

INNO-HUMCTRL

Digital Humidity Controller

Instruction Manual



Digital Humidity Controller

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Warnings & Cautions

- Read all instructions before operating controller.
- Do not put your controller in an area where it can get wet or sprayed.
- Mount your controller securely to the wall.
- When using “bug bombs” in area, cover controller completely to avoid corrosion.
- There are no serviceable parts in controller. Do not attempt to repair the unit.
- Breaking “warranty” seal will void your warranty.
- Do not put paper clips, tools, etc. into unit. Possible electrocution may occur.
- Plug controller into surge protector to avoid potential damage to the unit.
- Make sure to verify your power source prior to plugging controller into outlet.
- Check that all equipment that will be activated by this controller is the proper voltage.
- Verify that your equipment does not exceed a total of 10 amps.
- This controller is designed for inside use only.
- Avoid placing the controller near heat generating sources.
- Use caution when operating controller in extremely humid environments.
- Do not use controller for purposes other than the unit was designed to function.
- Use controller within defined environmental specifications.
- Ask your Dealer for tips and techniques regarding the use of this controller.
- Be conscientious when disposing of any products.

Digital Humidity Controller Overview

The INNO-HUMCTRL is a digital humidity controller with a 15 foot sensor which features a accurate humidity sensor, as well as a photocell to adjust for day and night use. The unit can control a humidifying or dehumidifying device, with separate day and night humidity settings.

Operation Instructions

Dehumidify Mode: If set-point is 80%rH and the humidity is over 80% rH, the dehumidifier will be active until it lowers the humidity level to $80\% \text{ rH} - 5\% \text{ rH} = 75\% \text{ rH}$.

Humidify Mode: If set-point is 80% rH and the actual humidity is below 80% rH, the humidifier will be active until it raises the humidity level to $80\% \text{ rH} + 5\% \text{ rH} = 85\% \text{ rH}$.

Humidify/Dehumidify Mode: Press the knob for 3 seconds and turn to select the mode: (1) Humidify or (2) Dehumidify. Press the knob again to save the set-point. The correlated LED will be lit. Click the knob and the display will read “day”. Press and turn to set the day humidity level. Press again to enter night humidity setting. The display will read “nite”, turn to set and save the setting by another press.

Day mode: The controller is active only when the photocell senses light in the grow space.

24 hours: The controller is active both during the day and night.

Night mode: The controller is active only when the photocell senses darkness in the grow space.

Output: LED is lit when the output is active.

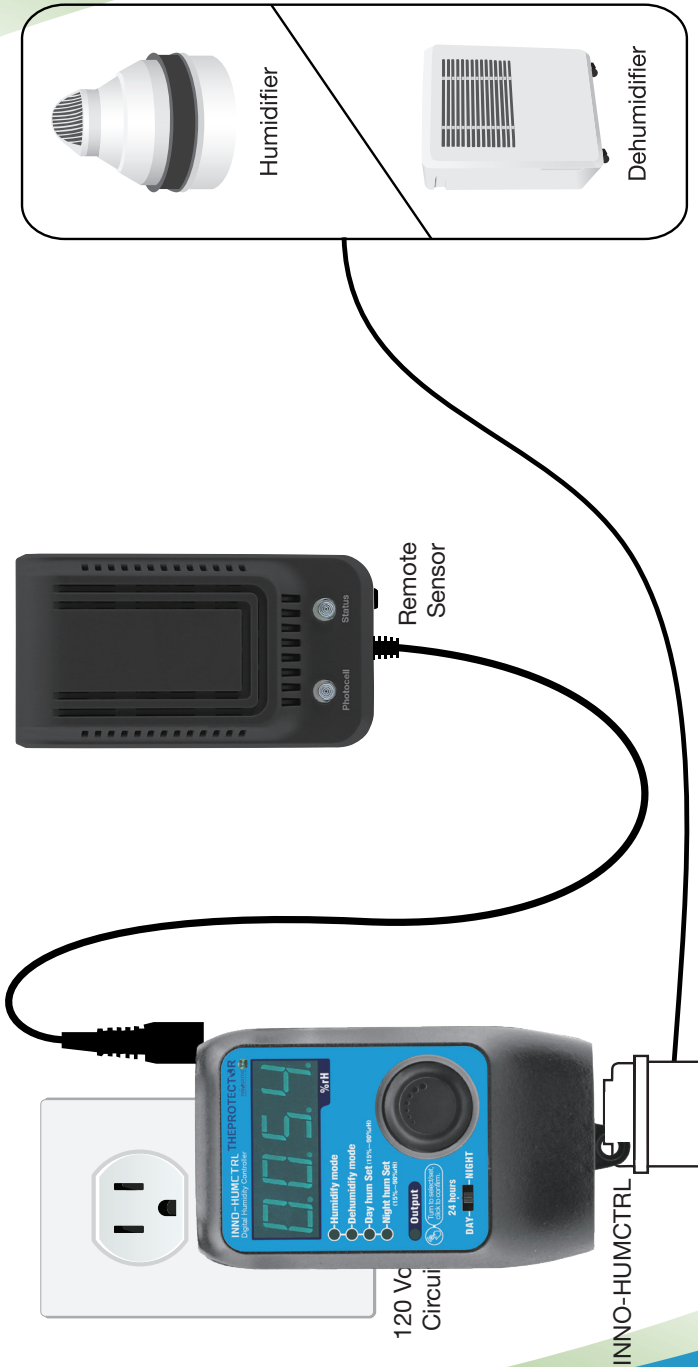
Controller Specifications

- Max Amp: 10 Amps @ 120V AC, 60Hz
- DAY Humidity Setting: Adjustable 15-90% rH
- NIGHT Humidity Setting: Adjustable 15-90% rH
- Humidity Dead-Band (Hysteresis): 5% rH
- Sensor Cord Length: 15 ft
- Weight: 2 lbs
- Dimensions: 7.6" x 3.8" x 3.6"
- Indoor use only
- Operating temperature: 50° F to 95 °F
- Maximum relative humidity: 95%

Factory Settings

- Day Humidity Factory setting: 50% rH
- Night Humidity Factory setting: 50% rH
- Humidity Mode Factory setting: Dehumidify

Installation Example:





THEPROTECTOR LIMITED PRODUCT WARRANTY

Please take the time to read through our Standard Terms and Conditions of the THEPROTECTOR Limited Product Warranty.

How Long Does The Coverage Last?

The product warranty becomes effective from the date of purchase by the purchaser. Coverage terminates if you sell or otherwise transfer the product. The repair of your product under warranty will not extend the period of the warranty. Each part has its own warranty. Please check the warranty list before you place an order.

How Do You Get Service?

Products are to be returned to THEPROTECTOR Tech Support Center under your express account. Address: 10725 Capital St. Oak Park. MI +1 248-542-1831

What is Covered?

Normal wear and tear. We will repair or replace your product if your product is found, within the warranty period, to be defective due to defective materials or workmanship existing at the time of purchase. If any part is no longer available or out of manufacture, THEPROTECTOR will replace it with a functionally-equivalent replacement part.

What is Not Covered?

THEPROTECTOR shall NOT be liable for costs of repair or replacement of a product incurred as a result of:

1. Accidental damage, faults caused by negligent use or care, neglect, careless operation or handling of the product which is not in accordance with the THEPROTECTOR Instruction Manuals.
2. Use of the parts not assembled or installed in accordance with the instructions of THEPROTECTOR.
3. Use of parts or accessories other than those produced or recommended by THEPROTECTOR.
4. External sources such as transit damage or weather.
5. Repairs or alterations carried out by parties other than THEPROTECTOR or its authorized agents.
6. Serial numbers defaced or missing.

THEPROTECTOR warrants the mechanical and electronic components of all THEPROTECTOR series to be free of defects in material and workmanship if used under normal operating conditions for a period from the original date of purchase. If the product shows any defects within this period and that defect is not due to user error or improper use THEPROTECTOR shall, at its discretion, either replace or repair the product using suitable new or refurbished parts. In case THEPROTECTOR decides to replace the entire product, this limited warranty shall apply to the replacement product for the remaining initial warranty period.

THEPROTECTOR DISCLAIMS ANY AND ALL LIABILITY, INCLUDING ANY EXPRESS OR IMPLIED WARRANTIES, WHETHER ORAL OR WRITTEN, FOR SUCH THIRD PARTY HARDWARE. THE CUSTOMER ACKNOWLEDGES THAT THEPROTECTOR HAS MADE ITS BEST EFFORTS TO MATCH ITS PRODUCTS TO WORK WITH THIRD PARTY HARDWARE OR THE ABILITY TO CONNECT TO AND CONTROL THIRD PARTY HARDWARE FOR THE CUSTOMER'S INTENDED PURPOSE. THEPROTECTOR ADDITIONALLY AND SPECIFICALLY DISCLAIMS ANY AND ALL LIABILITY FOR CHANGES, ADDITIONS OR UPDATES IN ANY WAY TO A THIRD PARTY MANUFACTURES PRODUCTS.

