

VSC-DNe - Day/Night Temp Variable Fan Speed Controller



C.A.P. offers a full range of equipment for the growing enthusiasts. The VSC-DNe is designed to gradually increase or decrease the speed of centrifugal fans depending on the day or night temperature set-points. The variable fan speed controller enables you to determine precise temperature levels to achieve within your growing environment by way of proper ventilation. With the VSC-DNe your grow room will never experience huge fluctuation in temperature caused by fully powered centrifugal fans.

Overview

The VSC-DNe has a built-in photocell to determine its operation during Day or Night.

The VSC-DNe has an adjustable temperature switch that can be set at 3°F, 5°F, or 7°F.

The Day and Night temperature knobs can be set between 50°F and 100°F.

The 12' External Temperature Probe is highly sensitive, accurate & reliable.

The VSC-DNe can control your centrifugal fan speed in relation to the Day and Night temperature set-point.

Connections & Operation

The VSC-DNe is extremely easy to use. Once connected, the temperature will be maintained at the level you set provided you have proper ventilation and cooling/heating devices. Plug your centrifugal fan into the outlet on the front face. Plug the VSC-DNe into a standard 15 AMP, 120 Volt outlet.

- 1) Determine the desired location for the VSC-DNe. The cord from the fan you are planning to control must be able to reach the outlet on the front of the VSC-DNe timer. You can plug your device in now.
- 2) Set the Day Temp knob to the temperature that you wish to maintain during the day. Set the Night Temp knob to the temperature that you wish to maintain during the night. If you do not wish to control your temperature during one of those photoperiods, set the appropriate knob to the highest or lowest possible temperature.
- 3) Set the switch on the left side of the VSC-DNe to the temperature accuracy you desire, either 3°, 5° or 7° degrees. The setting is the number of degrees above or below your set point before the VSC-DNe turns off the outlet. There will be a gradual decline on your fan speed as the temperature reaches your set point.
- 4) Plug in the VSC-DNe timer into a wall outlet. It can take up to a minute for the photocell to determine day or night.

NOTE: If your speed controller is not determining day or night correctly, check to see that there are no light sources directly in front of the photocell and move it to a different outlet.

Precautions

DO NOT expose the VSC-DNe to water. Electrical shock may occur.

DO NOT kink the capillary tubing! Your temperature will not read correctly.

DO NOT not open the VSC-DNe. There are no user serviceable parts inside.

DO NOT exceed the 15 AMP rating!

Warranty

The VSC-DNe is warranted against defects in workmanship and parts for three years from the date of purchase. Contact tech@capcontrollers.com



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