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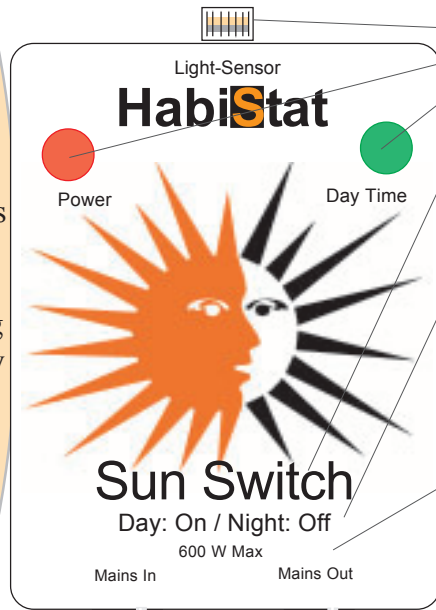
HabiStat

THERMOSTATS

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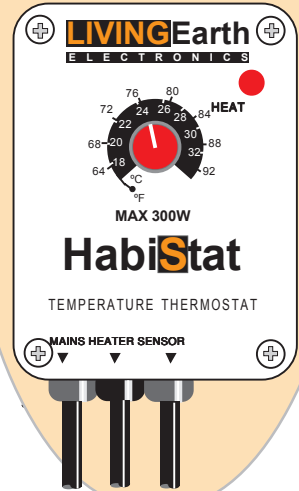
- Electronic, light activated switch for mains equipment.
- Switches up to 600 watts off when the light levels fall and on again when they brighten.
- Used in sophisticated management of environmental heating and lighting.

Both leads are supplied at a useful length. This allows for the maximum flexibility. As the leads must not be cut, they can be tidied with cable ties and this will accommodate any extra wire. The long wires mean virtually any cage can enjoy the benefits of HabiStat control. This brings unparalleled choice, convenience and safety.



- Light Sensor.
- Red LED power indicator.
- Green LED lights when the Sun Switch is ON.
- A fully specified HabiStat instrument that meets all current standards.
- An electronic switch that turns the power on when exposed to light and off in the dark.
- 600 watts at 230 V, 50 Hz AC
- Fitted Mains Plug and Output Socket for ease of use.

Heater, heater & thermostat, lights or any other equipment that is to be switched on during the day and off at night.



The three pin socket is the power output from the switch. Plug in whatever equipment is to be switched on and off but do not exceed the 600 watt limit.

The fitted three pin plug is for connection to the domestic mains. It is supplied with a 3 amp fuse which must be replaced with one of the same value if it blows.

Guarantee

Thank you for buying this HabiStat electronic thermostat. Used in accordance with the instructions this unit will give many years service. There are no user serviceable parts in this unit, so **please do not open it**. Any tampering including the cutting of any wire, will render the guarantee void. This thermostat is guaranteed for one year from the date of purchase against faulty parts and workmanship. In the unlikely event of failure, return it to our distributor, Herp Shop, with a **receipt or proof of purchase** and details of the fault. Herp Shop will ensure your unit is returned to full working order. No liability is accepted other than for the repair or replacement of a faulty product. Statutory rights are not affected



Basic Guidelines for Heating Vivaria

Reptiles are Ectotherms, that is they heat themselves and regulate their body temperature by means of the environment. They move in and out of hot and cool areas to maintain their preferred temperature. It is therefore important that the vivarium has a suitable temperature gradient for the reptiles to behave naturally.

The heater should be placed at one end of the vivarium in a condition that does not heat the whole of the enclosure. In this way the temperature will vary between the hot area near the heater and the cooler areas at ambient temperature. For even greater sophistication, temperatures can be varied with time so that natural warm days and cooler nights are experienced. In the past, time switches have been used

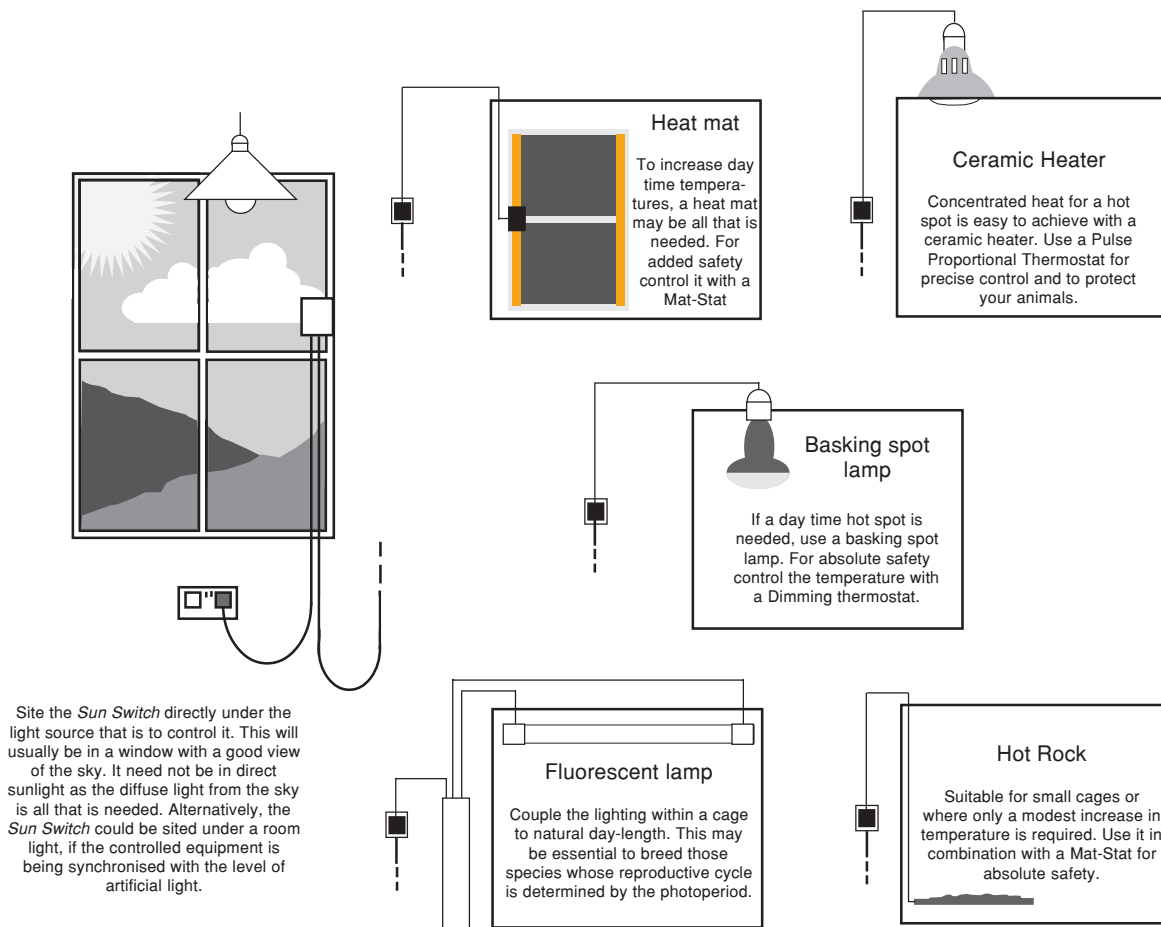
to switch heaters and lights on and off.

The problem with this arrangement was that the subtle changes that occurred with the seasons were not duplicated. Unfortunately it was found that these seasonal changes were the very things that controlled important functions like reproduction.

Clearly what was needed was a

light switch that was triggered to mimic the rising and setting of the sun.

The *HabiStat Sun Switch* does just that. Along with other *HabiStat* products, there is little to match the superb environmental control this systems offer. Indeed, even laboratory set ups costing many times the price, fail to offer the precision and value the *HabiStat* system delivers.



Alternative uses of the Sun Switch, either alone or in combination

...Using the Sun Switch

The *Sun Switch* is a light activated mains electricity switch. When the *Sun Switch* is in the light, the power will be switched **on** and when it is in the dark, the power will be switched **off**. The difference between the on and off levels has been adjusted so that the unit does not flicker at the triggering point nor will it switch on and off due to

minor variations in brightness.

Essentially, the unit detects day and night and can therefore switch things on that are required during daylight hours. The range of items that can be switched is only limited by a maximum load of 600 watts and the imagination.

Most uses will include switching those things that

act like an artificial sun, that is heaters and lights. One of the major advantages of the *Sun Switch* is that natural day/night cycle is duplicated, including the seasonal variations of long day length summers and short day length winters.

The *Sun Switch* is the ideal unit to switch heaters and lights in sequence with the natural photoperiod. Because in nature the sun

supplies both heat and light, it may be sensible to provide both from the *Sun Switch*. A simple multi-socket could be used as long as the total load does not exceed a maximum of 600 watts.

In conjunction with a *Sun Switch*, the equivalent switching on of dark activated equipment can be achieved with a *Moon Switch*.