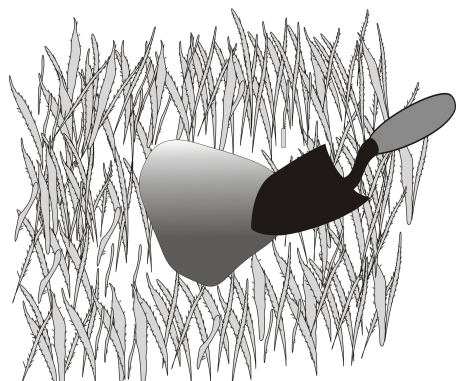
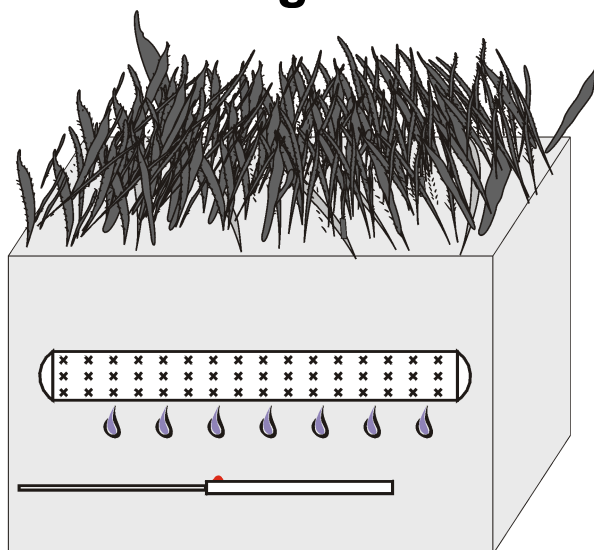


WaterGreat SR-1™ Foundation Watering Installation



Dig a hole about 4 inches wide to a depth 2-3 inches below the soaker hose. Sensor is inserted into undisturbed soil, horizontal to ground. Use screwdriver to make hole if ground is hard.



1) Connect pre-attached stake and stainless steel tube to the control assembly **[shown above]** and place in the ground where the sun shines at least 5 hours a day. Turn knob to below "1" for no watering (as shown in picture) until the unit charges in the sun (up to 24 hours).

2) Place the slender sensor rod in an area watered by the system, about 2-3 inches under the soaker hose used to water your foundation. It is your choice to place the soaker hose at ground level or below. Below conserves the most water, but is harder to install, and harder to tell if portions of the hose is clogged. Either way place it about six inches from your foundation. Dig a 4 inch hole to a depth 2-3 inches below the soaker and insert the sensor – red dot up – at a horizontal to the ground into undisturbed soil. Use a screwdriver to bore a hole first if in clay or other hard soil. Make a note of the current soil moisture. Hard or powdery soil is too dry. This will aid you in the final moisture setting on the knob on the automatic watering controller.

WaterGreat SR-1 Installation

3) Connect the solenoid valve to a spigot. Connect the outlet to the soaker hose or other watering system, such as drip tape. Use a pressure regulator if using drip tape/irrigation. If desired, the valve can be directly installed into PVC pipe or plumbing as well. Note the IN and OUT as shown by the provided garden hose fittings already installed. If sand or debris is present in the water, place a filter in-line prior to the valve.

4) The next day make a note of the number of blinks on the controller. This gives you the current soil moisture reading. If the soil moisture is about right, adjust the knob to the same number as the blinks to give good watering. If the soil is too dry, adjust the knob up a number or two, and down a number or two if already too wet.

5) Periodically check the soil around the foundation. Adjust the knob setting up or down as desired for more or less watering.

The controller and system is now completely automatic. In the morning it waters if it needs it for eight minutes. Then every three hours it checks it again and waters if needed. This is the world's easiest to use watering system.

If on a slope as shown in the picture, optionally use two systems, placing one sensor on the wetter side and one as shown. Then your foundation will get very even moisture all round, and save you the expense of watering an area that is not needed as much.

Need a shorter or longer watering time? Need a longer cable from the valve to the controller? **SEE ADVANCED INSTRUCTIONS.**



What is the basic operation of the system?

The solar panel charges the Lithium Ion battery, and sends a signal to the control module to permit daytime watering. At daybreak and then every 4 hours, during daylight hours, two additional soil moisture level measurements are made. That level is compared with the user set 'desired' watering level. If the desired level is higher than the measured (current) moisture level, a watering cycle begins, turning on the valve for eight minutes. This amount of water prevents over-watering or water dripping through before it can be absorbed. It is possible to increase or decrease this amount of water if needed using the switches on the underside of the assembly. The user adjusts the desired moisture level by turning the knob at the top of the control assembly to raise or lower the desired moisture setting. This is just the same as turning up or down the volume on a stereo. Every twenty seconds, the LED (Light Emitting Diode) will blink and indicates the 'Current' or measured moisture level. At any time a watering cycle is initiated when the knob is turned wetter than the current reading. Watering is stopped manually by turning the knob "down." All the way down stops all watering. At night (1 blink) or if the battery is low (2 blinks) the LED flashes briefly once per minute and the controller goes into a special low power mode.

SR-1™ by WaterGreat™ LLC Limited Two Year Warranty

WaterGreat LLC warrants to its customers that its WaterGreat SR series products will be free from defects in materials and workmanship for a period of two years from the date of purchase. We will replace, free of charge, the defective part or parts found to be defective under normal use and service for a period of up to two years after purchase (proof of purchase required). We reserve the right to inspect the defective part prior to replacement. WaterGreat LLC will not be responsible for consequential or incidental cost or damage caused by the product failure. WaterGreat LLC liability under this warranty is limited solely to the replacement or repair of defective parts. To exercise your warranty, return the unit to WaterGreat LLC with a copy of the sales receipt. **YOU ARE IMPORTANT TO US. We will work with you to provide reduced pricing for any units under five years.**