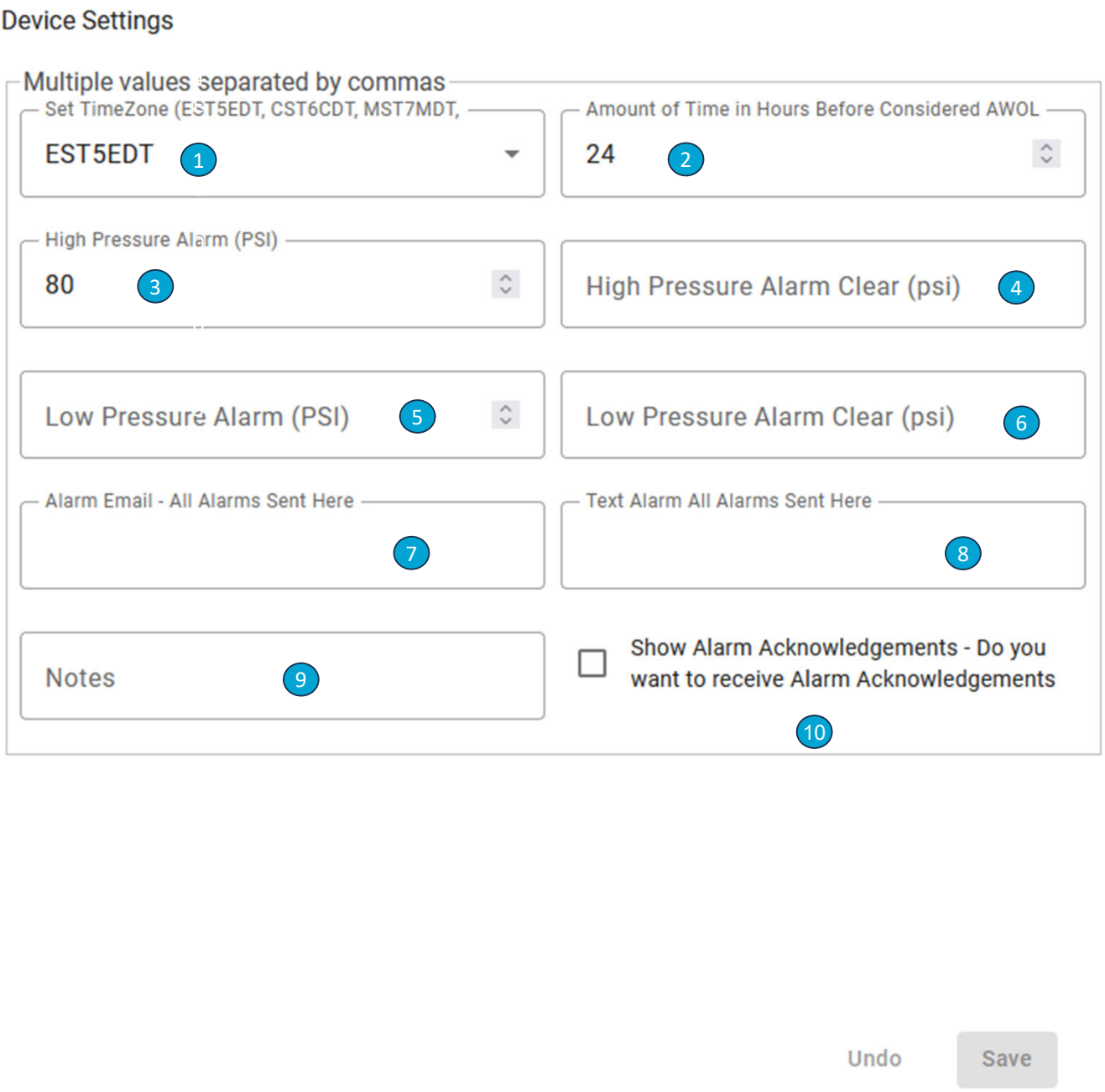
Setting Alerts

For Each of your ReignAir device you can specify High and Low Pressure alarm values and who will receive the alert if it happens.

Alerts can be sent in the following ways:
- Email
- Text
- Voice



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Settings Page Defined

1. **Time Zone:** Ensure that the Time Zone is set for each device. This setting determines how data is shown on your dashboard, ensuring the displayed information aligns with your expectations.
2. **AWOL:** This value is used to identify if your device is offline. Ensure that the number is set higher than your reporting interval. For example, if this value is set to 24, the system will change the AWOL flag to red if it has not received data from the device for more than 24 hours.
3. **High Pressure Alarm:** This value is used to compare against the latest device reading. If the incoming reading exceeds this number (psi), the alarm is triggered.
4. **High Pressure Alarm Clear:** This value is used for comparison against the latest device reading. If the incoming reading drops below this number (psi), the high-pressure alarm is cleared. This is particularly useful for preventing unnecessary alarms caused by fluctuating readings around a specific pressure. If your readings vary by 1 or 2 psi, set this value to be 5 psi lower than the Alarm Value to ensure that the issue has been fully resolved.
5. **Low Pressure Alarm:** This value is used to compare against the latest device reading. If the incoming reading is less than this number (psi), the alarm is triggered.
6. **Low Pressure Alarm Clear:** This value is used for comparison against the latest device reading. If the incoming reading is higher than this number (psi), the low-pressure alarm is cleared. This is particularly useful for preventing unnecessary alarms caused by fluctuating readings around a specific pressure. If your readings vary by 1 or 2 psi, set this value to be 5 psi higher than the Alarm Value to ensure that the issue has been fully resolved.
7. **Alarm Email List:** This field is used to enter the email recipients for any alarms generated. To send emails to multiple people you can enter each email followed by a comma. Note if you want to send different emails for different categories of alerts (for instance warning messages vs. critical alerts) contact Reign Support to set this up for you.
8. **Text Alarm List:** This field is used to enter the phone numbers for any alarms generated. To send text to multiple people you can enter each phone number followed by a comma. This field also provides for sending voice messages. To enable voice messaging simply add a V after each phone number you want to have a voice message sent to. Note… When the voice messaging also sends a Text message to the number. Each alert sent will generate a Text message and a voice message.
9. **Notes:** Use this field to enter any notes on this device. Reign Support may also add notes to this field.
10. **Acknowledgements:** When this checkbox is enabled, the resources defined on the email and text list will receive a message saying the Alert has been acknowledged, meaning someone is handling it, if the box is un-checked no messages will be sent when the alerts are acknowledged.

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