



BTC15 & GTC15 Hot Runner Controls

ADVANCED SERIES • MOST FEATURES • LOW COST

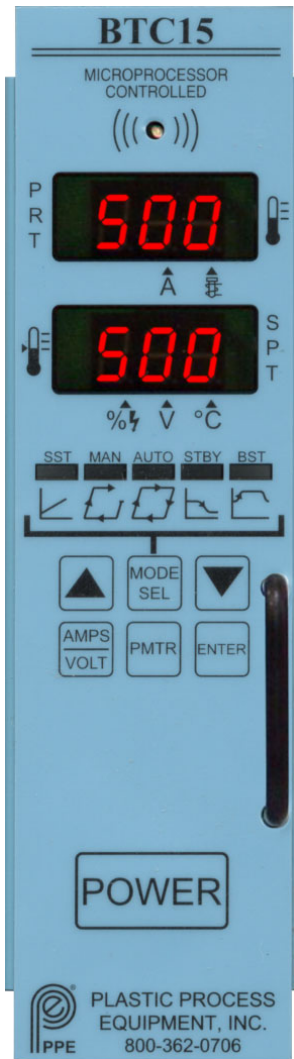
PPE's Advanced Series Micro-Processor-Based Temperature Control Modules are designed using advanced technologies for the plastics industry's stringent molding requirements. The modules are fully automatic and self-tuning, using selectable AccuComp Cycle or PID power control with fuzzy logic to make intelligent decisions for reliability, precision and minimizing electrical stress on heaters. The controllers come with state-of-the-art touch key front panel controls with universal symbols, Soft Start to prolong heater life and dry out of heater moisture, open loop (manual), closed loop (automatic), built in diagnostics with alarms, amps and volts display.

Both Models Feature Anti-Arcing Protection for Safe Changes.

-FEATURES-

- Industry standard "G" size modules.
- Energy saver power control algorithms with fuzzy logic intelligence.
- Automatic Soft Start to prolong heater life and moisture bake out.
- Real time diagnostics.
- Over current protection.
- High voltage T/C input protection.
- Short triac protection.
- Anti-arcing protection.
- 120VAC/240VAC (50Hz or 60Hz).
- Degrees °C or °F.
- Power response time <0.073 sec.
- Accuracy +/- 1°F or +/- 0.5°C.
- Bumpless control for TC Break hold.
- Electrically isolated with grounded front panel for operator safety.
- Zero crossing triac triggering for minimum RFI.
- Plug-in design for module interchangeability.
- Real-time diagnostics fault detection:
 - Open, reverse and shorted T/C
 - Over/under temperature
 - Shorted triac or heater
 - Opened triac or heater
- Automatic power response to any heater type or size.
- Dual display:
 - Set Point, Process Temperature, Percent Power, Parameters and Faults, Amps and Volts
- Audible alarm with inhibit.
- Security lock-out of front panel.
- Software T/C linearizing for cold junction compensation.
- Type J and Type K
- 15 Amp, 240 VAC

2 YEAR WARRANTY



SPECIAL SALE

MODEL BTC15

1-7 ~~\$180.00~~
8+ ~~\$170.00~~

\$160⁰⁰ ea.

SPECIAL SALE

MODEL GTC15

1-7 ~~\$200.00~~
8+ ~~\$190.00~~

(Requires "MFCP" Mainframes)

\$180⁰⁰ ea.

Model GTC15 Adds:

- Global Settings (*sends the following settings to all or grouped controllers*):
 - Set Point, Parameters, Power-On, Start, Halt, Standby and Boost
- Start & Halt keys
- Even Temperature Rise
- T/C Slaving
- External Alarm Output
- Remote Standby Input
- Requires "MFCP" Communication Mainframes



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