

TANK HEATER

This circuit was designed to control the temperature in a tank for a tarantula. The heater is a 12v 25W halogen bulb which is ideal for a small tank. The output produces PWM pulses of variable duty cycle.

This is controlled by the sensor and temperature setting VR2 which has a range of about 5 - 40 degrees C.. VR1 controls the pulse frequency which is set around 50Hz.

The sensor should be placed at one end of the tank and the heat source in the middle somewhere.

