

- Plug it in
- Tune it
- Use it...!



BT-15 Series Temperature Controller

- Very Easy to Use!
- Complete Package Control System
- Bench Top, Small Enclosure
- Prewired, Plug into a Wall Outlet
- Accurate... Low cost... High Quality
- Solid State Relay Output
- Auto-Tune, PID

The BT-15 Series combines simple install, easy operation and accurate temperature control. This offers a full 15 Amp, economical and elegant solution to your single point heater control requirement...

Enclosure:	Sloped Front, 5" X 6" X 7" Deep
Controller:	PID, Auto-Tuning -99° to 2500° F/C Single or Dual Display.
Adjustments:	Via Front Panel, Setpoint, Mode
Sensor/Range:	J, K, T, S, R Thermocouple, RTD
Switching:	0 Fired SSR,
Accuracy:	+/- 0.25% +/- 1°F
System Output :	15 Amp SSR (Over-designed 40 Amp)
Operating Volts:	120 or 240 Volts AC
System Cooling:	External Heat Sink

Contact HTS/Amptek, or your representative, for special configurations of our BT Series Control Systems...

Choose a Single Display Controller... ...or Dual Display.

The BBA-100 Single Display controller is an economical choice that will display process temperature in 3 digits. (Press the square button to see setpoint) The BBA-100 is limited to a range of 0° to 999° and sensors of J or K thermocouples or RTD.

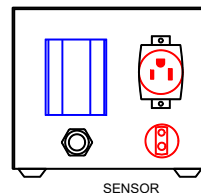
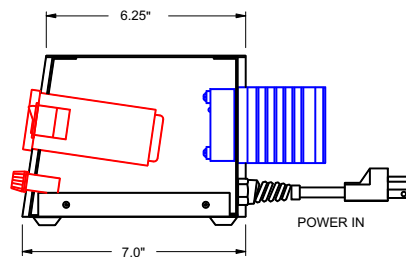
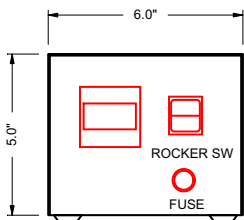
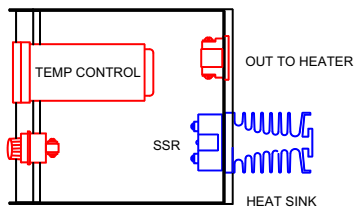


The BBA-500 dual indicating 4 digit controller will display both process temperature and setpoint continuously. Sensors are J, K, T, S, R thermocouple or RTD.

Both are SSR output with Auto-Tune PID Logic.

www.heatingtapes.com

HTS/Amptek Company
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(800) 965-4316

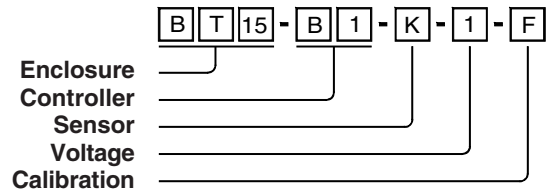


BT-15 Series Temperature Controllers

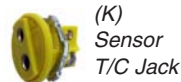


Solid State Relay output is standard on all models. In addition, the external heat sink captures heat generated by the SSR, and moves it out of the enclosure... A fuse is located through the front panel, and is sized to clear if the rated maximum load is exceeded.

Controller Model Number Configuration



- Enclosure:** BT = Bench Top Enclosure
- Controller:** B1 = Single Display
B5 = Dual Display
- Sensor:** J = J Thermocouple
K = K Thermocouple
1 = 100 Ohm RTD
T = T Thermocouple (B5 only)
R = R Thermocouple (B5 only)
S = S Thermocouple (B5 only)
- Operating Voltage:** 1 = 120 VAC
2 = 240 VAC, 1P
- Calibration:** F = Degrees F
C = Degrees C



(K)
Sensor
T/C Jack



(B1)
Single
Display



(B5)
Dual
Display

Contact HTS/Amptek, or your representative, for Wall Mount or Portable versions of the BT-15...

HTS/Amptek BT Series controllers are ideal for heater loads that require rugged, accurate control at an economical price. Custom products from HTS/Amptek such as Heating Jackets and Heating Blankets, and standard Heating Tapes all require control. The BT Series is ideal for Laboratory applications where a "bench top" location is desired.



Tubular
Heating Jackets



Custom
Heating Jackets



Heavy Insulated
Heating Blankets



Lab and Industrial
Heating Tapes



www.heatingtapes.com

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