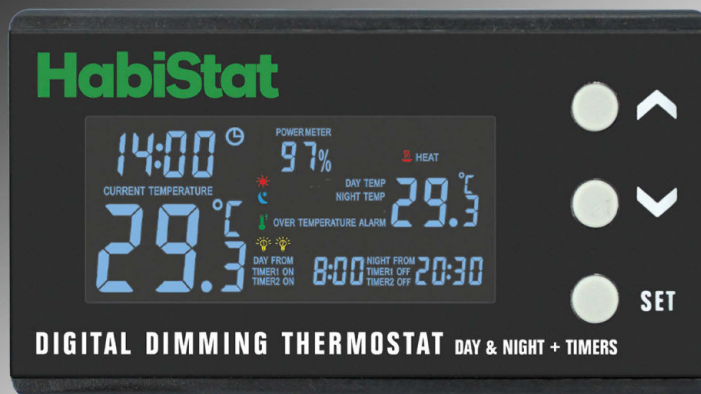


HabiStat

Digital Dimming Thermostat



New Design

**DIGITAL DIMMING
THERMOSTAT**

with improved
safety features

Heater short circuit protection:

Dimming Thermostats are sensitive scientific instruments that are vulnerable to heater short circuits that can render the thermostat inoperative.

To protect against this and to ensure your animal's safety, HabiStat Dimming Thermostats have two built-in safeguards:

1. Super Fast Blow Fuse – ensures the fuse blows before the heater short circuits and damages the thermostat.
2. Safety Cut Out – turns your heater off in the event of the thermostat being damaged by a heater short circuit.

We recommend setting your over temperature alarm to around 3°C to ensure the safety cut out is not activated by a small increase in ambient temperature.

What to expect if the unit experiences a heater short circuit and is damaged:

- If the set temperature exceeds the over temperature alarm setting, the safety cut out will turn the heater off and the alarm will sound.
- The temperature will slowly drop back to the set temperature and the unit will return to functioning normally.
- If there is a damaged component and the over temperature alarm setting is exceeded for a second time, the unit will turn the heater off completely
- The alarm will sound, and the display will show Er.r. The heater will not come back on.
- To safeguard against false readings this over temperature alarm setting must be activated twice in 20 minutes. If it is only activated once, the unit will return to functioning normally and the first overheat signal will be erased.
- To reset the unit press ^ and SET buttons together for 3 seconds and the unit will turn back on. Monitor the unit to see if it dims the heater up and down.
- If the display shows the Er.r code for a second time the unit has been damaged by the heater failure and needs to be repaired or replaced.

Thermostat Internal temperature safeguard

If the thermostat's internal temperature increases above the safe threshold of 50°C the power will be cut to the unit. The display will show HH.H

Once the temperature reduces, the thermostat will automatically turn back on and the display will return to normal. To avoid this happening, ensure the unit is placed away from heat sources.

Press the ^ arrow briefly and the display will show the current temperature of the thermostat unit.

New LED display

The display is illuminated with 4 LED's, one on each corner.

The display life is extended due to the LED's alternating on a 12 hour cycle.