



NEW ADDED FEATURE

ETR2-1550 Controller for Ice & Snow melting

New feature

The new ETR2 has been improved to meet market requirements by increasing the **Moisture Sensitivity**, and adding the possibility to change factory setup of the **Moisture Sensitivity**.



Changing the sensitivity

If needed for special applications, the ETR2 can be set in a special service mode, where the sensitivity can be set to the same 5 different levels as the improved ETO2.

How to program the sensitivity

1. Turn the power off to the ETR2
2. Connect a wire between terminal 8 and 9
3. Connect a wire between terminal 10 and 11
4. Turn the TIME SET to max (Constant on)
5. Turn the TEMP SET to max (10)
6. Turn the power on. The LED for ON will flash.
 - a. The LED for TEMP, MOIST and RELAY will be constant on, indicating factory settings for the sensitivity level.
7. Program the sensitivity level. Turn the TIME SET knob at 1-5 (1=min, 2=low, 3=normal/factory settings, 4=high, 5=max).
 - a. The combination of the LED's will indicate what sensitivity is programmed (see matrix below).
8. Turn the power off, and set the required settings for temperature (TEMP SET) and the after run time (TIME SET).
9. Remove the wire from terminal 8 to 9 and 10 to 11.
10. Install temperature sensor and moist sensor as normal.

Connect a wire between 8-9 and 10-11
(Remove after programming)

Turn the TIME SET knob to maximum.
The combination of LED's
(TEMP, MOIST, RELAY) will indicate the
programmed sensitivity:
Factory settings – all three red!
TIME SET on 3 = Normal

The LED for ON flashes when 8-9 and 10-11 is wired, and when TIME SET and TEMP SET knobs are set to maximum.
The "sensitivity" is now ready for programming.

Turn the TIME SET knob 1 – 5. The combination of the LED's will indicate the programmed sensitivity.

TIME SET knob	Sensitivity level	LED for "TEMP"	LED for "MOIST"	LED for "RELAY"
1	Minimum	ON	OFF	OFF
2	Low	ON	ON	OFF
3	Factory Setting	ON	ON	ON
4	High	OFF	ON	ON
5	Maximum	OFF	OFF	ON