

# Hunter®

 **Hydrawise™ Ready**  
IRRIGATION CONTROLLERS

## Hydrawise Software/App Owner's Manual



[hydrawise.com](http://hydrawise.com)

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# PRO-HC - Install Guide

## Hydrawise-Ready Controllers

INSTALLATION GUIDE FOR THE FOLLOWING CONTROLLERS:



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# PRO-HC - Mounting Controller

## INSTALLING THE PRO-HC CONTROLLER

Start by choosing a location with good Wi-Fi coverage. Wi-Fi coverage can be easily tested using a smartphone. A high signal strength is recommended. Wi-Fi connectivity can also be tested on the Pro-HC itself (signal strength is shown when you select a wireless network).

## MOUNTING THE CONTROLLER TO A WALL

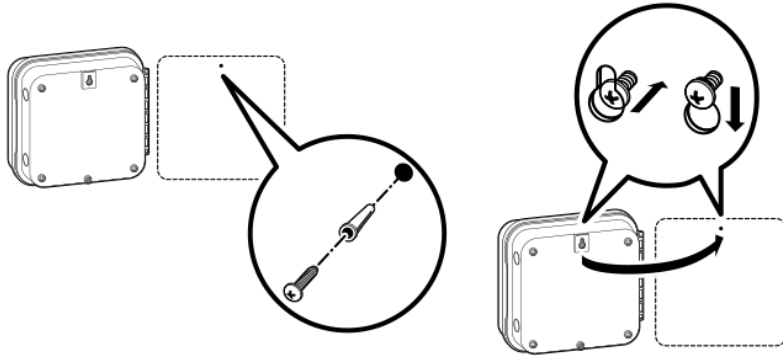
All necessary hardware is included for most installations.

1. Use the hole at the top of the controller as a reference and secure a 1" (25 mm) screw

into the wall. **Note:** Install screw anchors when attaching the controller to drywall or masonry wall.

2. Align controller with the screw and slide the keyhole on top of the controller over the screw.
3. Secure controller in place by installing screws in the other mounting holes.

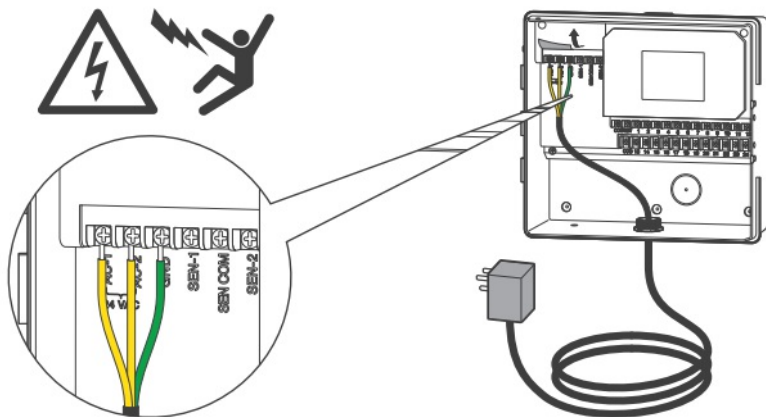
#### STEPS 1-3



## PRO-HC - Connecting AC Power

#### Indoor Cabinet:

1. Route **transformer cable** through the hole on the bottom left side of the controller
2. Connect one **Yellow Wire** to each of the screws marked 24AC and the Green Wire to GND.

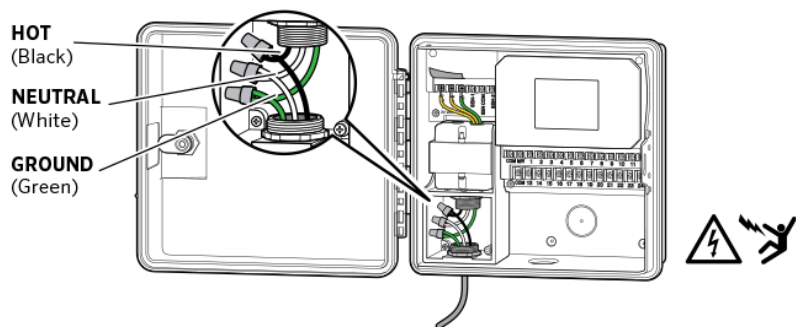


**Note:** The indoor Pro-HC is **not** water or weather-resistant and must be installed indoors or in a protected area. This device is not intended for use by young children. Never let children play with this device.

#### Outdoor Cabinet:

The outdoor model is water and weather-resistant. Connecting the outdoor Pro-HC to the primary power should be done by a licensed electrician following all local codes.

1. Route AC power cable and conduit through the 1/2" (13 mm ) conduit opening on the left side of the bottom of the cabinet.
2. Connect the wires to the transformer wire located inside the junction box. International units are supplied with a built-in terminal strip. Always use a UL-listed conduit 1/2" (13 mm ) male adapter when installing the AC wiring.
3. Insert the adapter into the 1/2" (13 mm ) hole at the bottom of the controller. Attach a nut to the adapter inside the enclosure.
4. A battery is not required for this controller. Watering will not occur without AC power. Since this controller has non-volatile memory, the program, clock, and calendar will be retained during a power outage.



**Note:** To be performed by a licensed electrician only. Always use UL listed 1/2" (13 mm) conduit with male adapter when installing AC wiring. Pro-HC controllers are intended to be

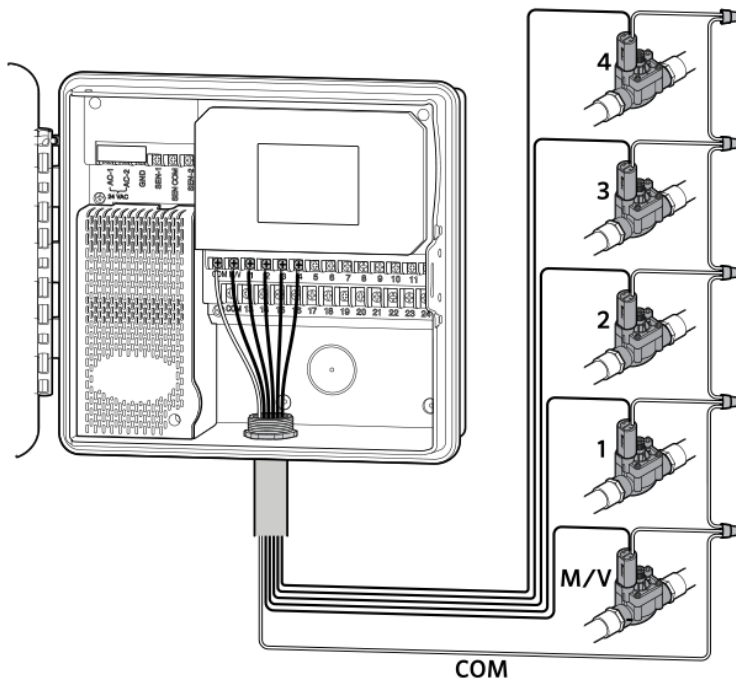
supplied AC power with an over-current protected device. Improper installation could result in shock or fire hazard. This device is not intended for use by young children. Never let children play with this device.

# PRO-HC - Connecting Solenoid Valves

- 1. Route valve wires between control valve location and controller.
- 2. At the valve location, attach a common wire to either solenoid wire of all valves. The most commonly used color for the common wire is white. Attach a separate control wire to the remaining wire of each valve. All wire splice connections should be done using waterproof connectors.
- 3. Route valve wires through the conduit and attach conduit to one of the openings on the bottom of the cabinet.
- 4. Strip 1/2" (13 mm) of insulation from ends of all wires. Secure the valve common wire to "COM" (Common) terminal. Attach all individual valve control wires to the appropriate station terminals.

## PRO-HC CONTROLLER





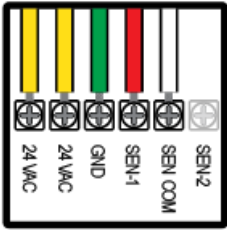
All wire connections should be done using waterproof connectors. Connect each of the other individual wires to a different colored wire. Record zones against wire color for later reference. Connect the common wire from the multicore cable (usually white) to the terminals on the controller marked COM.

## PRO-HC - Connecting Sensors or Flow Meters (Optional)

The Pro-HC Controller supports most open/closed contact types of sensors. Compatible Hunter flow meters and sensors include the HC FLOW METER <sup>[1]</sup>, MINI-CLIK® <sup>[2]</sup>, RAIN-CLIK™ <sup>[3]</sup>, FREEZE-CLIK® <sup>[4]</sup>, WIND-CLIK™ <sup>[5]</sup>, and SOIL-CLIK™ <sup>[6]</sup>.

1. Route the **WIRES** from the rain sensor up through the same conduit opening used for valve wiring.
2. Connect the first wire to the terminal labeled **SEN-1 or SEN-2**.
3. Install the second white wire to the other **SEN (COM)** terminal. See chart below.

**Rain Sensor**



**Flow Meter**

