



SOUTHEAST THERMAL SYSTEMS

WWW.SETHERMAL.COM

SALES@SETHERMAL.COM

phone: 704-399-4248

Bench Top Control Panel Application Sheet

Part Number Builder: BT- _____ - _____ - _____ - _____ - RTD
Amps Volts Phase Heater kW Circuit(s)

Example Part Number: BT- 20 - 120 - 1 - 300 - 1 - RTD

Standard Features Included Up to 1000°F

- | |
|---|
| 1. NEMA Type 4/NEMA Type 12 - Both Painted Steel Wall Mount Enclosures |
| 2. Main Disconnect w/Breaker |
| 3. Proportional Integral Derivative (PID) Digital Control w/Process Alarm (RB100) |
| 4. Power Cycling Devices Solid State Relay (SSR) |
| 5. Control Power On/Off Selector Switch |
| 6. Power Light On (Green) |
| 7. Alarm Light (Red) |
| 8. Reset Push Button Mometary (Black) |
| 9. Alarm Dry Contact NO/NC (For Customer Supplied OK To Run Signal) |
| 10. Sensor RTD M12 Patch Cord, 3 Meters, Straight Male/Right Angle Female |
| 11. M12 Receptacles |
| 12. Heater Mating Bulkhead Type Plug/Receptacle |
| 13. Power Supply Cord 12-14 AWG 15 Amp |
| 14. All Necessary Pre-Wiring, Sub-Fusing, and Terminal Blocks |
| 15. Funtionality Tested |
| 16. Schematic 2-D CAD Design |



Straight
male

Female
90°

RTD M12 Patch Cord, 3 Meters,
Straight Male/Right Angle Female



Heater Mating Bulkhead Type
Plug/Receptacle