Compact Temperature Controllers for Lab Heaters

CBC990 Series

1 YEAR WARRANTY

Bulb and Capillary Controllers

- Rugged, Cast Aluminum Case
- Simple 1-Control Adjustment
- Ready to Use—No Wiring Necessary, Just Plug In
- Automatic Control
- Economical Closed Loop Control
- 1.2 m (4') Copper Bulb and Capillary

The OMEGALUX® Series CBC controller utilizes a bulb-and-capillary type sensor to control a single-pole, single-throw switch. Once the temperature is set, it is automatically maintained by the controller. The control is housed in a rugged, cast aluminum enclosure and has an easy-to-read dial. No wiring is required, as the heater is plugged into the control unit.

Applications

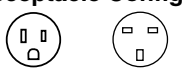
CBC controllers are designed for indoor use to control the temperature of small tanks, drums, pipes or other applications requiring automatic temperature control.

Specifications

Switch: SPST with "off" position

Connection to Heater: Heater plugs into the receptacle built into the controller

Receptacle Configuration:



120 V 240 V

Dimensions: 102 L x 89 W x 79 mm H (4 x 3.5 x 3.125")

CBC991-250 shown smaller than actual size.

To Order

Model Number	Temperature Range	Amps	Volts
CBC991-250	16 to 121°C (60 to 250°F)	15	120
CBC991-550	66 to 288°C (150 to 550°F)	15	120
CBC992-250	16 to 121°C (60 to 250°F)	15	240
CBC992-550	66 to 288°C (150 to 550°F)	15	240

Ordering Example: CBC991-550, *compact temperature controller, 66 to 288°C (150 to 550°F) temperature range.*

CPP940 Series

1 YEAR WARRANTY

Percentage Controller

- Rugged, Cast Aluminum Case
- Simple 1-Control Adjustment
- Ready to Use—No Wiring Necessary, Just Plug In

The OMEGALUX® Series CPP percentage controller is a manually adjustable control which provides variable selection of average heater power. The controller varies the proportion of "off" and "on" time of the heater. Thermal characteristics of the heated item will determine the setting of the manually adjustable controller knob. The controller does not use a temperature sensor; therefore, operation requires occasional supervision under changing load conditions.

Applications

OMEGALUX® percentage controllers are designed for indoor use to control the temperature of small tanks, laboratory heaters, pipes, and drums in which the control of average power is desired and precise control is not required.

Specifications

Switch: DPST

Connection to Heater: Heater plugs into the receptacle built into the controller

Dimensions: See CBC Series above

CAUTION AND WARNING!
Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel.

CPP941 shown smaller than actual size.

Model No.	Volts	Amps
CPP941	120	15
CPP942	240	15

Ordering Example: CPP941, *percentage controller, 120 V, 15 amps.*