



Hunter Industries Pro-HC Hydrowise Controllers and Hardware Installation Guide

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Hunter Industries Pro-HC Hydrowise Controllers and Hardware



Product Information

Specifications

- **Product Name:** Hydrowise-Ready Controller
- **Compatibility:** Wi-Fi
- **Control System:** Irrigation

FAQs

- **Q:** What should I do if my Wi-Fi signal is weak?
 - **A:** If your Wi-Fi signal is weak, consider installing a Wi-Fi extender to increase the signal strength. Additionally, check for any obstructions such as interior walls and landscaping that may be blocking the signal.
- **Q:** How can I ensure that my Wi-Fi network meets the requirements of the controller?
 - **A:** Visit hunter.help/wifispecs to ensure that your Wi-Fi network meets the requirements of your Hunter Hydrowise-ready controller.

Product Usage Instructions

Mounting the Controller

To mount the controller, follow these steps:

1. Choose a suitable location with strong Wi-Fi coverage.
2. Using a 3/16 drill bit, drill a hole and insert a plastic anchor.
3. Insert a screw into the anchor, leaving 1/8 exposed.
4. Slide the controller case over the screwhead.
5. Mark a second mounting point, drill and fit the anchor, and fix the controller in place.

Connecting to Wi-Fi

To connect the controller to your Wi-Fi network, follow these steps:

1. Ensure that your Wi-Fi router has a medium-to-high signal strength.
2. If needed, install a Wi-Fi extender to increase the signal strength.
3. Check for any obstructions such as interior walls and landscaping that may block the signal.
4. Visit hunter.help/wifispecs to ensure that your Wi-Fi network meets the requirements of your Hunter Hydrowise-ready controller.

Managing the Irrigation System

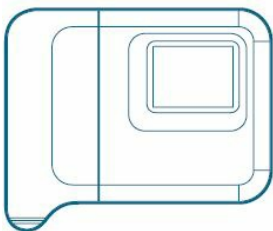
To access and manage your irrigation system using your smartphone, tablet, or computer, follow these steps:

1. Connect your Hydrowise-ready controller to the internet via your Wi-Fi router.
2. Once connected, visit hydrowise.com to get started.

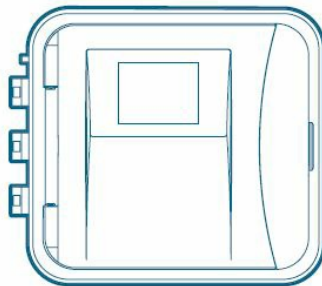
Models

INSTALLATION GUIDE FOR THE FOLLOWING HUNTER® CONTROLLERS:

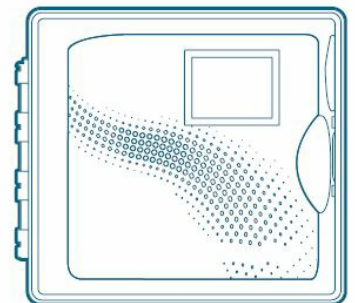
HC



HPC

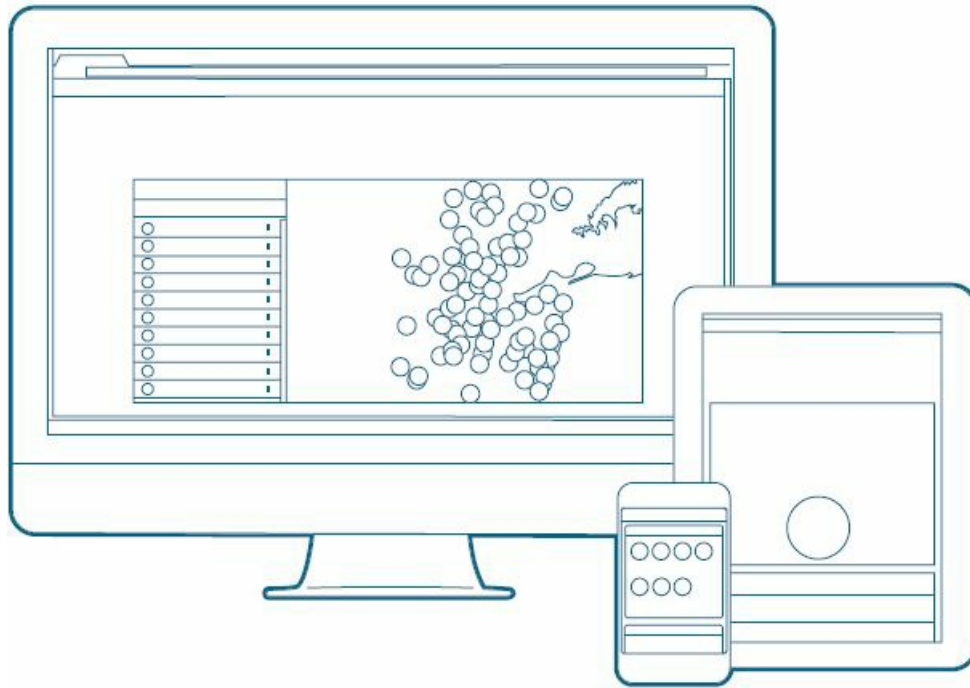


Pro-HC



INTRODUCTION

Thank You for Purchasing a Hydrowise-Ready Controller



- Your Hydrowise-ready controller can connect to the internet via your Wi-Fi router. Once connected, you can access and manage your irrigation system with your smartphone, tablet, or computer. Visit hydrowise.com to get started.
- Need more helpful information on your product? Scan below to find tips on installation, controller programming, and more.

SCAN for help



- hunter.help/hydrowise

Important



A medium-to-high signal strength is preferred to maintain a stable connection between the controller and the router. In some cases, a Wi-Fi extender should be installed to increase the signal. Obstructions such as interior walls and landscaping can block the signal.

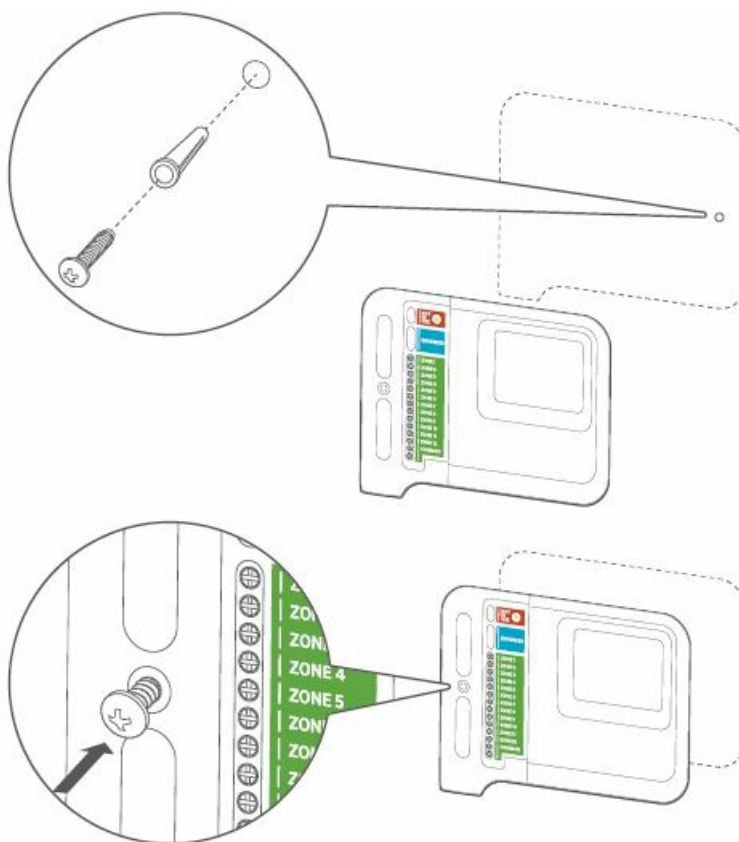
SCAN for help



- Visit hunter.help/wifispecs to ensure your Wi-Fi network meets the requirements of your Hunter Hydrowise-ready controller.

Mount Your Controller

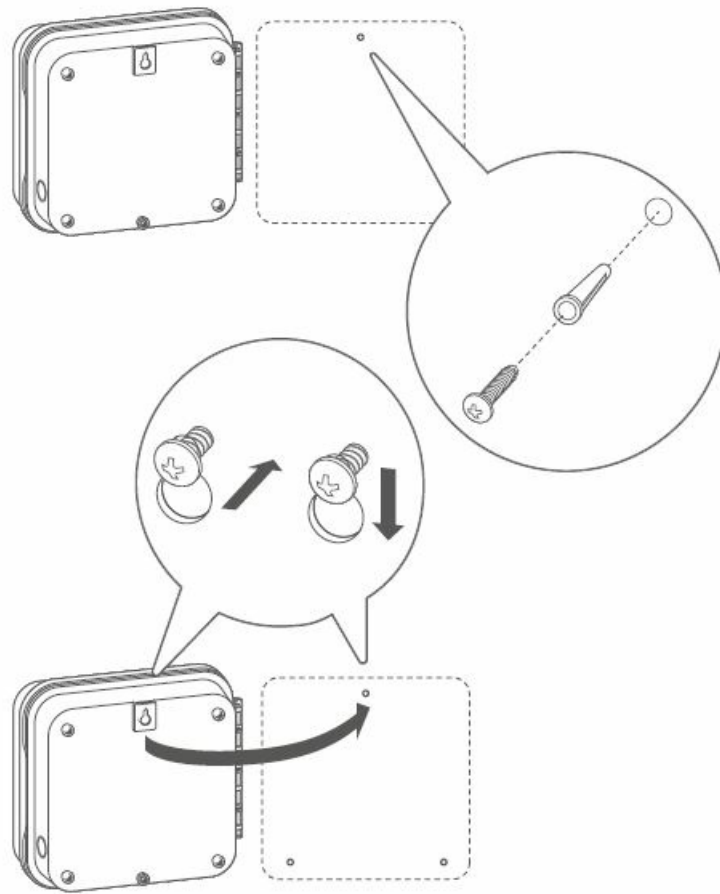
HC Controller



1. Choose a suitable location with strong Wi-Fi coverage.
2. Using a 3/ 16" drill bit, drill a hole and insert a plastic anchor.
3. Insert a screw into the anchor, leaving 1/8" exposed.
4. Slide the controller case over the screwhead.

5. Mark a second mounting point, drill and fit the anchor, and fix the controller in place.

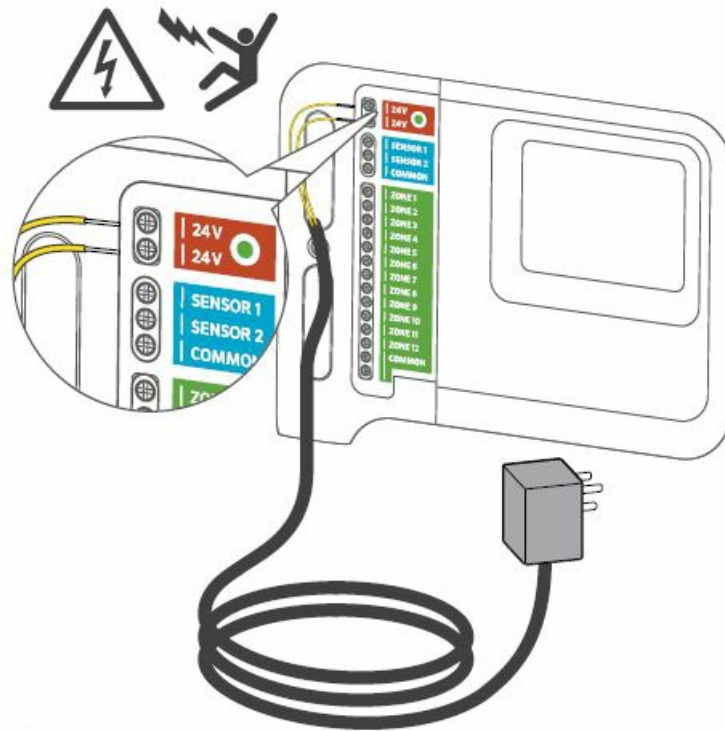
HPC or Pro-HC Controllers



1. Choose a suitable location with strong Wi-Fi coverage.
2. Using a 3/16" drill bit, drill a hole and insert a plastic anchor.
3. Insert a screw into the anchor, leaving 1/8" exposed.
4. Slide the controller case over the screw head.
5. Mark a second mounting point, drill and fit the anchor, and fix the controller in place.

Connect Power to Your Controller

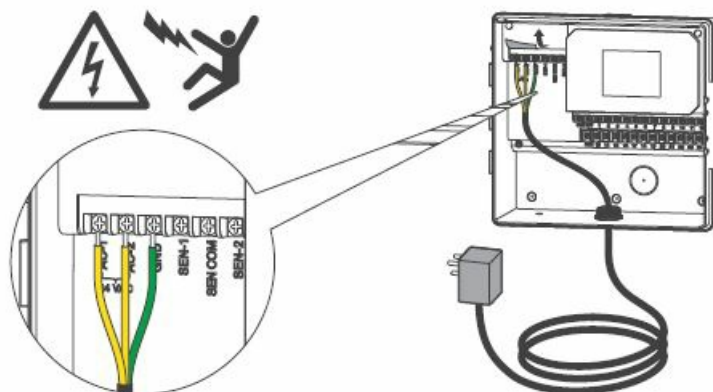
HC Controller



1. Do not plug the transformer into the power source until controller is mounted and all wiring has been connected.
2. Remove the blue cover to the junction box.
3. Route the transformer cable through the hole on the bottom of the controller, connect one yellow wire to each of the terminals marked 24 VAC, and replace the junction box cover.

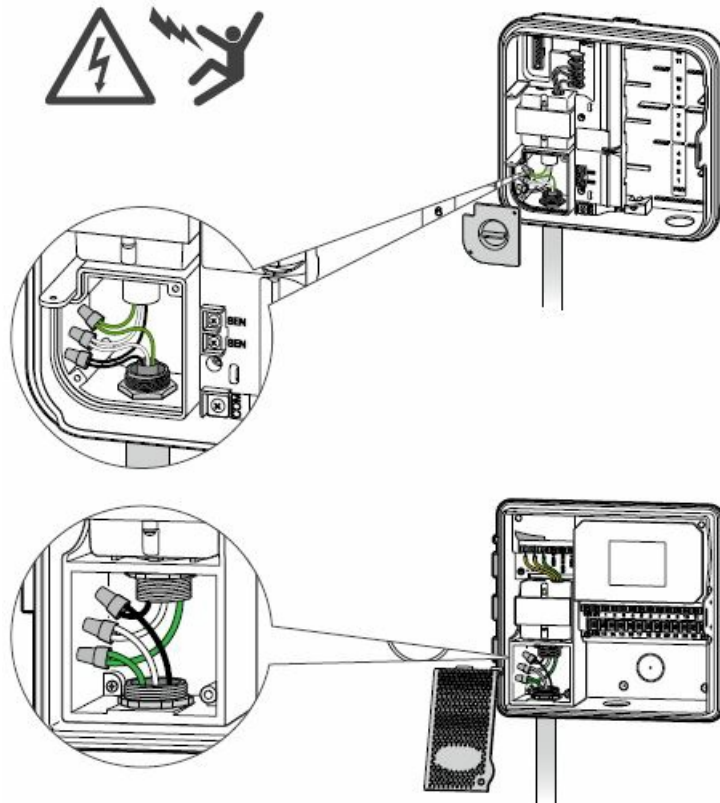
Important: The HC Controller is designed for indoor use only. Do not cut the cord.

Indoor Pro-HC Controller



1. Do not plug the transformer into the power source until controller is mounted and all wiring has been connected.
2. Open the facepack to expose the controller cabinet.
3. Route the transformer cable through the hole on the bottom left of the controller, connect one yellow wire to each of the screws marked 24 VAC, and wire the green wire to the screw marked GND.
4. Do not cut the cord.

Outdoor HPC and Pro-HC Controllers

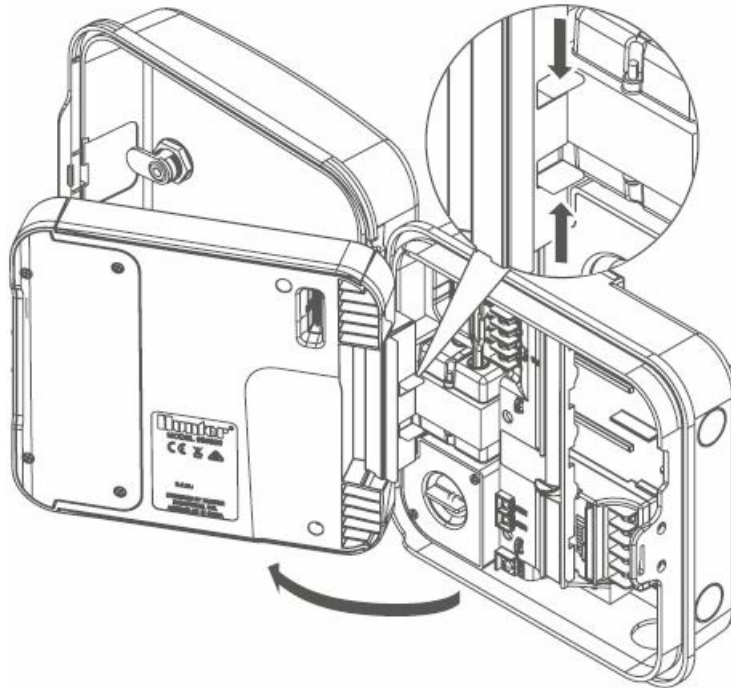


Important: Outdoor HPC and Pro-HC Controllers must be installed by an authorized service technician.

1. Do not plug the transformer into the power source until controller is mounted and all wiring has been connected.
2. Remove the junction box cover, route the cable through the hole on the bottom left of the controller, and attach the cable using the adapter and nut inside the enclosure.
3. Connect the cable wires to the transformer wires in the junction box and replace the junction box cover.

Retrofit Your Pro-C Controller

With the HPC-FP Kit

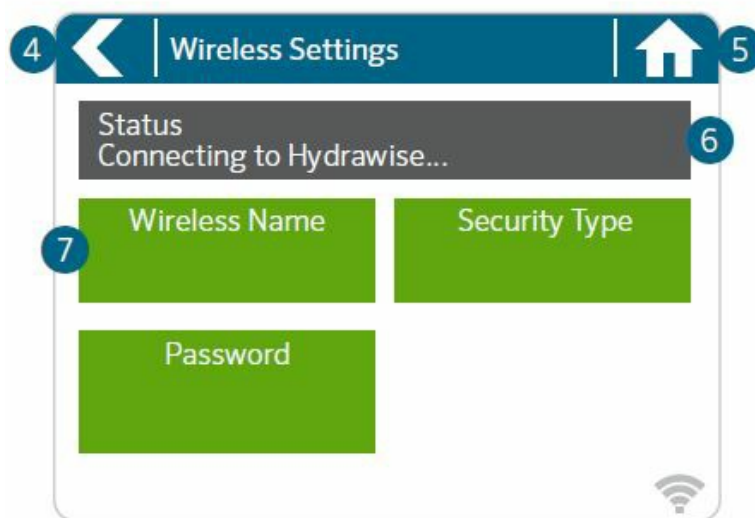


Important

- Ensure you have a strong Wi-Fi signal. A signal strength of two or three bars is recommended.
 - Wi-Fi connectivity can also be tested on the HPC Controller (signal strength is shown when you select a wireless network)
1. Do not plug the transformer into the power source until the controller is mounted and all wiring has been connected.
 2. Open the controller facepack to access the cabinet, detach the ribbon cable, release the hinge on the back of the Pro-C facepack, and remove the facepack.
 3. Press the hinges on the side of the HPC-FP facepack, insert the pins into the controller cabinet, reconnect the ribbon cable to the new facepack, and reconnect the power to the controller.

Controller Touchscreen

Home Screen Navigation





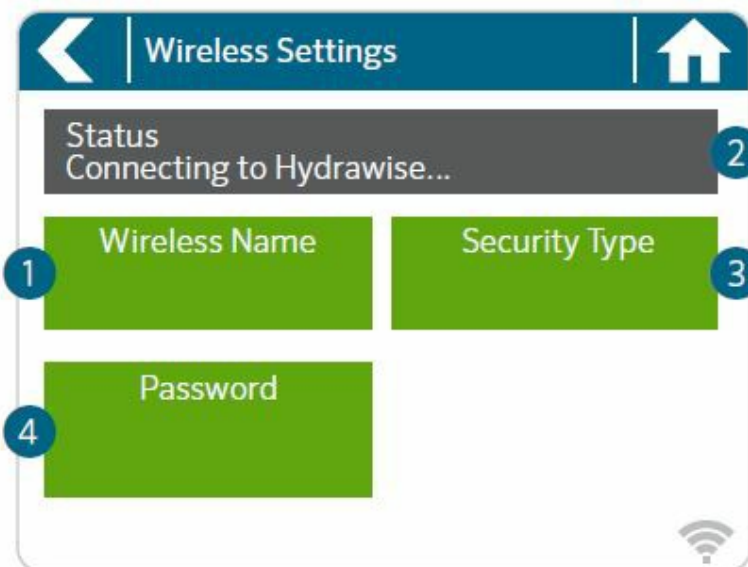
1. Touch to view all zones.
2. Touch to change controller settings.
3. Touch to view controller status information.
4. Go to previous screen (changes not saved).
5. Go to Home screen (changes not saved).
6. GRAY items indicate status information.
7. GREEN items indicate settings which can be changed.

Using the Connection Wizard

- From the Home screen, touch the Settings button and then the Wireless button.
- Select your wireless network from the list shown on the controller display and press the Confirm button on the screen. Enter your wireless password and press the OK button on the keyboard.

Important

- If your network is not listed, check that the unit is within wireless range.
- Make sure you press the OK button after you've entered your password. Pressing the Home  or Back  buttons will not save your changes.



1. Touch to change the wireless access point.
2. View wireless connection status.
3. Touch to change the wireless security type.
4. Touch to change the wireless password.

When connecting to your wireless network, the Wi-Fi  icon at the bottom right of the controller screen will flash. Connecting takes about 30 seconds. When successfully connected, the Wi-Fi  icon will remain solid.

FCC Statement

U.S. FCC Statement

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 where the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To satisfy FCC RF Exposure requirements for mobile and base station transmission devices, a separation distance of 8" (20 cm) or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Innovation, Science and Economic Development Canada (ISED) Compliance Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

CE: Certificate of Conformity to European Directives

Hereby, Hunter Industries declares that the radio equipment type models HC-601i-E, HC-1201i-E, HPC-401-E, PHC-601-E, PHC-601i-E, PHC-1201-E, PHC-1201i-E, PHC-2401-E, PHC-2401i-E are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: subsite.hunterindustries.com/compliance/

- **Frequency Band of Operation (MHz):** 2,412 to 2,472
- **Maximum Transmit Power (dBm):** 18.5

Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

Gregory R. Hunter, CEO of Hunter Industries



Denise Mullikin, President, Landscape Irrigation and Outdoor Lighting



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- hydrawise.com

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Documents / Resources

	Hunter Industries Pro-HC Hydrawise Controllers and Hardware [pdf] Installation Guide Pro-HC Hydrawise Controllers and Hardware, Pro-HC, Hydrawise Controllers and Hardware, C ontrollers and Hardware, Hardware
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References

- [Hydrawise Technical Support Email Request | Hydrawise](#)
- [Hunter Irrigation Sprinkler Systems | Hunter Industries](#)
- [Hydrawise | Smart Wi-Fi Irrigation Control](#)
- [subsite.hunterindustries.com - /compliance/](#)
- [User Manual](#)