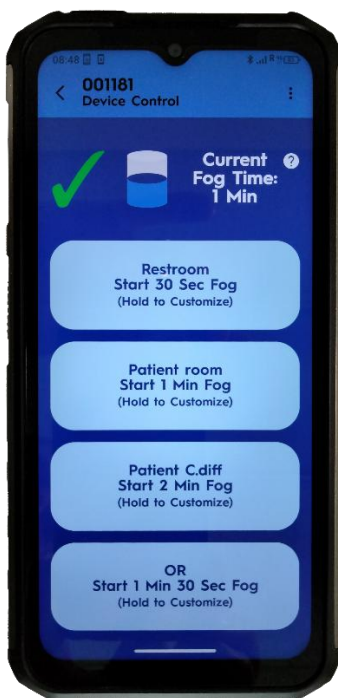




# User Manual

**Gen 2 Smart Controller (SKU: BB02-WC)**



# Manufacturer and Contact Information

Manufacturer: Breezy Med

Address: 317 Commercial St NE, Suite 102  
Albuquerque, NM 87102

For product information, sales, service, and technical support:

<https://breezymed.com/>

Customer Support Phone: (833) 273-3991

Email: [info@breezymed.com](mailto:info@breezymed.com)

This manual covers the model: Gen 2 Smart Controller (BB02-WC)

## SPECIFICATIONS:

Dimensions: 176.8 × 84.9 × 15 mm (6.96 x 3.34 x 0.59 inches)

Weight: 324 g (0.717 pounds)

USB: Type C

Wi-Fi: WLAN 802.11 a/b/g/n/ac 2.4GHz/5GHz

Bluetooth: Bluetooth 5.2

Splash, Water & Dust Resistant

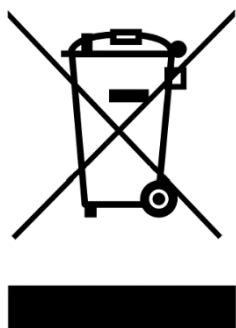
# Environmental Considerations

This section provides information about the environmental impact of the product.

## Product End-of-Life Handling

Observe the following guidelines when recycling an instrument or component:

**Equipment recycling.** Production of this device required the extraction and use of natural resources. The device may contain substances that could be harmful to the environment or human health if improperly handled at the product's end of life. To avoid the release of such substances into the environment and to reduce the use of natural resources, we encourage you to recycle this product in an appropriate system that will ensure that most of the materials are reused or recycled appropriately. It is recommended that this device be taken to a certified Waste Electronic and Electrical Equipment recycler.



Do not throw in trash at end of product life.

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# BB02-WC Breezy Smart Controller Setup

It is recommended that you charge the controller fully before use.

## Controller navigation overview

Basic controls are the same as an Android phone.



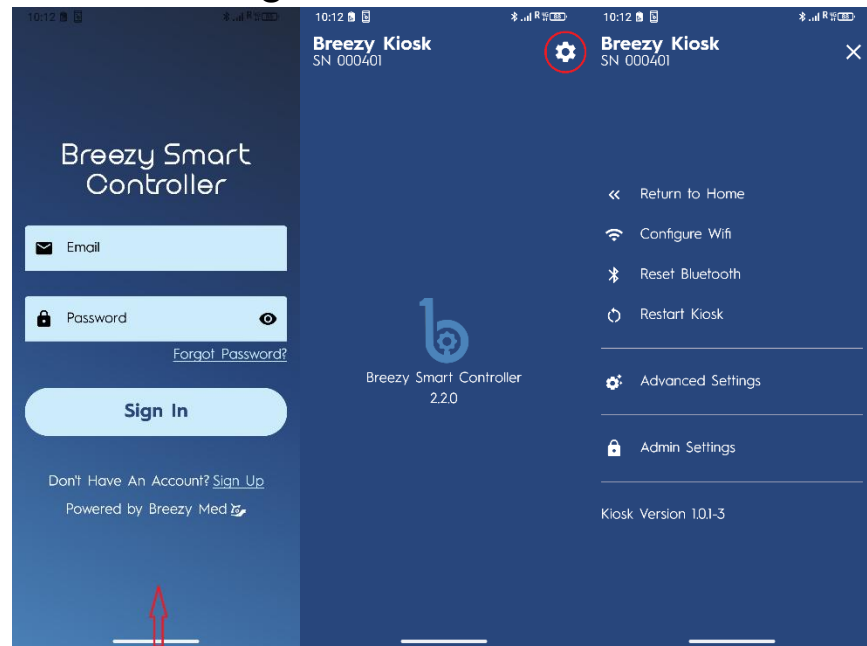
*Overview of Breezy Smart Controller device.*

1. Power Key – press *power key* & *Volume +* to restart controller
2. USB Connector – Plug in cable and power supply to charge device.
3. Gesture Navigation Bar – Used to navigate to home screen.
4. Volume -
5. Volume +

## Powering on controller

1. Power on the controller by pressing and holding the power key for 5 seconds until the controller vibrates and the screen turns on.

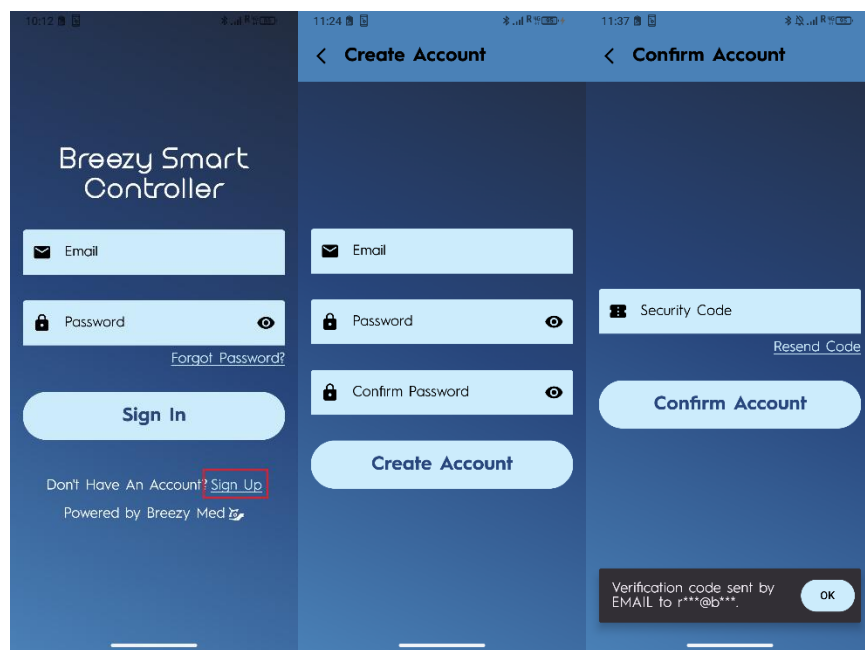
## General Controller Configuration



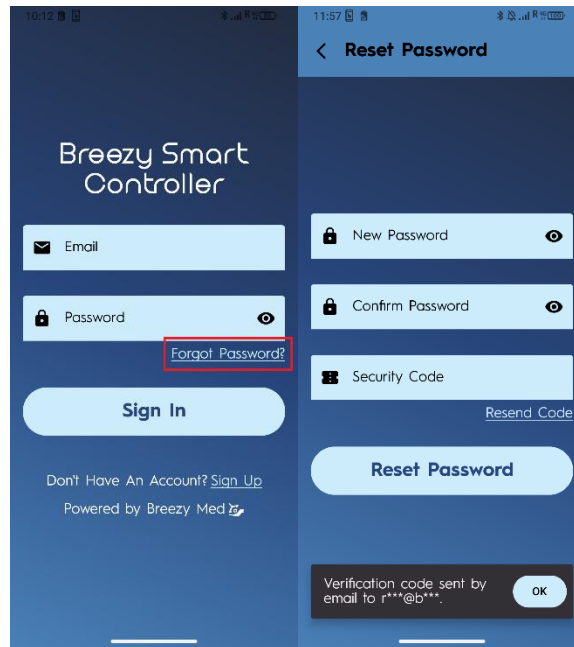
1. The controller will auto-launch to the login screen. Swipe up from the bottom of the screen to display the Breezy Kiosk screen.
2. To Configure the general settings on the controller (Wifi, Bluetooth, etc), press the gear logo on the Kiosk screen
3. Press *Configure Wifi* to connect to a Wifi network – only necessary if cellular connectivity is poor.
4. Press *Reset Bluetooth* to stop and restart the Bluetooth services – only necessary if the controller can't connect to a Breezy device
5. Press *Return to Home* to return to the main Breezy Kiosk screen. The login screen will auto launch after 10 seconds.

# Breezy Smart Controller App

## Log-in

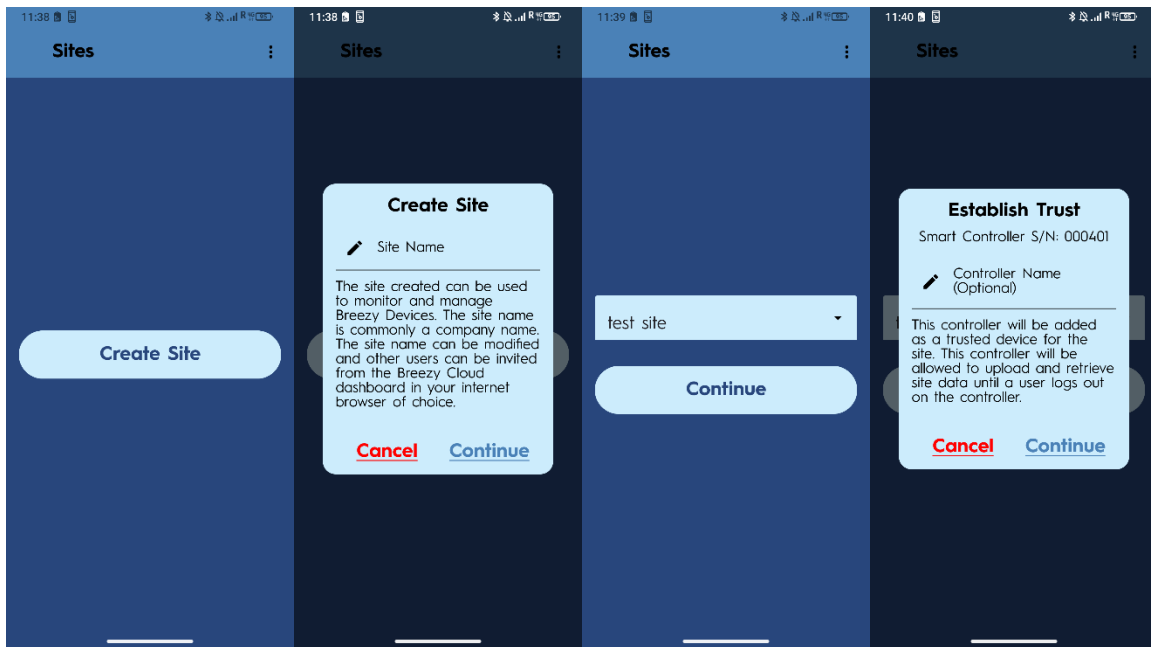


1. Tap the *Breezy Smart Controller* button on the Breezy Kiosk screen if the log-in page doesn't auto launch
2. Sign up for a new Breezy Med account or Sign In to an existing account. If *Sign Up* is selected, an email and a password will be required. One-time email verification will be required for the first sign in.



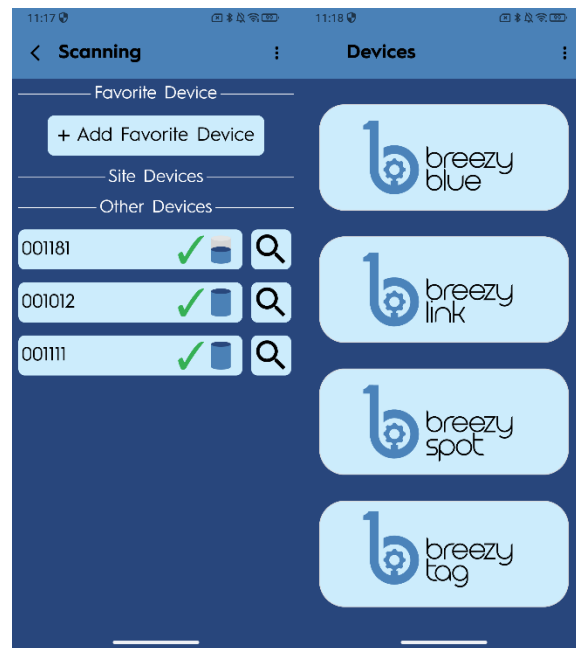
3. If an account already exists and the password needs to be reset, click enter user's email and tap *Forgot Password?*
4. A new password can be entered. A Security code will be sent to the user's email and will be required to reset the password





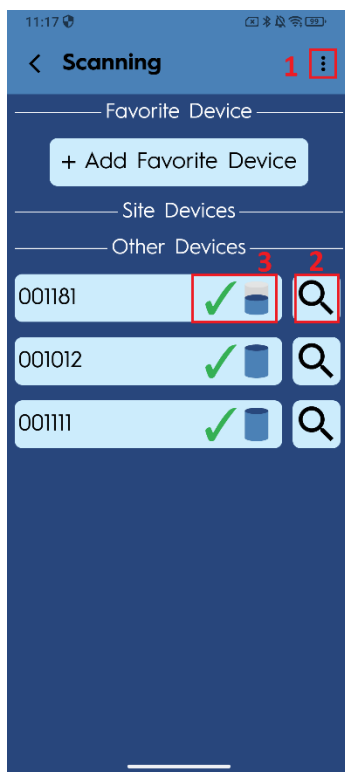
5. Once a new account has been created, new users will be prompted to create a site for all local Breezy devices or join an existing site if invited from an existing site administrator. If creating a new site, the site is commonly named after the company or building where the devices will be located.
6. Once the site is created and selected from the available drop-down menu, the user must add the controller to the site. Optionally enter a name for the controller (example: 2<sup>nd</sup> floor) then press continue.

## Devices Screen Overview



1. Once a user has logged in, the controller will display the Breezy Blue Scanning screen. Press the < icon to navigate to the Devices screen.
2. Press the *breezy blue*, *breezy link*, *breezy spot*, or *breezy tag* buttons to configure and control the respective devices.

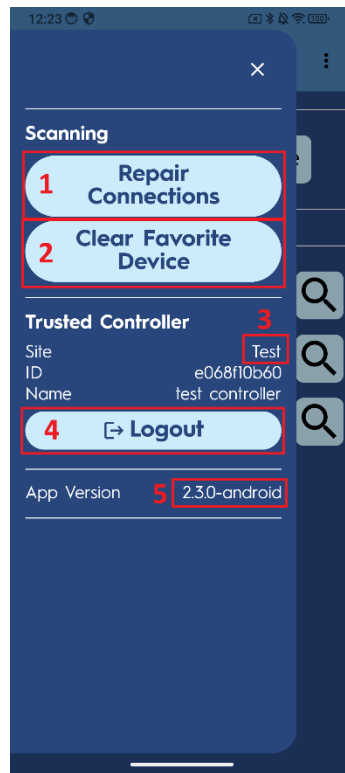
# Breezy Blue



Devices are shown under Site Devices or Other Devices. When a device has been connected to, it is moved to Site Devices. One device can also be added as a Favorite Device by pressing the + *Add Favorite Device* button. The favorite device will always be shown at the top of the screen. Devices can be removed from the Site devices list on the Breezy Cloud dashboard located at [Cloud.breezymed.com](https://Cloud.breezymed.com)

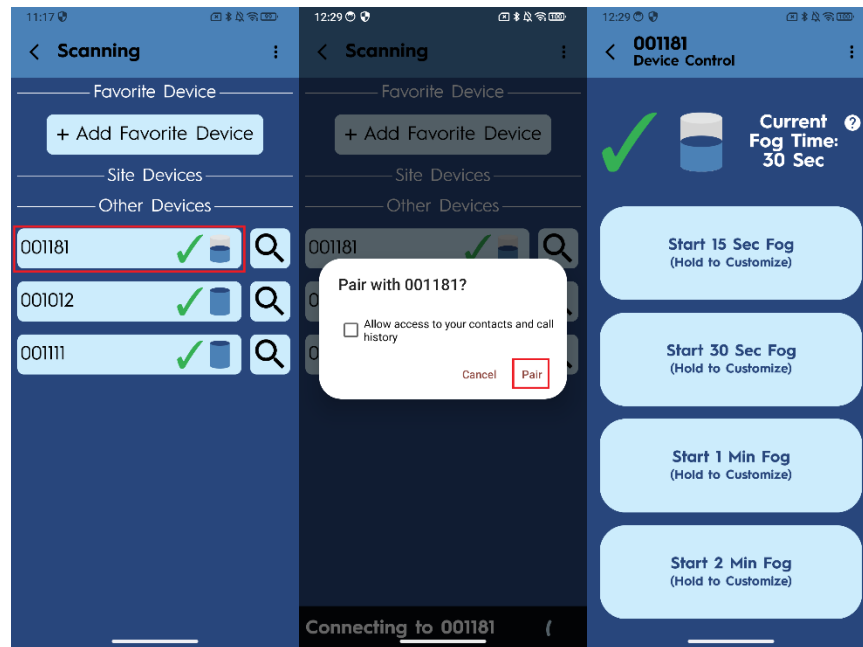
1. Menu button – Site and app information is available here. Bluetooth Connections can be refreshed by pressing the *Repair Connections* button.
2. Identify – Used to identify the device. Pressing this button will flash the Breezy Blue ring light Blue/Yellow for 5 seconds to Identify the device.
3. Breezy Blue status – The current device status and tank level.

## Menu Page Overview



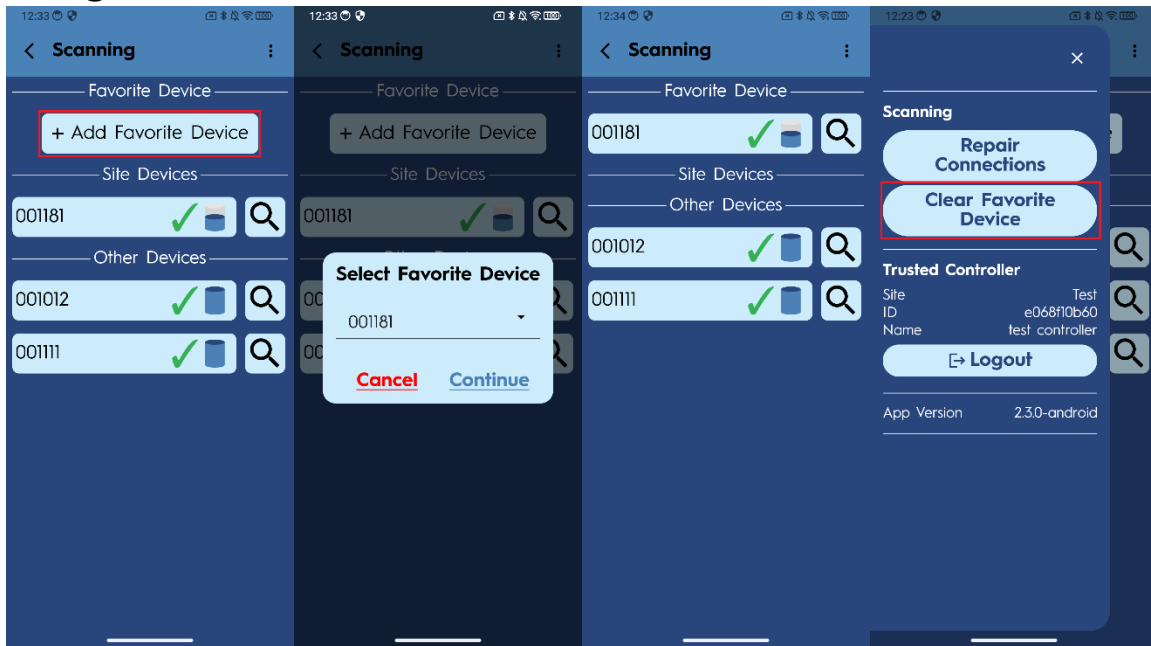
1. Repair Connections button – Button stops, then restarts Bluetooth scan. This is useful if the scanning list is not updating properly.
2. Clear Favorite Device button – Button clears device from the Favorite Device on the scanning screen.
3. Site information – The site the controller is currently associated with.
4. Logout button – Button logs user off the controller and removes the controller from the site.
5. App Version – The version of the currently installed app.

## Connecting to a device



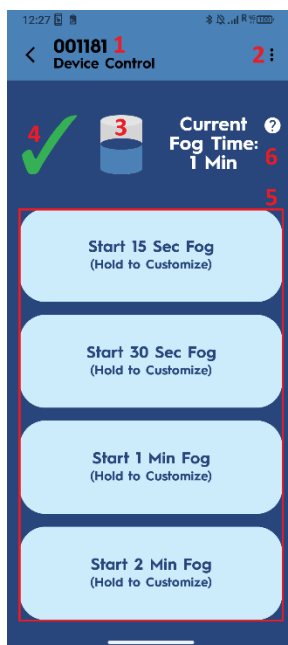
1. All the available devices are shown as a list on the scanning screen.
2. Select a device to connect to. For example, “001181”.
3. If the device hasn't been connected to previously, leave *Allow access to your contact and call history* unchecked and press *Pair* in the pop-up window.
4. Once paired, the device control page will load.

## Adding a Favorite



1. Once Connected to, the device will be shown as a site device on the scanning screen
2. On the scanning screen, press the + *Add Favorite Device* button
3. Select favorite device from drop down list
4. Favorite device will now show at the top of the screen.
5. A new favorite can be selected by pressing the menu icon on the scanning screen, then pressing the *Clear Favorite Device* button. A new favorite device can then be selected on the scanning screen

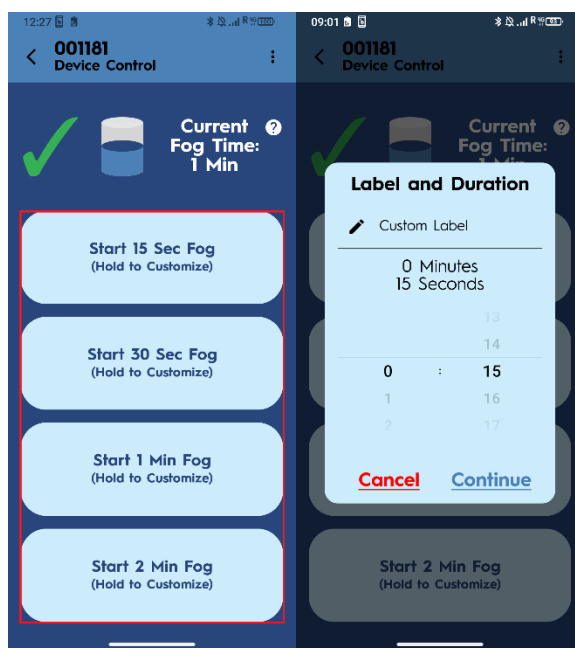
## Device Control Page



1. Device Name – The default name is configured as the Breezy Blue's serial number shown on the bottom label of the device. This can be renamed.
2. Device Menu Button – Opens the device menu with the options to view device and account information, edit or create a fogging schedule, rename the device, or change the Button mode setting.
3. Tank level – Shown in six increments (empty, 20%, 40%, 60%, 80%, and full). A red tank indicator is displayed when nearly empty. See the Breezy Blue User Manual for instructions on refilling the tank with Breezy Med approved solution.
4. Breezy Controller status Icon – This is associated with the status of the device. See the explanation of icons in Table 1.
5. Start Fog Buttons – Used to initiate a fogging event. Each Start Fog Button can be customized for name and fog duration.
6. Current Fog Time – Displays fog duration that will be used for push button or scheduled modes.

## Fog Time

Fog Time defines the amount of time Breezy Blue dispenses fog in the area.

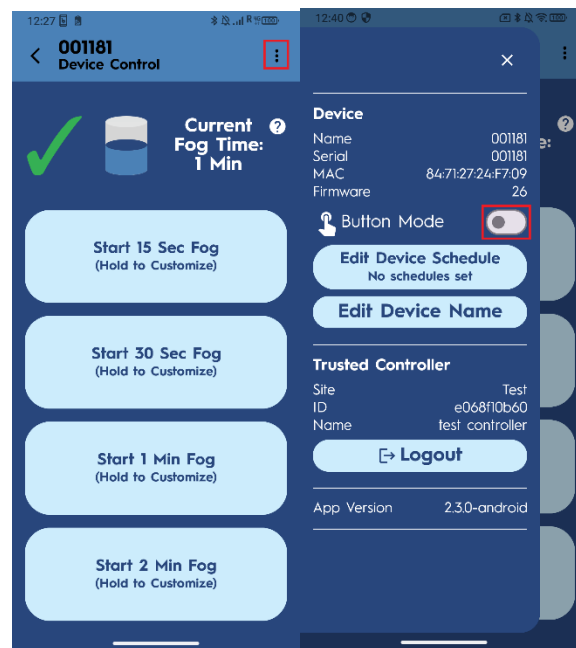


1. Fog Time is set to 30 seconds at the factory. It is updated each time a fog event is started from one of the 4 buttons to the time defined by the button. Note that when Breezy Blue is in the disabled state, the buttons are named *Set xx Sec Fog Time* instead of *Start xx Sec Fog Time*. Current Fog time is used by the push button and schedule modes and is shown next to the tank level icon.
2. A fogging time of up to 30 minutes can be configured by holding one of the 4 buttons on the device control screen until the controller vibrates then using the number scroll to select minutes and seconds. The button can optionally be named by entering text in the *Custom Label* field, then press *Continue*.
3. If the device is disabled, the new fog time is updated immediately in the Current Fog Time. If the device is in any other state, the Current Fog Time will be updated when a fog event has been started using that button.



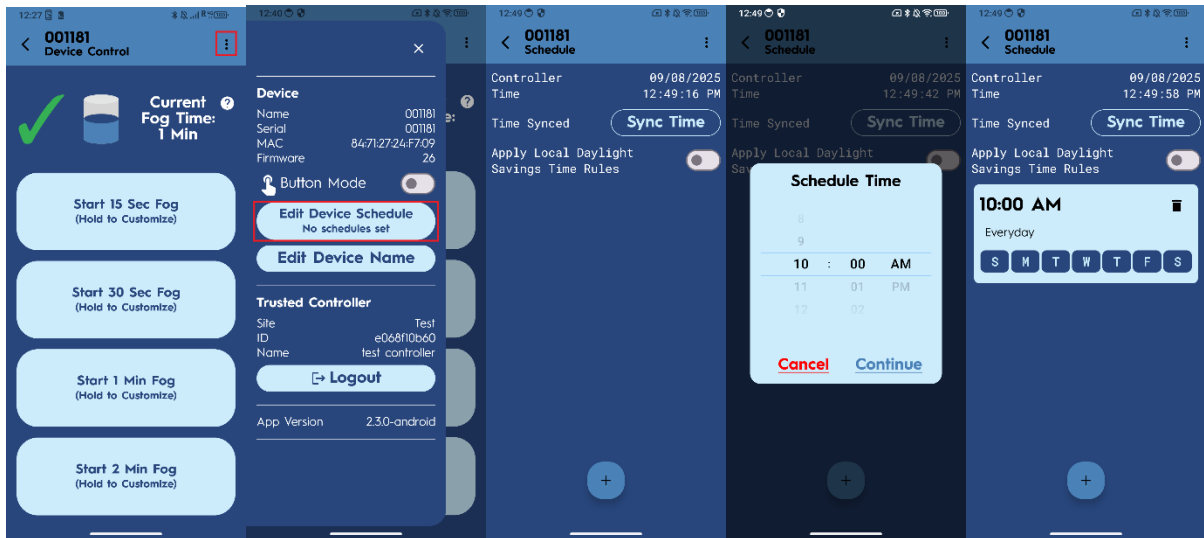
## Button Mode Slider

Enable the Button mode slider to allow Breezy Blue operation without a remote. Disable this slider for remote control and scheduled operation only – recommended for devices left in public areas. The Breezy Blue is factory configured with Button mode enabled – Breezy Blue begins fogging cycle when button is depressed.



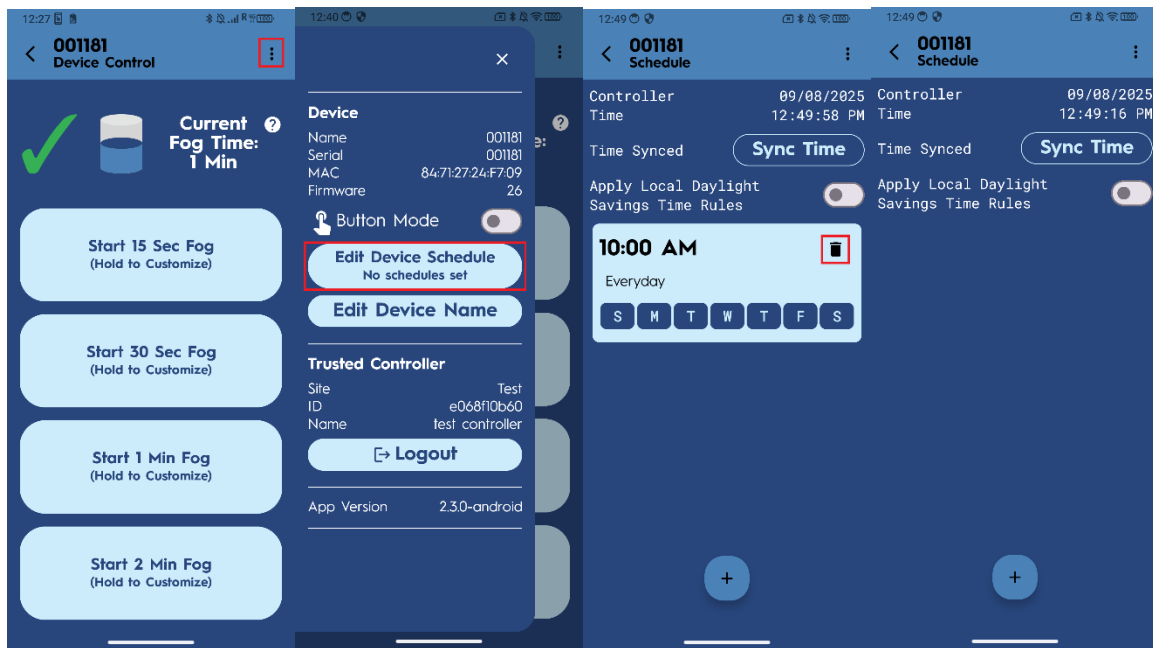
## Schedule Button

SCHEDULE Allows the operator to define a schedule for Breezy Blue to automatically fog up to ten repetitive occurrences.



1. Press the *Edit Device Schedule* button on the device after selecting the menu button.
2. Press the “+” button to add schedule.
3. Select the desired time of the day and press *CONTINUE*.
4. Select the days of the week the schedule should fog. All days of the week are selected by default.
5. Repeat steps 1 to 4 to schedule additional times for the Breezy Blue to fog.

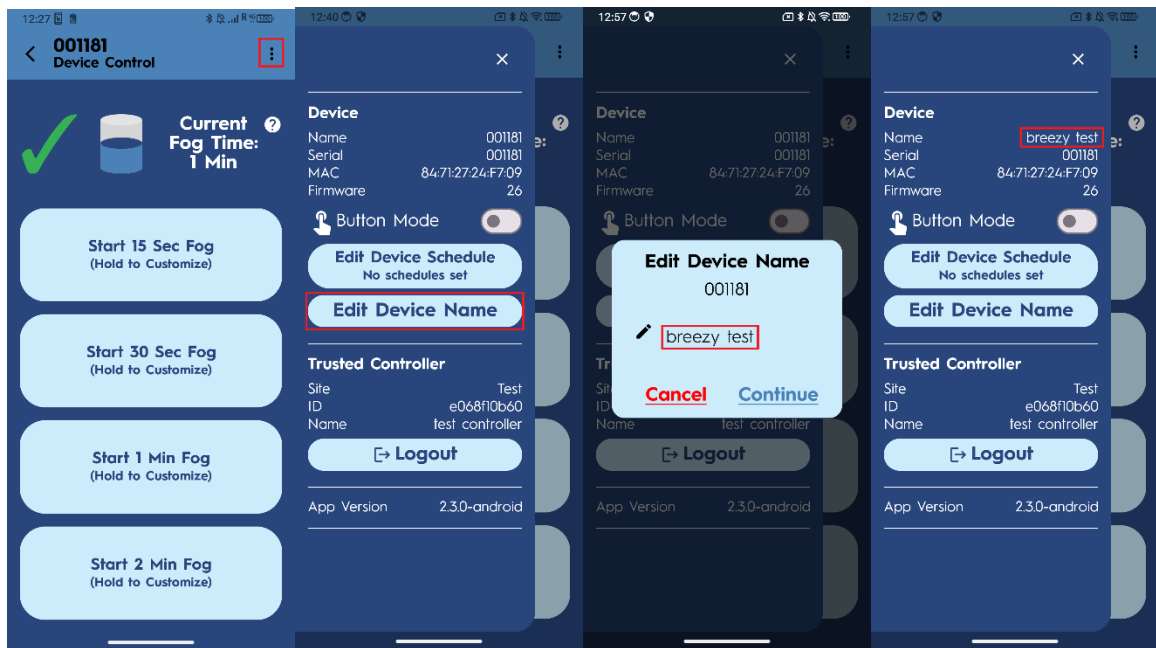
**DELETE SCHEDULE** Allows the operator to clear the existing schedule so Breezy Blue will no longer fog on a regular schedule.



1. On the menu page, press the *Edit Device Schedule* button
2. On the Schedule screen, press the delete icon.
3. The schedule will be deleted.

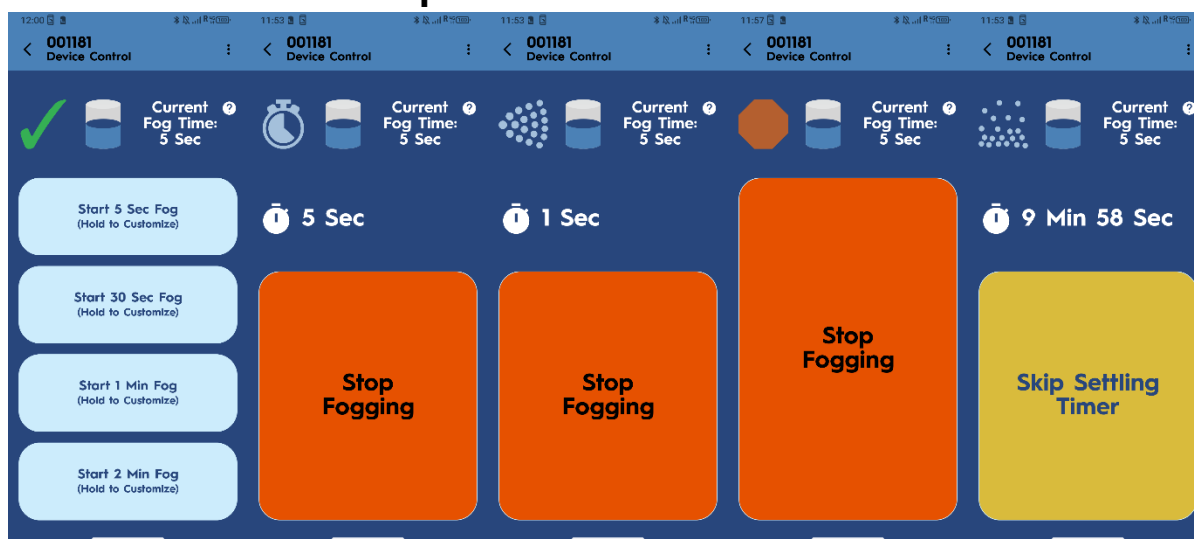
## Edit Device Name Button

Limited to 24 characters. (ex. Class 202, Firehouse 12, Casino 1st floor)



1. Press the menu button and press the *Edit Device Name* button to edit the name.
2. Type a new name in the text field.
3. Press the *Continue* button.
4. The new name will be shown as the device name – the new name will persist even when the device is not connected to the controller.

## Remote Controlled Operation



1. Press the desired fog time button of the four “Start xx Sec Fog” buttons.
2. A countdown of 7 seconds to fogging will initiate. The Breezy Blue waistband light will flash red, and there will be an audible warning to leave the area. Press the *Stop Fogging* button on the controller or the push button on the Breezy Blue to cancel the fogging event.
3. When the countdown ends, fogging will begin. The Breezy Blue waistband will turn solid red. Press the *Stop Fogging* button on the controller or the push button on the Breezy Blue to cancel the fogging event.
4. After fogging, the Breezy Blue device will enter a 10-minute fog settling time indicated by a flashing yellow light on the waistband. Press *Skip Settling Timer* to return Breezy Blue to ready to fog state if necessary.
5. When settling has completed, the Breezy Blue waistband will return to a blue color, and the controller will display the four fog time buttons. At this time, the area can be opened for ventilation, and the HVAC system can be turned on to prepare the area for re-entry.








## Viewing Fogging Logs

The Fogging logs from all the Breezy Blue devices at the site can be viewed at [Cloud.breezymed.com](https://cloud.breezymed.com)

Note: Fogging logs are only available up to the time of the last instance the controller opened the Device control screen for each Breezy Blue Device.

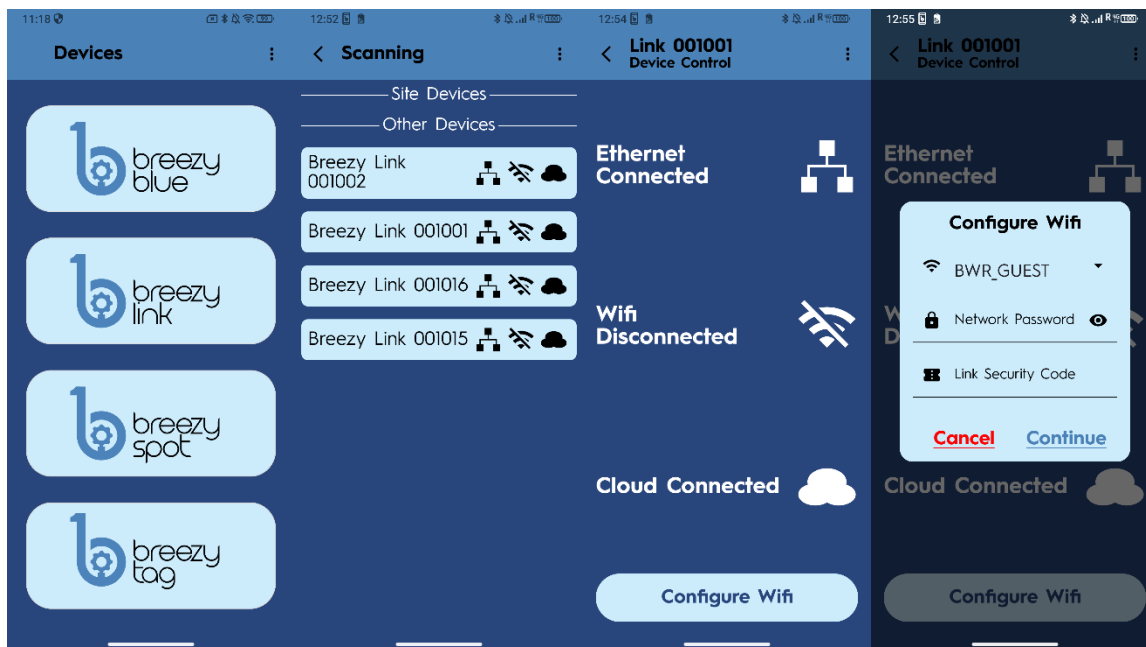
## Device Status Icons

Table 1: Device status icons

Status	LED Ring	Button LEDs	Audio	Status Icon	Breezy Controller Icon
Not currently seen by controller, but previously seen by controller	Any option below	Any Option below			
Idle + Enabled	Blue	Off		Ready to Fog	
Idle + Disabled	Yellow	Yellow		Disabled	
Fogging Countdown	Red, blinking	Red, blinking	[Beep] "Alert, disinfectant fogging will begin soon. Please leave the area or press the disable button."	Countdown	
Fogging	Red	Red		Fogging	
Fog Settling	Yellow, blinking	Off		Settling	
Firmware updating	White, then magenta	Off		Progress bar	
Error	Magenta, blinking	Off		Error	

# Breezy Link

Breezy Link Assistant offers Wi-Fi configuration for Breezy Link devices using a Bluetooth connection from the Smart Controller.

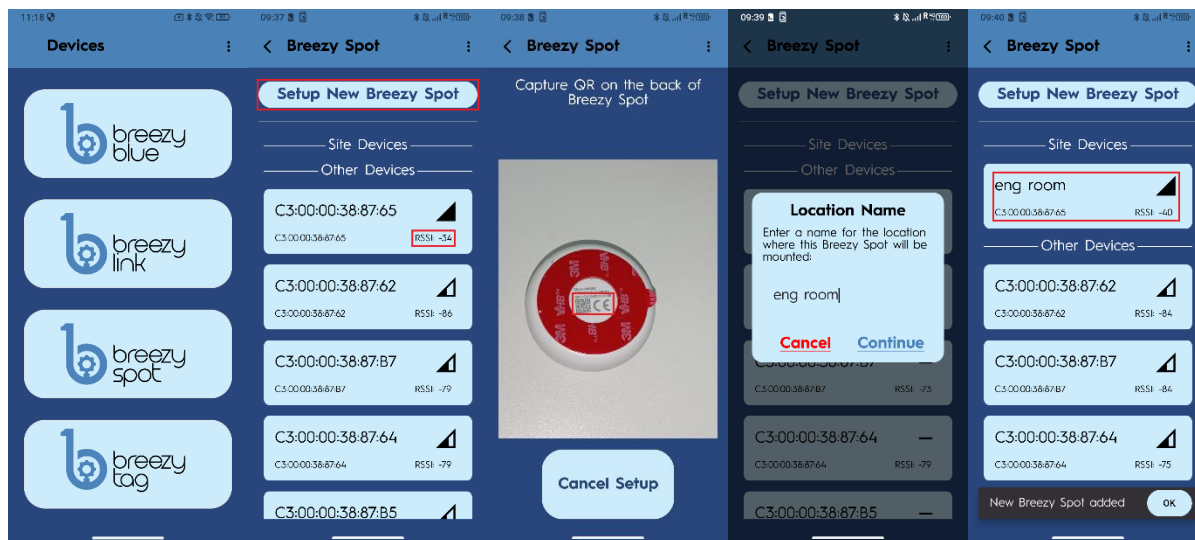


1. Tap the Breezy Link button on the devices screen.
2. A list of Breezy Link devices that can be configured will be displayed. Selecting one of the Link devices will open a notification requesting to pair to the device.
3. Once paired to the Breezy Link device a control page will be available. This page allows for Wi-Fi configuration of the Breezy Link to a network or disconnecting from the current Wi-Fi network.
4. When connecting to a Wi-Fi network, the network password and the security code printed on the Breezy Link label will need to be entered into the appropriate text fields.



# Breezy Spot

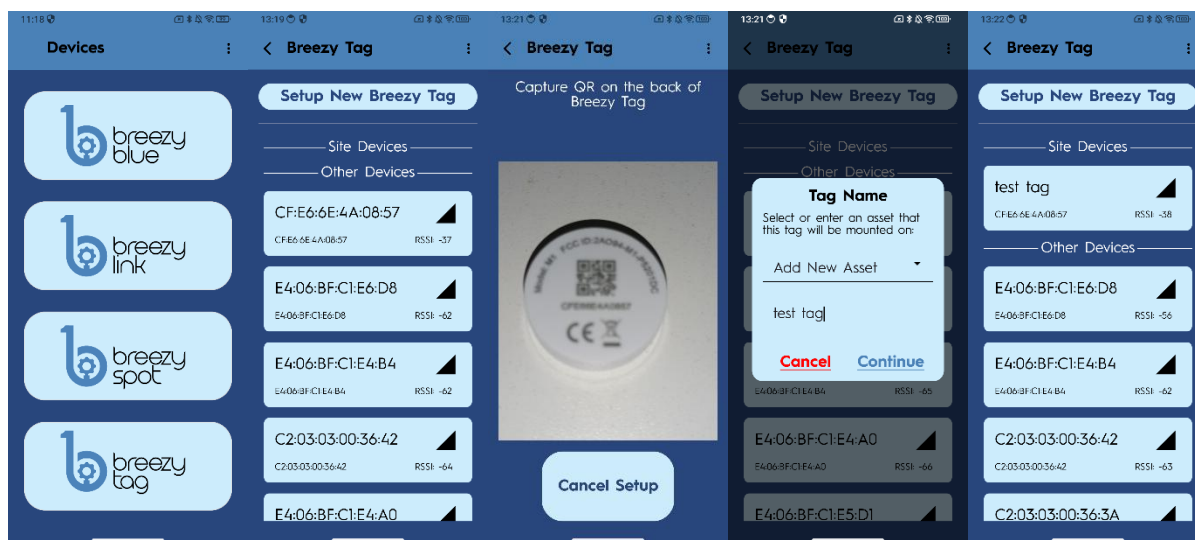
Breezy Spot Assistant allows Breezy Spot devices to be added to the site and configured.



1. Tap the Breezy Spot button on the devices screen.
2. When the controller is stationary, the list will be populated with Breezy Spot devices within Bluetooth range. If the controller is in contact with a Breezy Spot, that Breezy Spot will report a strong RSSI value (generally -30 to -55).
3. Tap the *Setup New Breezy Spot* button.
4. Using the camera on the rear of the controller, move the QR code on the bottom of the Breezy Spot into the image shown on the screen. When the QR code has been read, the camera will close. Move the controller closer and further from the QR code if you have issues reading the QR code.
5. Enter a name for the location (example: *Floor 2 room 100*) and press continue.
6. The Breezy Spot device will be shown in the Site devices and named with the location name,
7. Location names and Breezy spots associated with a location can be updated at [Cloud.breezymed.com](https://Cloud.breezymed.com)

# Breezy Tag

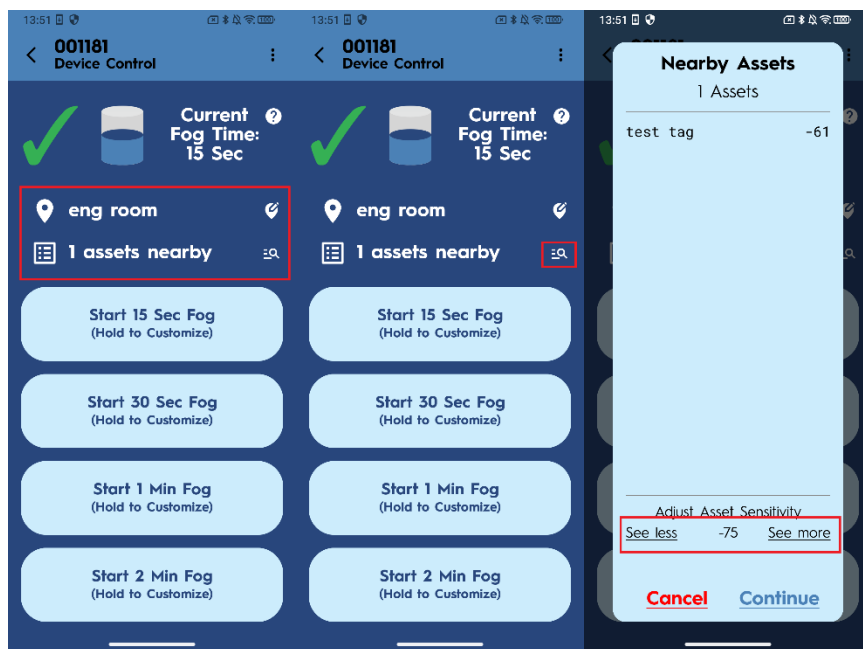
Breezy Tag Assistant allows Breezy Tag devices to be added to the site and configured.



1. Tap the Breezy Tag button on the devices screen.
2. When the controller is stationary, the list will be populated with Breezy Tag devices within Bluetooth range. If the controller is in contact with a Breezy Tag, that Breezy Tag will report a strong RSSI value (generally -30 to -55).
3. Tap the *Setup New Breezy Tag* button.
4. Using the camera on the rear of the controller, move the QR code on the bottom of the Breezy Tag into the image shown on the screen. When the QR code has been read, the camera will close. Move the controller closer and further from the QR code if you have issues reading the QR code.
5. Select an asset name from the dropdown list (asset list can be populated on Breezy Cloud dashboard) or enter a name for the asset (example: *Wheelchair 10*) and press continue.
6. The Breezy Tag device will be shown in the Site devices and named with the asset name,
7. Asset names and Breezy Tags associated with an asset can be updated at [Cloud.breezymed.com](https://cloud.breezymed.com)

# Fogging with location services

If a site includes Breezy Spots and Breezy Tags, the Breezy Blue device control provides information on location and assets in the area.



Note: Breezy location services will only log valid data if the Smart Controller is on the cart with Breezy Blue.

1. The nearest location is shown based on the strongest signal from the Breezy Spots in the area.
2. The number of assets nearby is shown based on the number of Breezy Tag devices seen by the controller with a signal stronger than the threshold for that location.
3. Pressing the magnifier icon shown above displays the detailed list of assets seen and their respective signal strengths.
4. To show more assets (for instance in a larger room), Press *See more* to adjust the Asset Sensitivity to a value such as -85. The updated Asset Sensitivity threshold will persist for that location.
5. Press *Continue* and proceed with fogging.
6. Details about the location and assets disinfected can be found on [Cloud.breezymed.com](https://cloud.breezymed.com)

# Troubleshooting

PROBLEM	POSSIBLE CAUSES	SOLUTION
Controller will not properly control a Breezy Blue device	Bluetooth pairing is not valid	Press Repair Connections button from menu on scanning screen
Controller shows “?” next to each Breezy Blue on list, or will not connect to a Breezy device	Controller display is not properly refreshing	Press the <i>Repair Connections</i> button in the breezy blue menu, or press the <i>Reset Bluetooth</i> button in the Kiosk settings screen
The controller will not update the kiosk or Breezy app to a newer version	Poor data connection or Kiosk has become unresponsive	Move to a location with a good data connection, or press the <i>Restart Kiosk</i> in the Kiosk setting screen

# LIMITED WARRANTY (USA/CANADA)

Breezy Med warrants that this product will be free from defects in materials and workmanship for a period of one (1) year from the date of shipment. If any such product proves defective during this warranty period, Breezy Med, at its option, either will repair the defective product without charge for parts and labor, or will provide a replacement in exchange for the defective product. Parts, modules and replacement products used by Breezy Med for warranty work may be new or reconditioned to like new performance. All replaced parts, modules and products become the property of Breezy Med.

In order to obtain service under this warranty, Customer must notify Breezy Med of the defect before the expiration of the warranty period and make suitable arrangements for the performance of service. Customer shall be responsible for packaging and shipping the defective product to the service center designated by Breezy Med, with shipping charges prepaid. Breezy Med shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Breezy Med service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations.

This warranty shall not apply to any defect, failure or damage caused by improper use or improper or inadequate maintenance and care. Breezy Med shall not be obligated to furnish service under this warranty a) to repair damage resulting from attempts by personnel other than Breezy Med representatives to install, repair or service the product; b) to repair damage resulting from improper use or connection to incompatible equipment; c) to repair any damage or malfunction caused by the use of non-Breezy Med supplies; or d) to service a product that has been modified or integrated with other products.

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