

- 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**
- **Dual Display, 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...

Painted Enclosure:	Sloped Front, 5" X 6" X 7" Deep
Controller:	PID, Auto-Tuning -99° to 2500°
Calibration:	Selectable, Degrees F or C
Adjustments:	Via Front Panel, Setpoint, Mode
Sensor:	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:	Available 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...

Very Easy, Programmable Controller... ...Dual Display, PID, Auto-Tune.

The BBA-200 Series, bright display, 4 digit controller will display both process temperature and setpoint continuously. Sensors are J, K, T, S, R thermocouple or RTD. Programmable features include °C or °F, and resolution of 1 or .1 degree.

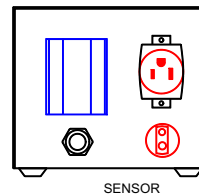
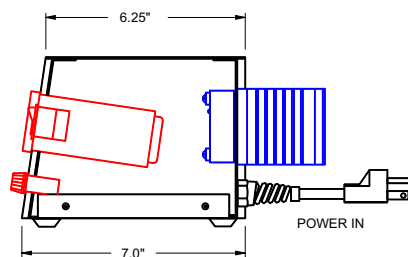
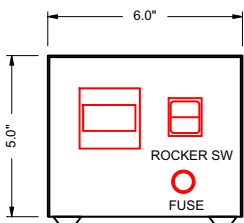
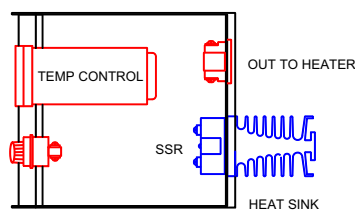


The output is Solid State Relay with easy, accurate Auto-Tune PID Logic.



Front Panel Programming, and the "Slide-Out" controller chassis design, provides maximum convenience.

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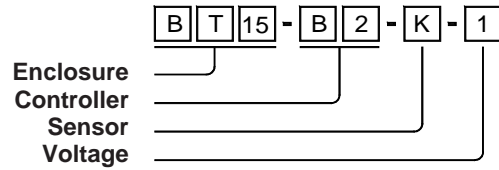


BT-15 Series Temperature Controllers



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
Max Current: 15 = 15 Amp
Controller: B2 = Dual Display, Single Output, SSR
 BN = Other
Sensor: J = J Thermocouple
 K = K Thermocouple
 1 = 100 Ohm RTD
 T = T Thermocouple
 R = R Thermocouple
 S = S Thermocouple
Operating Voltage: 1 = 120 VAC
 2 = 240 VAC, 1P



(B2)
2 Display
1 Output



(K)
Sensor
T/C Jack



(1)
120V



(2)
240V

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



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