

# HCC & HCC-FPUP

HYDRAWISE READY CONTROLLER QUICK START GUIDE



The Most Complete  
Wi-Fi Irrigation Control System

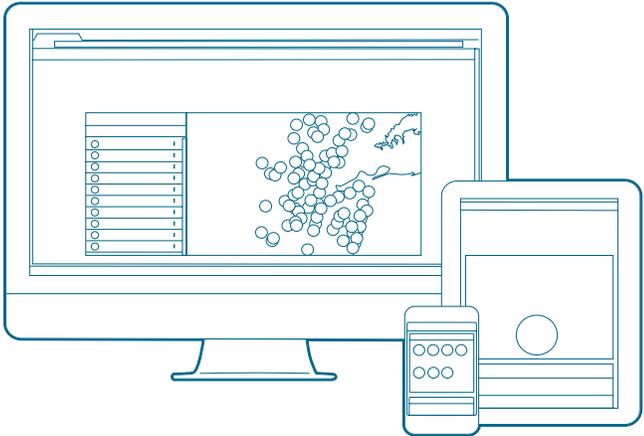


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Your Hydrawise enabled controller can connect to the internet via your Wi-Fi router. Once connected, you can manage irrigation from your smartphone, tablet, or computer. Visit [hydrawise.com](http://hydrawise.com) to get started.

Need more helpful information on your product? Find tips on installation, controller programming, and more.



45 m



**Important:**

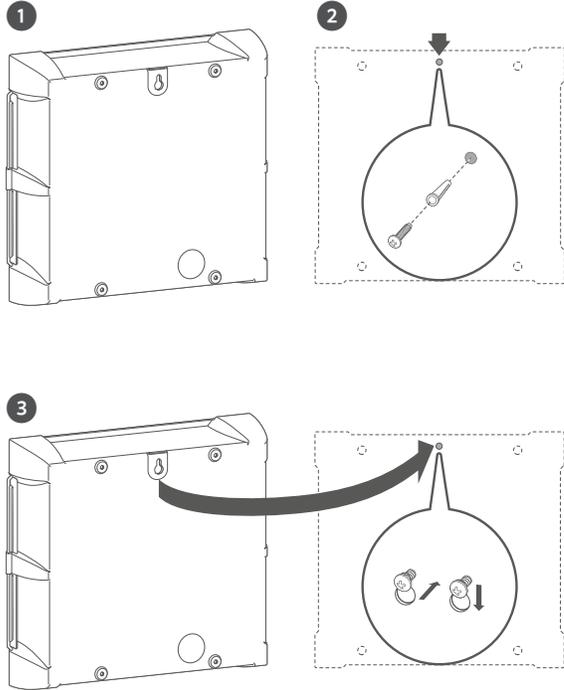
Typical Wi-Fi range covers 45 to 61 m. Be sure to install the controller within suitable range of your network router.



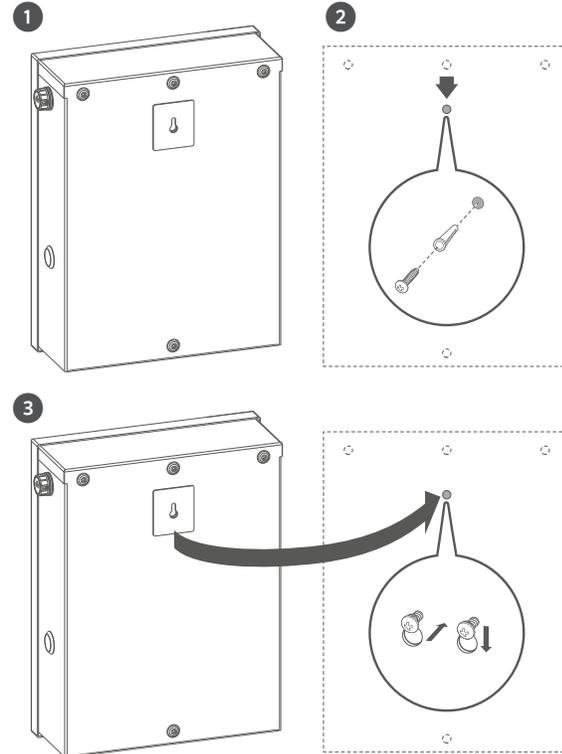
[hunter.help/Hydrawise](http://hunter.help/Hydrawise)

# Mount Your Controller

## Plastic Cabinet



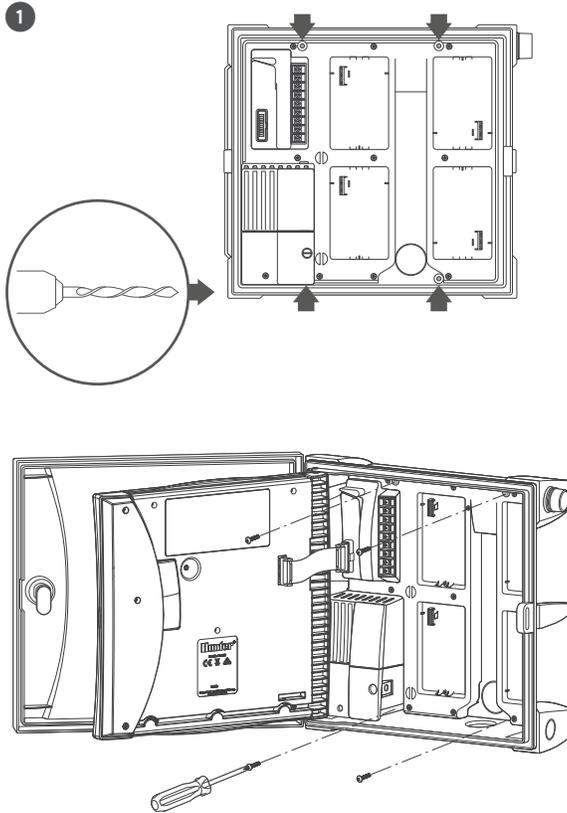
## Metal Cabinet



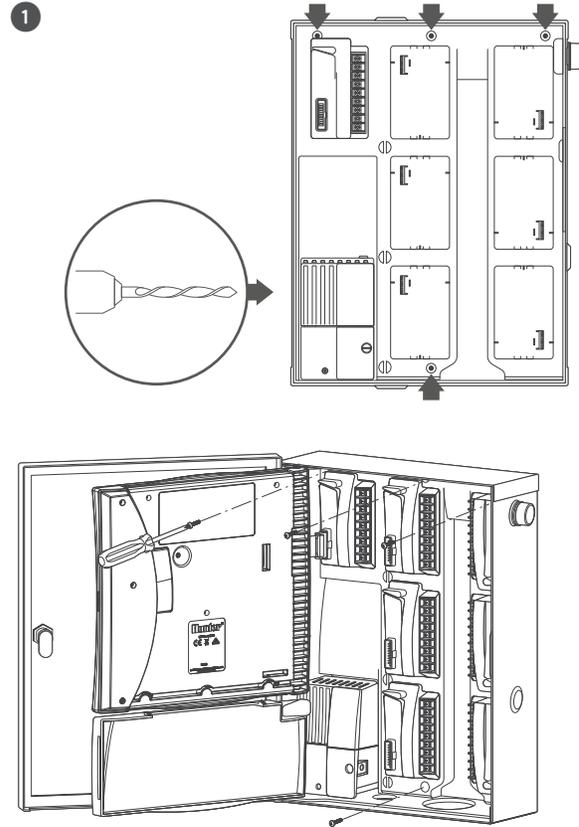
## Plastic and Metal Controllers

1. Remove controller door and control panel for easier access.
2. Use enclosed hole template to mark and drill mounting holes. Leave enough room to open the door. Allow for screw anchors if necessary. Install top center screw first, and leave the screw head  $\frac{1}{4}$ " (6 mm) out from the wall.
3. Hang the controller on the screw head.

### Plastic Cabinet

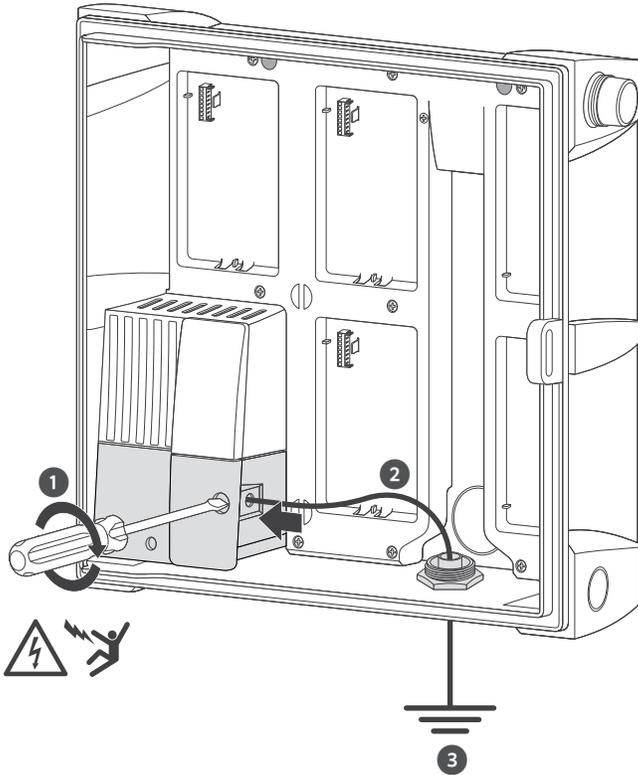


### Metal Cabinet



### Plastic and Metal Controllers

1. Secure the controller in place by installing screws in the remaining holes from inside the cabinet. Replace control panel and door.



## Earth Ground Connection (Lightning Protection)

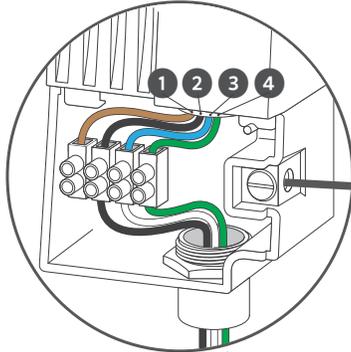
1. Insert copper wire from earth ground hardware, and tighten the screw in front.
2. Minimum 10 AWG (5mm<sup>2</sup>) wire to earth ground hardware.
3. Add copper-clad steel ground rods and/or plates sufficient to achieve 10Ω or less resistance at a minimum 8' (2.5 m) away from controller



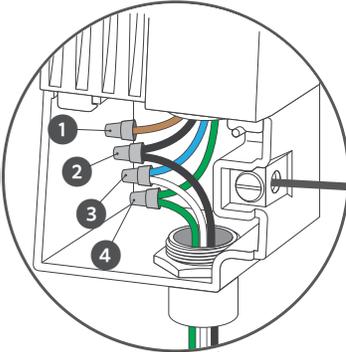
### Important:

Required for all metal and stainless steel configurations.

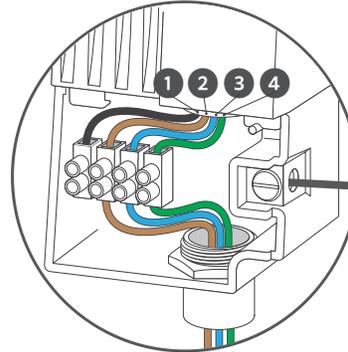
Wire Block: 120 V



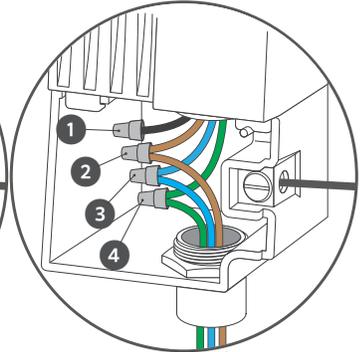
Wire Nut: 120 V



Wire Block: 230 V



Wire Nut: 230 V



120 VAC Connections

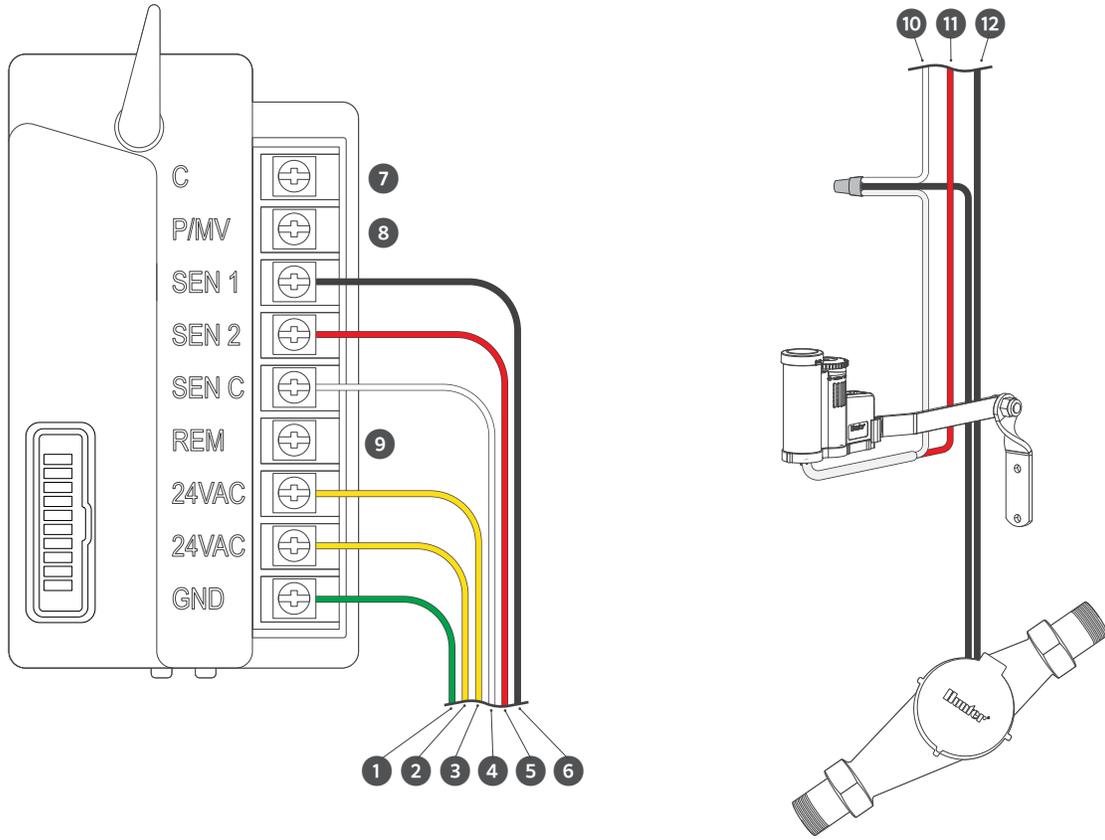
Transformer Wire		Power Source		
1	Brown	230 V (not used)	-	-
2	Black	120 V Hot	5	Black
3	Blue	Neutral	6	White
4	Green	Ground	7	Green



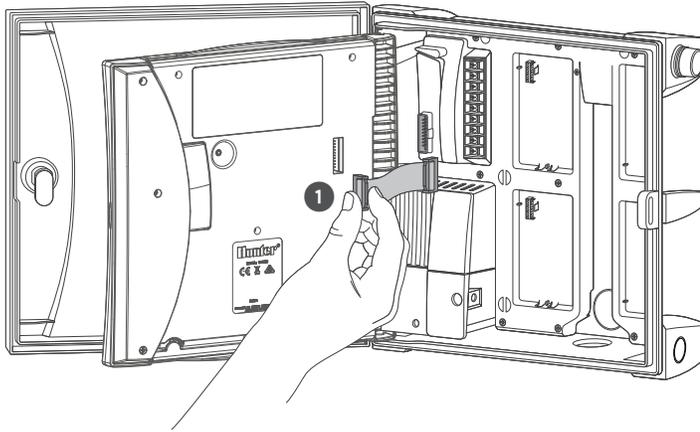
230 VAC Connections

Transformer Wire		Power Source		
1	Black	120 V (not used)	-	-
2	Brown	230 V Hot	5	Brown
3	Blue	Neutral	6	Blue or White
4	Green	Ground	7	Green

# Wiring Your Irrigation System



Power Module Terminals											
1	Green	Ground	4	White	Sensor Common	7	C	Common	10	White	Sensor Common
2	Yellow	24 VAC Transformer	5	Red	Rain Sensor	8	P/MV	Pump/Master Valve	11	Red	Rain Sensor
3	Yellow	24 VAC Transformer	6	Black	Flow Meter	9	REM	Remote Control Input	12	Black	Flow Meter



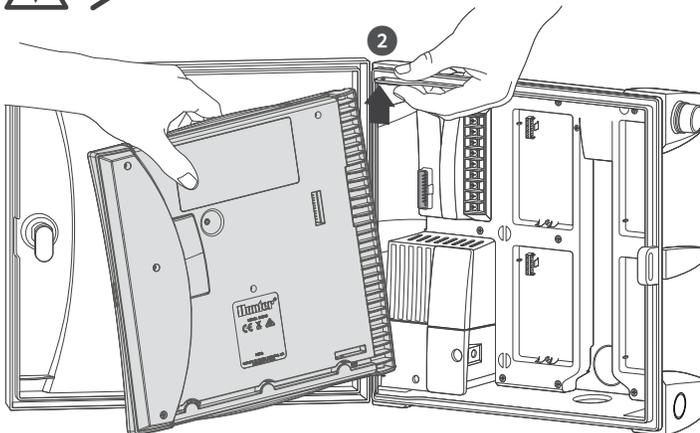
## ICC or ICC2 Controllers



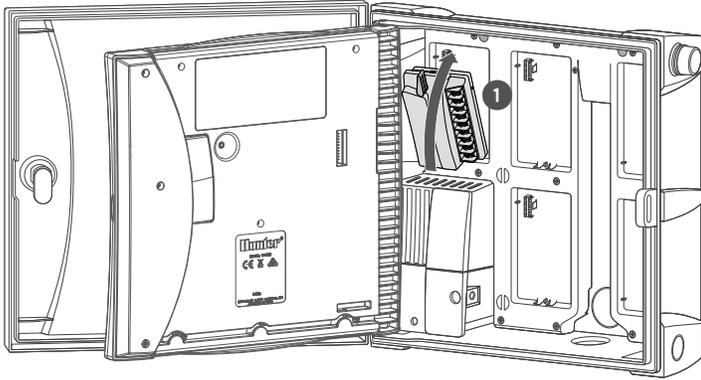
### Important:

Turn off AC power at the source, and verify that it is off.

1. Disconnect the facepack ribbon cable.
2. Remove and replace the ICC or ICC2 facepack with the HCC Hydrawise-ready facepack.

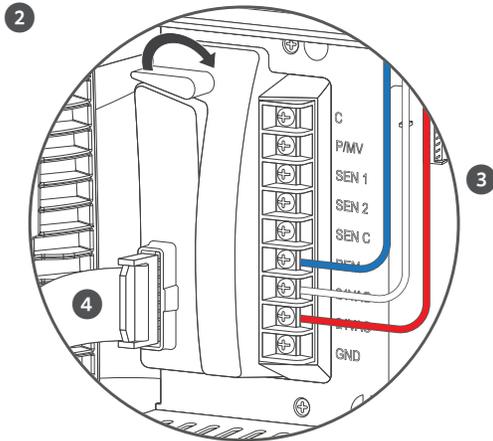


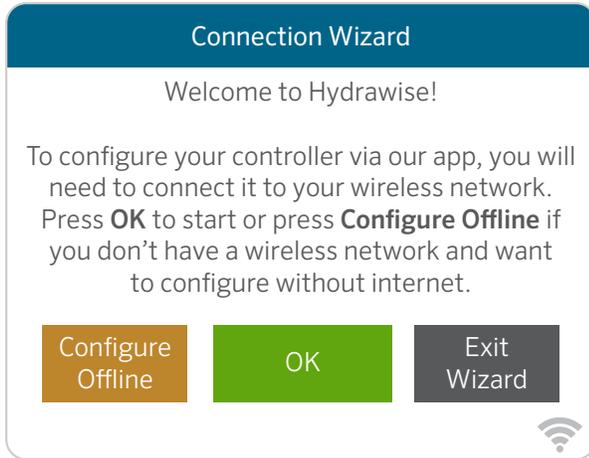
# Retrofit Your ICC or ICC2 Controller to a Hydrawise Ready Controller



## ICC or ICC2 Controllers

1. Remove all wiring from the ICC or ICC2 power module.
2. Remove and replace power module by rotating the locking lever up, then insert the new power module and rotate the locking lever down.
3. Reinstall power module wires.
4. Reconnect ribbon cable to facepack and power module.





## Configure Your Controller Offline

From the Connection Wizard screen, touch **Configure Offline**. Tap **OK** to move on to the next step.

Enter in today's date if it hasn't already been set or if it is incorrect. Enter today's time if it hasn't already been set or if it is incorrect. From this screen, touch **OK**.

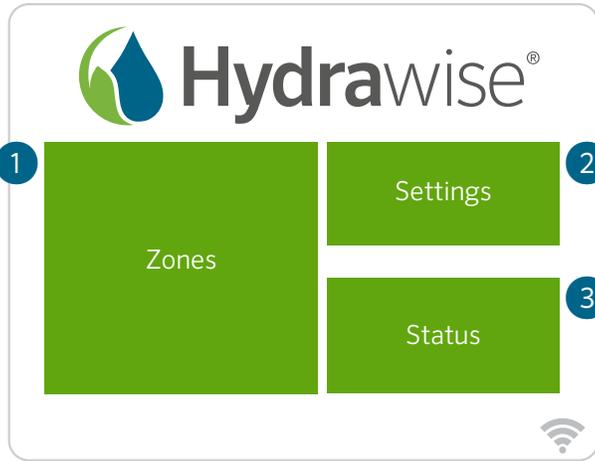
Next enable a **Master Valve**, if you don't have a master valve then choose **Disable Master Valve**. Then touch **OK**.

You can now enter the run length you want for your default zone run time. Then touch **OK**.

Next, set how often each zone will run. As advised on the previous screen, you can set individual frequencies for each zone. Touch **OK** to proceed.

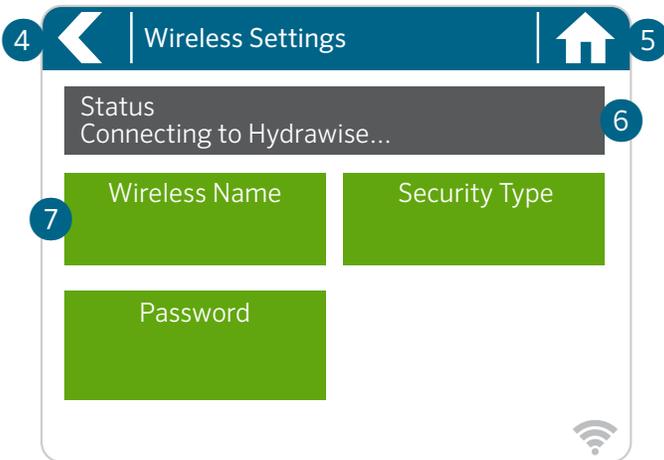
From **Zones** screen, you can manually configure each zone according to your desired schedule. Touch the **Add** button to add a program start time and follow the steps below. You can toggle between zones by touching

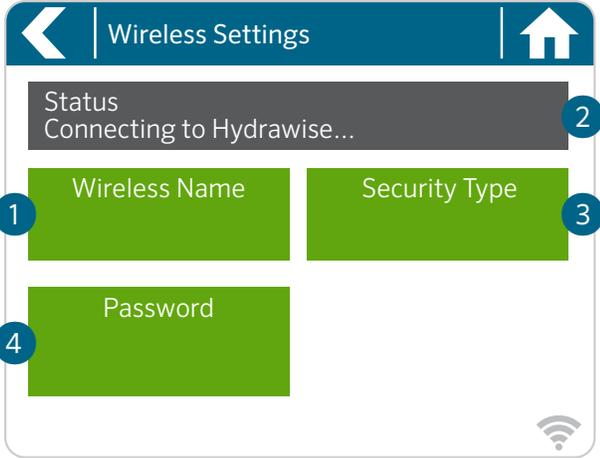
**Next** or **Previous** buttons or you can leave the start time to **Apply to All Zones**.



## 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 GREY items indicate status information.
- ⑦ GREEN items indicate settings which can be changed.





### Using the Connection Wizard

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

① Touch to change wireless access point.

**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.

- ② Current wireless connection status.
- ③ Touch to change wireless security type.
- ④ Touch to change wireless password.

When connecting to your wireless, the **WiFi**  icon at the bottom right of the controller screen will flash. Connecting takes about 30 seconds and when successfully connected the **WiFi**  icon will remain solid.

## 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.

## Certificate of Conformity to European Directives

Hunter Industries declares that the irrigation controller Model HCC complies with the standards of the European Directives of “electromagnetic compatibility” (2014/30/EU), “low voltage” (2014/35/EU) and “radio equipment” (2014/53/EU).



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## 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, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## Déclaration d'Industrie Canada

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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.

## Wi-Fi Module Information

Radio module: Microchip Technology Inc.  
(model number ATWINC-1500-MR210UB)

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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.



**Denise Mullikin, President,  
Landscape Irrigation and Outdoor Lighting**

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