



SOUTHEAST THERMAL SYSTEMS

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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						
1. NEMA Type 4 or NEMA Type 12 - Both Painted Steel Wall Mount Enclosures						
2. Main Disconnect w/Breaker						
3. Proportional Integral Derivative (PID) Digital Control w/Process Alarm						
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 Patch Cord, 3 Meters, w/Male & Female Bulkhead Connectors						
13. Heater Mating Bulkhead Type Receptacle						
14. Power Supply Cord 12-14 AWG 15 Amp, 3 Meters						
15. All Necessary Pre-Wiring, Sub-Fusing, and Terminal Blocks						
16. Funtionality Tested						
17. Schematic 2-D CAD Design						

Additional Options	Check Box
1. Thermocouple Input	<input type="checkbox"/>

Bench Top Control Panels						
Amps	Volts	Phase	Max kW	Circuits	Panel Size	Part Number
20	120	1	1.9	1	12 x 7 x 7	BT-20-120-1-1900-1
	240	1	3.7	1	12 x 7 x 7	BT-20-240-1-3700-1
	240	3	6.5	1	18 x 10 x 10	BT-20-240-3-6500-1
	480	3	13	1	18 x 10 x 10	BT-20-480-3-13000-1



Straight
male

Female
90°

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



Heater Mating Bulkhead Type
Plug/Receptacle