

# Compact Temperature Controllers for Lab Heaters

## CBC990 Series

**\$137**

All Models



### 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

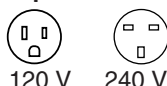
CBC controllers are designed for indoor use to control the temperature of small tanks, drums, pipes or other applications requiring automatic temperature control.

### Specifications

**Switch:** SPST with "off" position

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

**Receptacle Configuration:**



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



CBC991-250, \$137, shown smaller than actual size.

### **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)				
Model Number	Price	Temperature Range	Amps	Volts
CBC991-250	\$137	15 to 120°C (59 to 248°F)	15	120
CBC991-550	137	65 to 290°C (149 to 554°F)	15	120
CBC992-250	137	15 to 120°C (59 to 248°F)	15	240
CBC992-550	137	65 to 290°C (149 to 554°F)	15	240

**Ordering Example:** CBC991-550, compact temperature controller, 65 to 290°C (149 to 554°F) temperature range, \$137.

## CPP940 Series

**\$115**

All Models



### 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.



CPP941, \$115, shown smaller than actual size.

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

### **AVAILABLE FOR FAST DELIVERY**

To Order (Specify Model No.)			
Model No.	Price	Volts	Amps
CPP941	\$115	120	15
CPP942	115	240	15

**Ordering Example:** CPP941, percentage controller, 120 V, 15 amps, \$115.



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters