

The TurboFlex OL 3000 thermal controller provides easy-to-use heater control using single-button adjustment to advance by pre-set increments set at six different percent settings against full power. No sensor is involved. Ideal for applications where the ambient temperature is consistent and the heater is designed to provide the desired maximum thermal output at the fixed input voltage.

Excellent for applications where the thermal result does not need to be precise (such as general warming) and where the OEM wants to offer end-users a simple way to make thermal adjustments using one button.

The controller utilizes the input power of the heater without the need for a separate power supply. Full output power is cycled on/off at the percent setting pre-defined by the client at the time of the order. The settings are installed by TurboFlex.

The OL 3000 is custom-programmed at TurboFlex with six specific percent settings defined by the customer. Customers order online and will be prompted to add the percent setting within the shopping cart.

- Phillips head terminal block bare wire attachment (power input, mounting hardware and power output lines not included)
- Last setting is restored if input power is interrupted
- Flanges extend .5" per side. .200" diameter mounting holes in flanges 3" OC
- Physical data: Square body: 2.5" X 2.5" X 1"
- Operating voltage: 5 to 24 volts DC
- Operating current: 10 amp maximum
- It is recommended that supplemental thermal overload protection (thermal fuse) be incorporated.

Two-Year Limited Warranty: Purchasers are responsible to determine the fitness of use, the model selection and the application of TurboFlex products. Above claims are general performance guidelines only. TurboFlex's sole responsibility under this warranty, at TurboFlex's option, is limited to replacement or repair, with the purchaser responsible for the cost of shipping for service. No claims will be allowed for direct or indirect damages beyond this product.

Open Loop Controllers

OL 3000 Series

EXAMPLE OF SETTINGS

Setting 1 – 100%. Full input power is passed through to the heater at 100%

Setting 2 – 90%. Full input power is transmitted through the controller but duty-cycled at 90%

Setting 3 – 80%. Full input power is transmitted through the controller but duty-cycled at 80%

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Setting 7 – 0%. No input power is transmitted to the heater

