Vivarium Electronics Model VE-100

Thank you for selecting Vivarium Electronics to meet your thermostat control needs. The Model VE-100 thermostat features a built in clock, on/off operation and optional night drop capability. Please see the product specifications at the end of this document for full feature list.

Installation:

- Your new VE-100 thermostat includes the VE-100 unit, a 10 foot replaceable temperature probe and a 6 foot power cord.
- Install the temperature probe in the RJ-11 jack on the rear panel of the thermostat. Use the jack labeled "probe".
- The included power cord will need to be plugged into the rear panel as well. Plug the power cord into any standard, grounded wall power outlet.
- Plug your heater(s) into the AC Out grounded receptacle. You may use an outlet strip/Surge Protector for convenience. Your total heater wattage can not exceed 700 Watts.
- Indoor Use Only

Once your VE-100 has been installed you will see a short startup screen before moving to the default display. The display will show the current time (flashing if it has not been set), the current Set Point and the current probe temperature.

Warning: Fire, electrical shock and unit failure can result from improper installation and misuse.

Menu Options:
You can now program your VE-100 by depressing the "Enter/Menu" button. Be sure to save your new settings by depressing the "Enter/Menu" button. The VE-100 will confirm the new setting by displaying "Entry Accepted". If you do not then your changes will not be saved!
Once you have entered the menu you can navigate through your choices using the +/- keys. You will have the following options:

- **Set Daytime Temperature**- Use the +/- keys to select your desired temperature setting.
- **Night Drop Amount**- This feature will only be accessible if the optional Night Drop Module is installed. Use the +/- keys to select the number of degrees you want your temperature to drop at the start of the night temperature period. Example- If your Daytime Temperature setting is 80°F and you wish to drop to 70°F at night you would enter a value of "10°F". If you DO NOT wish to have a night temperature drop then use a value of "0°F". Please refer to the Night Drop Module instruction sheet for further information on use of the module.
- **Set Time of Day**- Set the current time. This will display the correct time on the default display and also act as the clock for your day and night temperature cycle if being used.
- **Power output**- The green indicator light on the front panel shows the power output level. A steady off display indicates no power output. A steady on displays a full power on to the heater. If flashing the rate of flash indicates the level of power being applied to the heater.
- **Hysterysis-** This setting is the number of degrees below the set point that power to the heater will be turned back on. For example: A set point of 90° with a hysterysis of 2 will turn power to the heater back on when the probe temperature falls to 88°.

IMPORTANT:

With any thermostat or control device it is very important that you inspect your thermostat sensor probe location and the integrity of your heat source on a regular basis. If using under tank/tub heating it is especially important you check the element on a regular basis and ensure that it is not above 105° F actual temperature under the enclosure or an unsafe condition can arise. Heat can become trapped in these areas and unless monitored can cause element failure. Monitor the temperatures of your basking and cool areas to ensure a happy, safe environment for your animals.

It is also a very good idea to thoroughly test a new enclosure set up prior to introducing animals to it. We at VE have been keeping reptiles for over 25 years and have found that it is very important to test the maximum heating capability of your enclosures. Ideally your animals will be able to escape lethal heat levels should something go wrong or malfunction.

An ideal balance of enough heat capability to reach your temperature goals and not enough potential to kill your animals should you have a malfunction with any part of your heating or heating control systems can be a life saver for your animals. Every enclosure set up is a little different; every room temperature is a little different. Learn your setup and its capabilities- adjust your heat source as needed to get the maximum level safety for your animals.

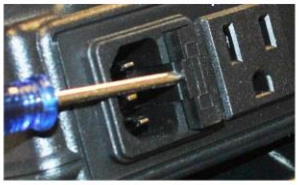
Questions or Comments?-

You can contact Vivarium Electronics for support, general questions and other inquiries at inquiry@reptilebasics.com
Visit the VE website for further information and to find a reseller near you at www.vivariumelectronics.com

Vivarium Electronics is a division of Reptile Basics Inc.

Specifications:
700 Watt maximum Load
Fuse- 5mmx20mm glass fast acting 6.3 Amp
Operating Range- 40°F to 140°F
Night Drop- 30°F Maximum – requires optional Night Drop Module

To check/change the Fuse in your VE thermostat: Remove the power cord from the unit and gently pry the fuse holder out. There you will find the fuse and a spare.



Limited Lifetime Warranty:
Vivarium Electronics warrants all components and workmanship of this unit. Vivarium Electronics makes no warranty expressed or implied, other than that stated herein. Vivarium Electronics warranty of merchantability or any other warranty, including this limited warranty, shall be limited solely and exclusively to the repair or replacement of a defective product. Vivarium Electronics will in no event be liable for any special, incidental or consequential damages. This warranty does not include failure caused by accident, misuse, any damage from any source or connection to faulty or inappropriate electrical source.
This warranty shall be voided in the event the product is altered or tampered with in any way or used for any purpose other than that for which it is intended

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