



The New M2B+ Controller From Sterlco

Standard Features

- PID Control for both heating and cooling
- 4 line x 20 character LCD Display Screen
- Setpoint, To Process, From Process, and DT displays
- System status
- Password protection
- Selectable sensor types (Type K, J, & T thermocouples; 100 ohm and 1000 ohm RTDs)
- Autovent sequence (adjustable from 1 to 10 minutes)
- Sixteen segment Ramp/Soak program
- Start, stop, vent, and alarm silence switches
- Sensor inputs for pressure switch, pump rotation/phase loss, safety thermostat, weld contact, and for pump tank applications high and low water level.
- Switch input for second setpoint and remote start
- Cascade control with remote input sensor
- Triac outputs for heating and cooling
- Crash (Quick) cool feature
- Alarm outputs for temperature (absolute and deviation), low or high flow (with optional flow meter), open temperature sensor, low water pressure, pump failure, over temperature, contactor weld, high and low water level (for pump tank units).
- Analog setpoint temperature input (current or voltage)



Optional Features

- Analog output for heating (SCRs) and cooling (modulating valves)
- Analog retransmission of Setpoint or To Process temperature
- Analog retransmission of flow (with optional flow meter)
- Flow meter input
- RS-232 or RS-485 Modbus communications
- RS-485 SPI communications

The M2B+ Control

