



Phytotronics, Inc.

Electronic Leaf™



INSTRUCTIONS

Thank you for your purchase of the Phytotronics Electronic Leaf.

This unit is designed to control the on and off function of your solenoid valve to mist plant cuttings for propagation.

Please read all instructions before setting the unit up.

- 1) Take the unit out of the box.
- 2) Set it in a level location on your bench or the area to be controlled. The unit turns on and off by the amount of mist on the screen (leaf) so position it where water will hit the screen without obstruction.
- 3) Connect the blue cable to the transformer and the black cable to your 24-volt solenoid. Make sure connections are tight.
- 4) Your solenoid should already be hooked to a water supply, if not this would be the time to do that.
- 5) Make sure the screen moves up and down freely.
- 6) Plug the 24-volt transformer into a 110 volt GFCI outlet. Caution: watering may start when the unit is plugged in. The green light will be lit anytime the transformer is plugged in. The blue light indicates when power is being sent to energize the solenoid.
- 7) The amount of water can be adjusted in two ways. The best way is to screw the weight on the screen shaft at the back of the unit in or out to adjust the amount of water needed to turn the unit on and off (see photo to right).

8) You can also get some adjustment by moving the unit closer to or further from the mist nozzles.

9) Minor adjustments to the weight may be necessary for the first day or two until you get the specific amount of mist you need.

Make sure that you monitor the unit during the first day of use. Fans blowing on the screen or leaves touching the screen could cause the unit to remain in an on or off position.



To Reset Unit to Maximum Sensitivity Settings (these settings will result in the least amount of misting) :

- 1) Turn weight in until leaf stays down.
- 2) Screw weight out (counter clockwise) until screen comes to top.
- 3) Push screen two-thirds down and carefully release, it needs to come up completely.
- 4) If not, then turn out weight in 1/2 turn increments until it does. When it will barely go up from the

two-thirds position, this is the maximum sensitivity setting. To function well it needs the weight adjusted out a little further. For final adjustment, physically move the entire unit closer to or farther from the misting nozzles.

Note: To work properly, the dry leaf must return to the top of its travel. Hold the dry leaf down and release – it must raise on its own. Turn the weight counter-clockwise (out) until the leaf returns all the way to the up position. This is the minimum setting.

If you have questions or comments please call Phytotronics at (314) 770-0717

Limited Warranty

Phytotronics® Incorporated (“we”) warrant to the original purchaser (“you”) that the product or system accompanying this warranty (the “product”) will be free from defects in material and workmanship existing at the time of manufacture and appearing within two (2) years from the date of original purchase. This warranty applies only so long as the product is stored, installed, operated and maintained in accordance with our recommendations, and when used under proper and normal use. THIS WARRANTY SHALL BE EXCLUSIVE AND, TO THE EXTENT PERMITTED BY LAW, SHALL BE IN LIEU OF ANY OTHER WARRANTIES, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, THE DURATION OF SUCH WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS EXPRESSLY LIMITED TO THE TWO YEAR PERIOD OF DURATION OF THIS LIMITED WARRANTY. In certain circumstances, some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

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This warranty does not cover claims resulting from failure to follow instructions on installation and use, neglect, misuse, accident, modifications, alterations, acts of God, vandalism, misapplication or repairs made by you or others, use of unauthorized attachments, use on a current or voltage other than specified, or overloading.

Your remedies

If a covered defect appears during the warranty period, we will, (at our sole option), repair or replace the defective product at no charge for service or parts, provided that the product is delivered at your expense to our authorized service center. Parts and/or replacement product supplied under this warranty may be new or rebuilt at our option. Any product which is repaired or any replacement product will be covered under this warranty for the remainder of the one year period or for 90 days after repair or replacement, whichever is longer. THIS IS YOUR EXCLUSIVE REMEDY FOR BREACH OF THIS WARRANTY OR OF ANY IMPLIED WARRANTY OR OF ANY OTHER OBLIGATION ARISING BY OPERATION OF LAW OR OTHERWISE.

What is not covered by the Limited Warranty

The warranty does not include reimbursement for the expenses of labor, transportation, installation, removal or any other expenses which may be incurred by you. For instructions on how to obtain warranty service, call 314-770-0717 or write to **Phytotronics®** Customer Service, 13688 Rider Trail North, Earth City, Missouri 63045.

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