



Wi-Fi Adaptor



Installation and Specification Guide

PRODUCT DETAILS

CONNECTIVITY

The Wi-Fi Adaptor connects to your local Wi-Fi network if it operates on a 2.4GHz frequency. It will not be able to identify or connect to a 5GHz network.

Our mobile app's onboarding process allows you to view available Wi-Fi networks that your Wi-Fi Adaptor can connect to.

POWER SUPPLY

- A standard USB adaptor, supplying 5V, is compatible with our Wi-Fi adaptor.

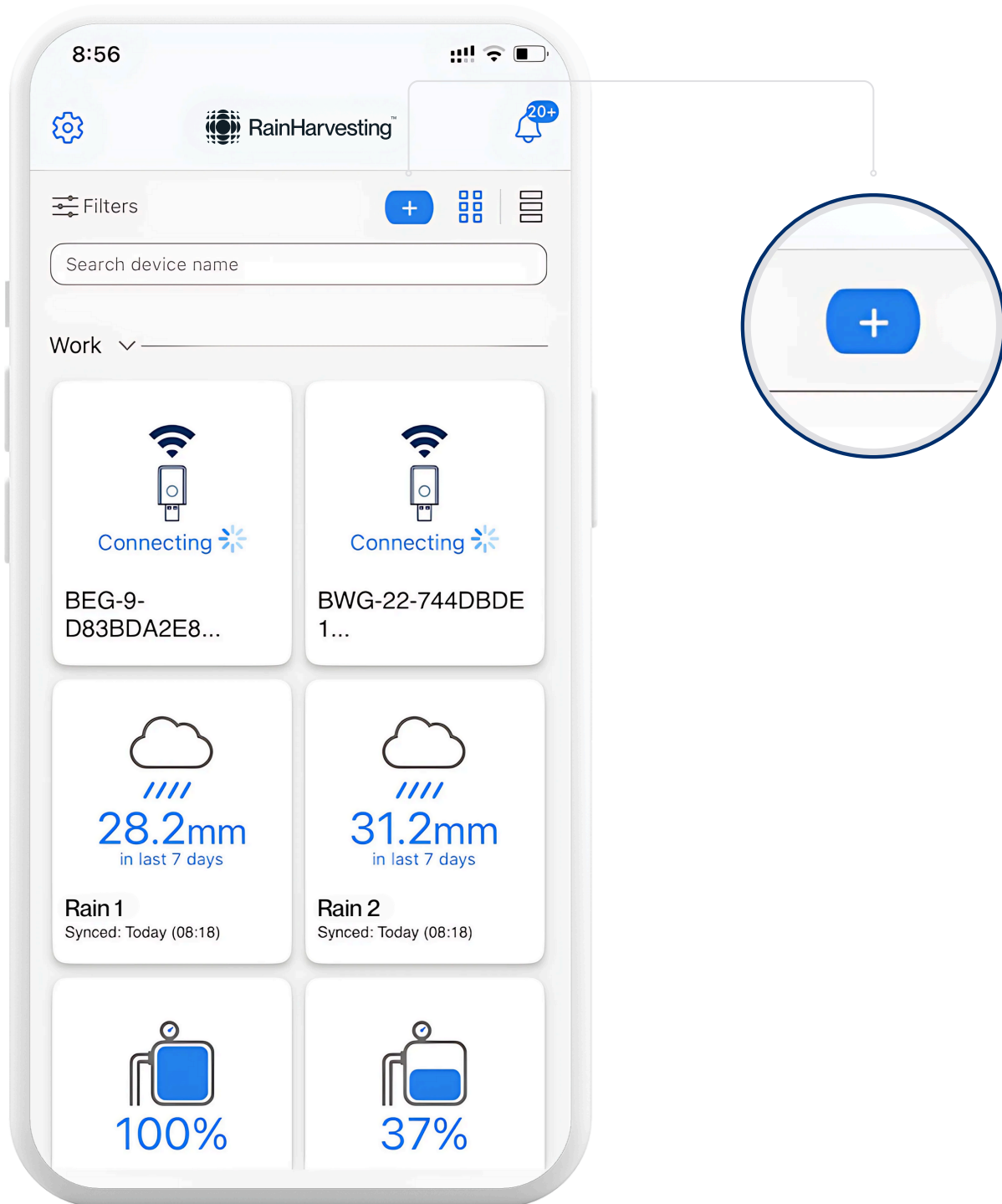
WHICH RAIN HARVESTING GAUGES ARE COMPATIBLE WITH THE WI-FI ADAPTOR?

- Wireless Tank Gauge Sigfox
 - Firmware version [1.0.5 or higher](#)
- Wireless Tank Gauge (Satellite)
 - Any firmware version
- Rain Gauge (Satellite)
 - Any firmware version
- Any NB-IoT gauge
 - Any firmware version

Wi-Fi Dongle Setup Guide

1 - ADD A NEW DEVICE

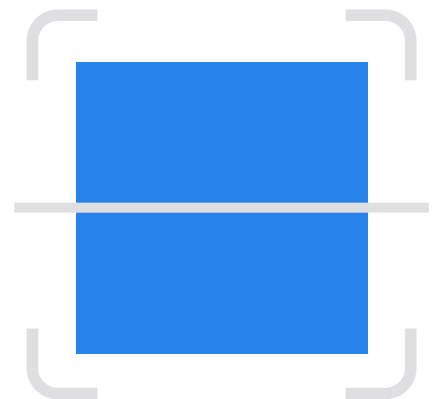
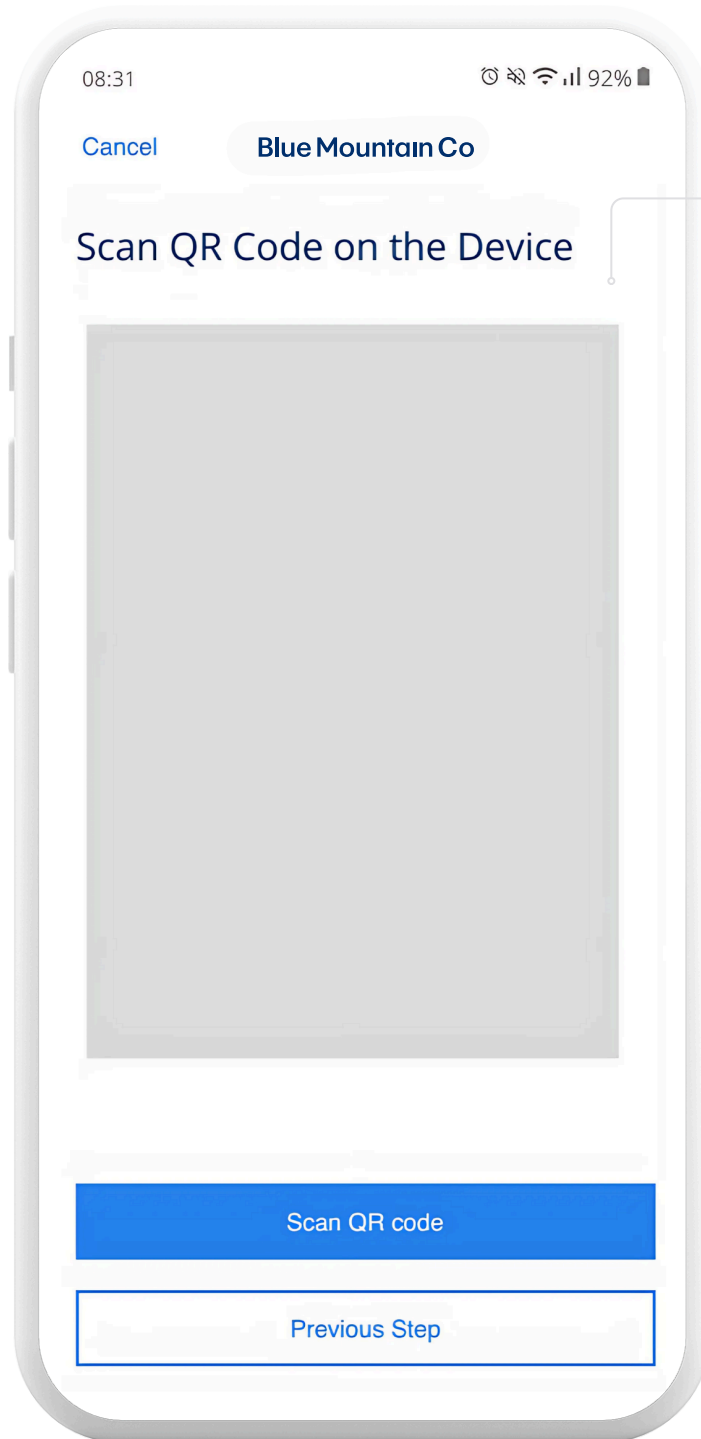
Click the "Plus" button, then choose your property and select a Wi-Fi adaptor device.



Wi-Fi Dongle Setup Guide

2 - SCAN THE WI-FI DONGLE QR CODE

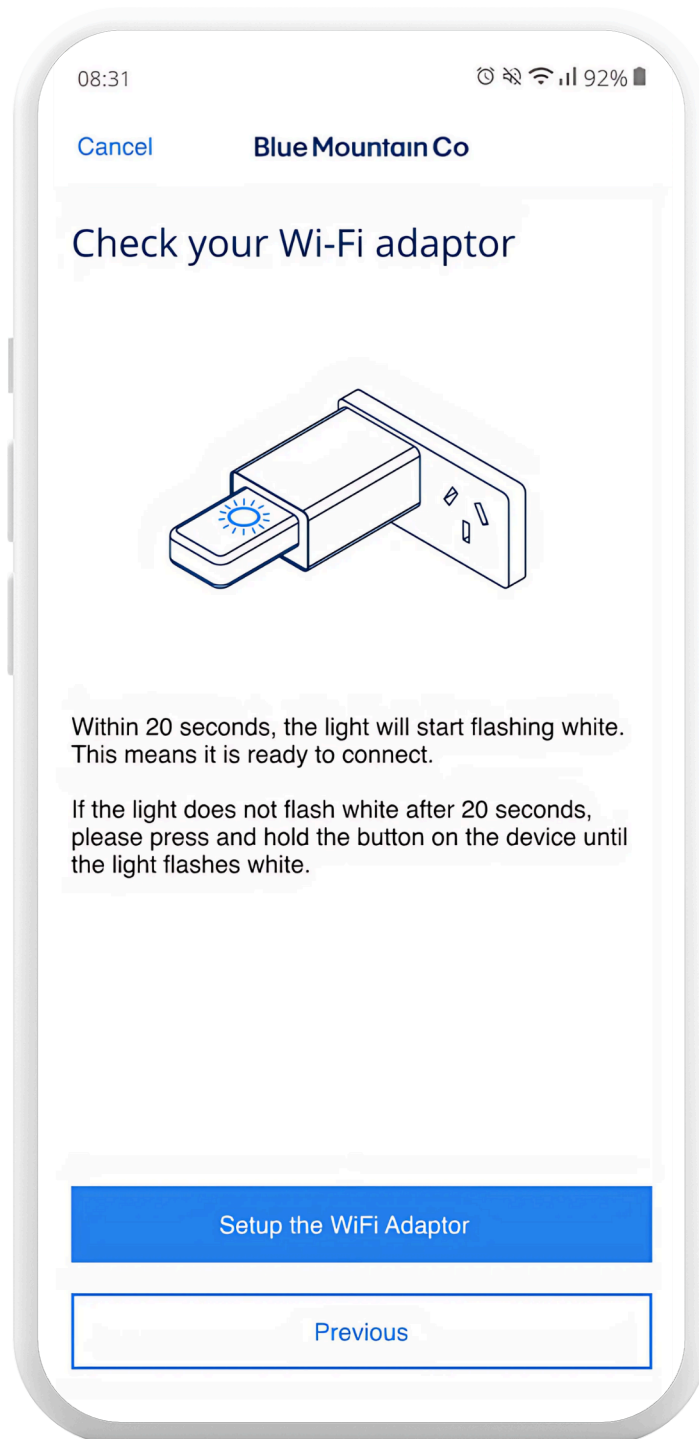
Locate and scan the QR code on your Wi-Fi adaptor. There's no need to plug in the Wi-Fi adaptor just yet, making it easier to hold it while scanning the QR code.



Wi-Fi Dongle Setup Guide

3 - CONNECT THE WI-FI DONGLE TO POWER SOURCE

Upon connection, select the "Setup the Wi-Fi adaptor" button.



Wi-Fi Dongle Setup Guide

4 - VIEWING THE AVAILABLE WI-FI NETWORKS IN YOUR AREA

The application will display a list of available Wi-Fi networks upon connecting to the Wi-Fi dongle.

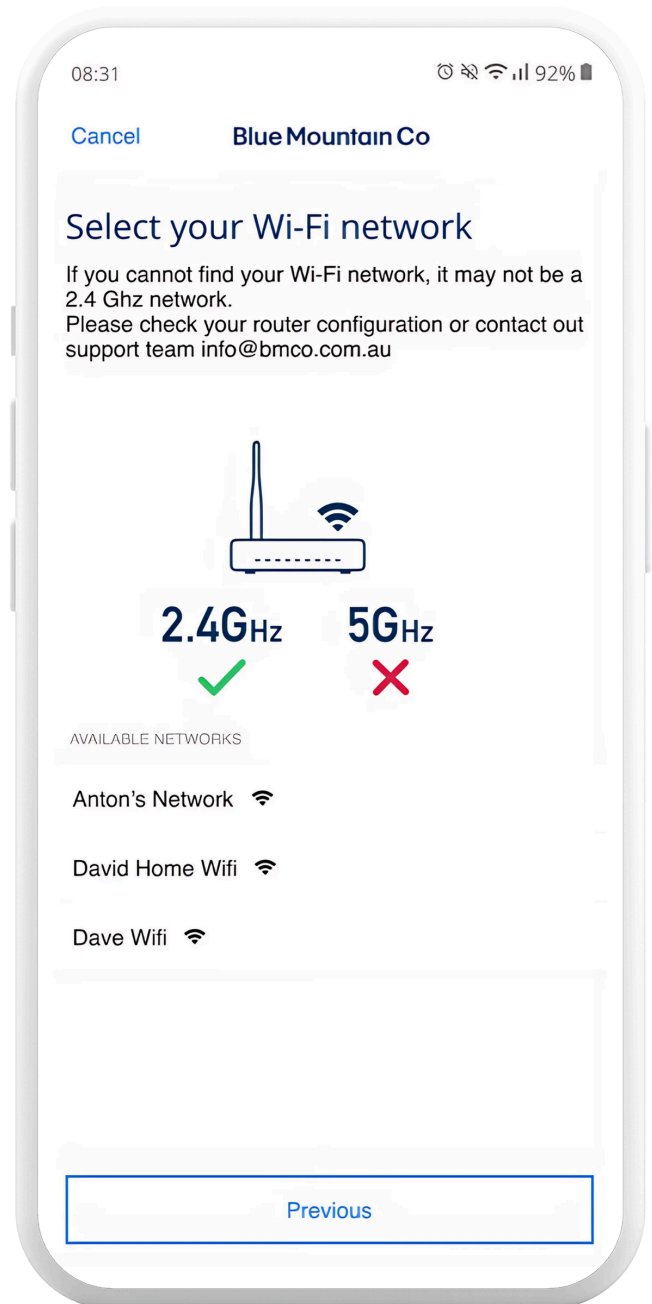
Select your desired network and enter the password.

If your Wi-Fi network doesn't appear in the list, please confirm that your home network is set to 2.4 GHz.

5 - CONNECTING TO RAIN HARVESTING SERVER

Upon successful communication, the dongle's LED will turn green, indicating that you can now connect your gauge to the Wi-Fi dongle.

Move on to the next screen and select the gauge you want to connect the Wi-Fi dongle.



Encountered issues?

DURING THE ONBOARDING PROCESS, WHAT SHOULD I DO IF THERE ARE NO AVAILABLE WI-FI NETWORKS?

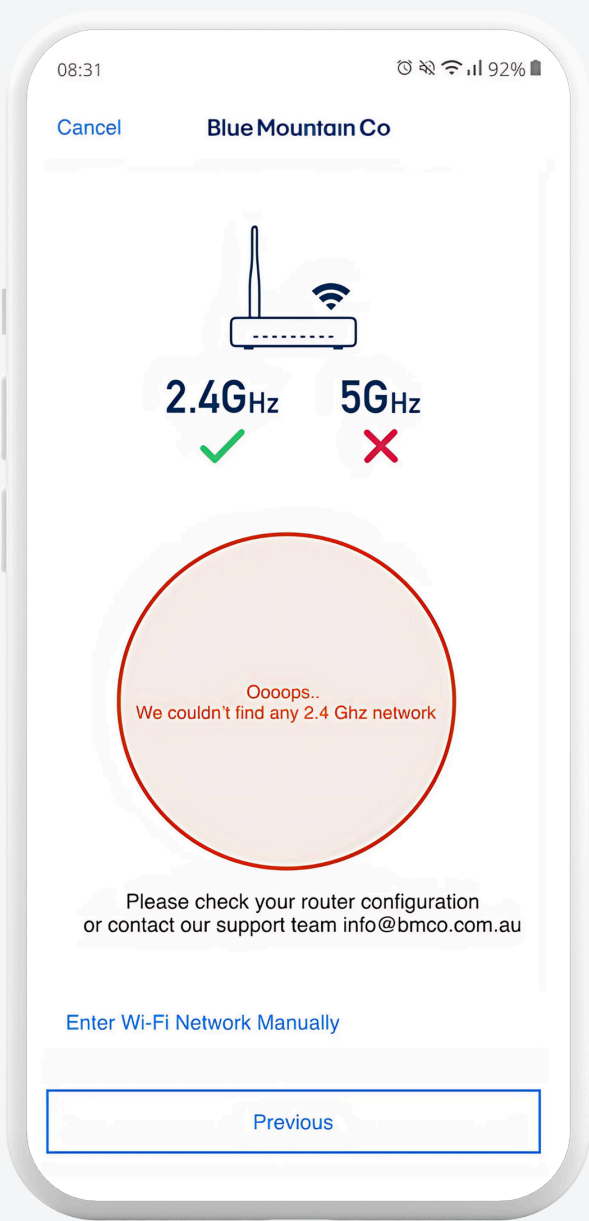
Our Wi-Fi adaptor is designed to work exclusively with 2.4GHz networks.

During the onboarding process, it automatically searches for accessible Wi-Fi networks.

If your Wi-Fi network isn't visible, please consider the following troubleshooting steps:

- Confirm that your Wi-Fi is enabled.
- Verify that your router's Wi-Fi configuration is set to 2.4GHz.
- If necessary, create a new Wi-Fi network that operates on the 2.4GHz band.

If you have iPhone, please follow [this video](#) to check your Wi-Fi network frequency.



FAQ's

WHAT IF MY WI-FI DONGLE DOESN'T BECOME GREEN?

We're sorry to hear it didn't work. Please go back to the previous screen, and try again.

If it doesn't work, let's reset the Wi-Fi dongle:

- Plug the Wi-Fi dongle to a power source (it should be blinking white or light-purple).
- Press and hold the round button for 10 seconds until the dongle stops blinking.
- Release the button.
- After the reset, the Wi-Fi Adaptor LED should blink light-purple (see [this video](#)).
- On the mobile app, go back to the main screen and start the Wi-Fi dongle onboarding process again.

MY WI-FI DONGLE IS BLINKING BLUE/RED. WHAT SHOULD I DO?

This indicates the Wi-Fi Adaptor tries to reconnect your Wi-Fi network but no luck.

Please check if your Wi-Fi network is available, there might be a problem with your home network.

Otherwise, try unplugging the adaptor from its power source and then plugging it back in. If the light turns green, it indicates the adaptor is back online. If not, please contact the support team at info@bmco.com.au.

CE Warning

Hereby, We, Rain Harvesting Pty Ltd declares that the radio equipment type WIF101 is in compliance with the Directive 2014/53/EU.

► **RF exposure**

A minimum separation distance of 0.5 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe.

► **Declaration of Conformity**

The full text of the EU declaration of conformity is available at the following internet address: rainharvesting.com.au

This equipment is so constructed that it can be operated in all Member States, without infringing applicable requirements on the use of radio spectrum.

FYI.

OPERATING FREQUENCY	WLAN	2412 - 2472MHz	11b/g/n(HT20/HT40)
	BLUETOOTH/BT_LE	2402MHz - 2480MHz	BLE 5.0/BLE(1M)

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

FAQ's

► **Radiation Exposure Statement:**

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

IC Warning

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1) this device may not cause interference, and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) l'appareil ne doit pas produire de brouillage, et
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

► **Radiation Exposure Statement:**

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

► **Déclaration d'exposition aux radiations:**

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.



For more information or to find out
how we can help, just give us a call on

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Or visit our website at

www.rhconnect.store