The temperature of the water can be monitored by pressing enter twice after turning the unit on.

⏎ , ⏎ | 8EP , 47C

To control whether the heater is on or off while pumping, press and hold down and enter to go into the set up menu. Press enter until heater message is displayed.

⬇ + ⏎ | HEr   ⬆ , ⬇ | 8On , OFF

Press up or down to change between on or off. Off will prevent the heater from heating the water whilst the controller is on. Press enter again to turn frost protection on and off, using the up or down buttons.

⏎ | F5E   ⬆ , ⬇ | 8On , OFF

Press enter again to set the temperature at which the frost protection turns on. Adjust value with up and down, e.g. to set heater to come on at 2 degrees centigrade set controller to 2. Note: if you set Ftp too high your heater may turn on when you do not need it. ie when there is no danger of the water freezing.
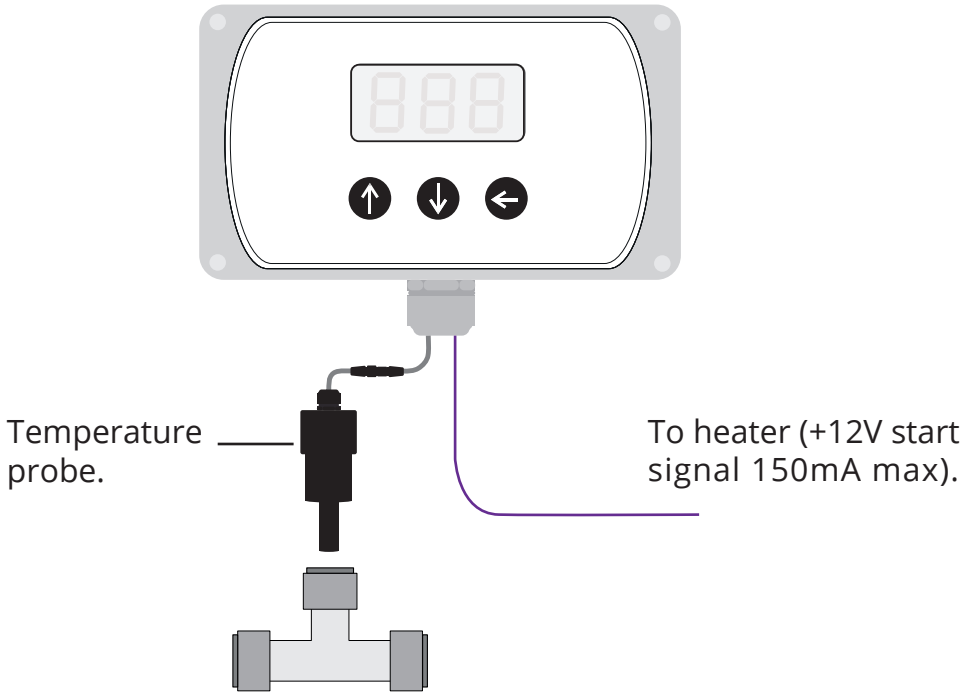
⏎ | FEP   ⬆ , ⬇ | 88 2

Press enter again to adjust the speed of the pump recirculation when frost protection is working. Set pump flow rate using up and down. Note: for Webasto heaters, set flow to 10. Other heaters may require a higher flow. Set flow to the minimum possible. Faster flow will discharge your battery more quickly.

⏎ | FFL   ⬆ , ⬇ | 8 10

Once you have reached the last configuration press enter to set.

⏎ | 5EE

Connect the probe and heater control in accordance with this diagram.

Temperature probe.

To heater (+12V start signal 150mA max).

John Guest 1/2" or 12mm Equal Tee fitting not supplied. Available on request. Specify 1/2" or 12mm probe at time of order.

When the unit is off if the temperature of the water falls to the frost temperature (FtP) and the frost protection is enabled, the pump and heater are turned on.

The controller constantly monitors the Dead End detection and Low Battery protection* while in frost mode to protect your system.

* Your battery is at risk of permanent damage if you disable low battery cutoff and continue to use your controller for long periods when the battery voltage has fallen below +10.5V.

For more information and videos on how to use Spring controllers please visit: www.springltd.co/videos