

IGS-040



DAY/NIGHT COOLING AND DEHUMIDIFYING CONTROLLER

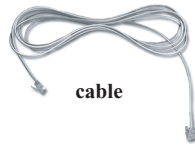
Installing the controller : (Refer to the SAFETY NOTICE for detailed instructions)

Your Plug'n'Grow™ controller contains the following items :



control box

+



cable

+



output box

Install the control box close to where the climate needs to be controlled and where light can be sensed by the photocell during the day.

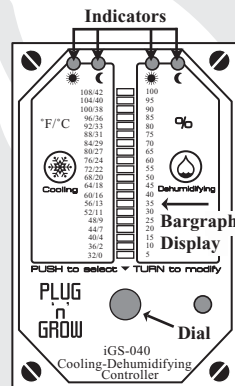
Connect one end of the cable into the control box and the other end into the output box.

Plug the output box into a 120V outlet and plug your equipment into the output box front socket.

Viewing the ambient temperature and relative humidity while controlling :

When one of the topmost indicators on the temperature (left) side is blinking, ambient temperature is being displayed on the bargraph (use left side scale). When one of the topmost indicators on the humidity (right) side is blinking, ambient relative humidity is being displayed on the bargraph (use right side scale). Turn the dial counterclockwise to view the temperature or clockwise to view the relative humidity.

The photocell will declare a night cycle when it will have sensed darkness for a continuous 8 seconds (same delay for day conditions).



Viewing/modifying the setpoints :

In this mode, the indicators don't strobe : they turn ON one by one or remain OFF.

1. Press momentarily the dial to turn on each setpoint indicator as follows : the day cooling setpoint (left ☀), the night cooling setpoint (left ☾), the day dehumidifying setpoint (right ☀) and the night dehumidifying setpoint (right ☾).

2. Once the desired indicator is lit, turn the dial to modify the current setpoint value (relative humidity from 0 to 100%, or temperature from 32°F/0°C to 108°F/42°C).

3. For a change of setpoint to take effect, the user must press the dial repeatedly to exit (that is, no indicator fully on, but only one indicator strobing among four).

Low Temperature Safety Feature :

When dehumidifying, excessive cooling may occur. To avoid this, set your low temperature limit (default value 42°F/5.5°C) as follows : view day cooling setpoint, press dial and keep pressed while turning half turn right and half turn left. Two left indicators will turn on. Release dial, turn to change limit value and, to exit, press dial until all indicators turn off.

Take note that all values are displayed in the following manner :



Maximum switching load : 120V, 15A, 1HP.

For technical assistance : dial 1-888-577-6274 / e-mail : info@igrowing.ca

Visit our web site : www.igrowing.ca

INTELLIGENT GROWING SYSTEMS.

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