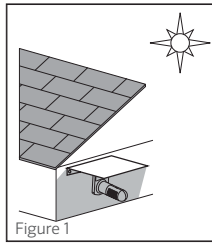


# FREEZE-CLI<sup>™</sup> FREEZE SENSOR INSTALLATION INSTRUCTIONS



## INTRODUCTION

The correct placement of the Freeze-Click is critical for accurate temperature sensing. It must be mounted out of direct sunlight, and where free outdoor air circulation is possible. Examples would be the north wall of a building or under eaves or overhangs.



If the best location for temperature sensing is not a feasible location for mounting the Freeze-Click, an alternate location may be chosen if, in addition, a “sun guard” is used (e.g., a piece of flashing) to shade the Freeze-Click during times of day when the sun could hit it (Figure 1).

The Freeze-Click housing is designed so that it provides the sensing element some amount of shaded protection from direct or indirect radiation, while allowing air to move freely around it. This feature, along with the best possible placement, will allow the Freeze-Click freeze sensor to respond at the correct temperature.

Using the screw provided, attach the Freeze-Click to the chosen surface. Run the extension wire to the controller. If an extension to the wire is needed, use wire no lighter than 1 mm.

## WIRING

The Freeze-Click has 8 m of cable attached to it. These leads will be wired to the SEN terminals or SEN and SEN COM terminals of the controller. The order in which they are wired does not matter (Figure 2). Remove the jumper from the two SEN terminals.

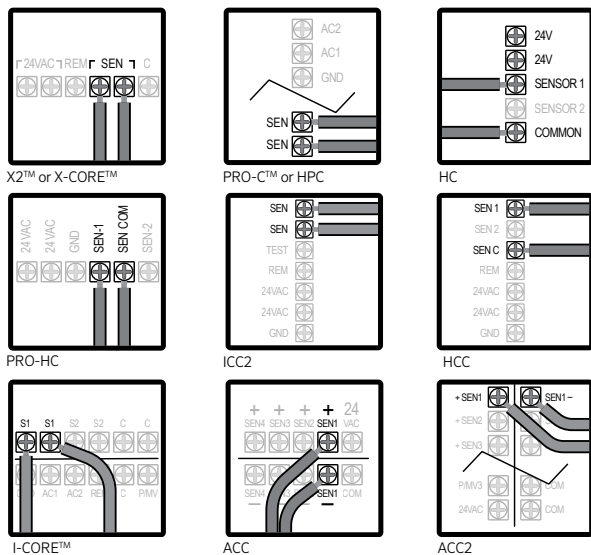
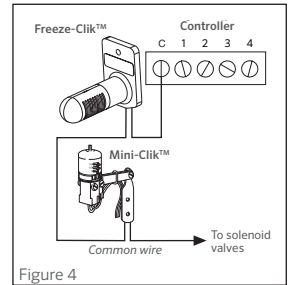
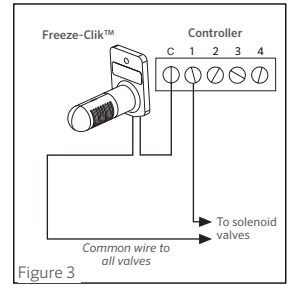


Figure 2

*Note: For Hydrawise® controllers, you must complete the installation by configuring the sensor in your Hydrawise account.*

## Other Controllers

The Freeze-Click freeze sensor is wired to the valve common (Figure 3). Locate the common ground wire of the solenoid valves. If it is connected to the common terminal on the controller, disconnect it. Attach one lead of the Freeze-Click to the common terminal on the controller and the other lead to the common ground wire from the solenoid valves.



If a Mini-Click™ rain sensor is already installed or is to be part of the installation (Figure 4), the freeze sensor is to be wired in series with the rain sensor so that either (or both) devices can control the circuit.

## OPERATION

The Freeze-Click is preset and is not adjustable. It will open the common ground circuit, thereby keeping the sprinkler system from operating at, or below, 3°C. At temperatures above the setpoint of 7°C, normal operation will resume.

**Note:** The factory tolerance for the setpoint on the standard Freeze-Click model is  $\pm 2^\circ\text{C}$ . Therefore, your particular unit will switch at a temperature in this range.

**Special usage note:** For landscape applications only. Not for crop protection. A freeze sensor should only be used as a part of sound irrigation management program, including regular visual system checks.

Need help? Visit [hunter.direct/freezeclikhelp](http://hunter.direct/freezeclikhelp).

