

Sterlco® TC110 SERIES

Water Temperature Control Unit



Technical Specifications

The Sterlco® TC110 Series Water Temperature Control Units offer competitive pricing, short lead times, and utilize a simple design to meet basic TCU needs. These simple products provide a leaving water temperature up to 250°F (121°C). The tight temperature control of $\pm 1.5^{\circ}\text{F}$ (0.8°C) allows for more efficient production through increased temperature consistency and control.

AVAILABILITY

- Large quick ship inventory
- Options available with quick ship units
- 2 day turnaround for majority of product offering

VALUE

- High quality at a low cost
- Durable, proven design
- Budget conscious, basic needs TCU

SERVICEABILITY

- Simple, quick access design
- Open access to components
- Easily removable side panels
- Industry standard controller

Features

Standard Features

- 1/16 DIN temperature controller with Process and Setpoint LED readouts
- Graphic control panel with indicator and warning lights
- Compact cabinet with 2" casters
- Immersion heater with IEC contactor
- Integrated motor circuit protector
- 3/4" water supply, 1.5" process connections, valve size matches drain size
- 150 psi (10.3 bar) pressure relief valve
- Independent high temperature safety thermostat
- Adjustable low supply water pressure switch, factory set at 16 psig (1.1 bar)
- 3/4 hp through 3 cast iron process pumps with SICB/carbon mechanical seals
- Automatic vent sequence

- Quick cool switch
- 1 year warranty on parts and labor at the factory
- 3 year warranty on controller

Optional Features

- 12 kW heater
- 1/2" cooling solenoid valve
- Manual bypass (shipped loose)
- Pressure regulator/relief valve for water supply (shipped loose)
- Pressure gauges (shipped loose)
- Y-strainer (shipped loose)
- Hammer arrestor (shipped loose)
- Auto system water purge (mold purge) (shipped loose)
- Ten foot power cord; no plug (shipped loose)
- Rubber feet (shipped loose)

