



TC SERIES TEMPERATURE CONTROLLERS

Available from ½ to 3 HP with 4½ to 18 kW Heaters



TC-1



TC-2

HIGH-QUALITY TEMPERATURE CONTROL FOR INJECTION MOLDING

Rated for water temperatures from 32°F to 230°F, Cooling Technology's TC Series Temperature Controllers provide the best value in the market today.

Cooling Technology's TC Series Temperature Controllers are made with the best available components such as premium quality solenoid valves, high flow pumps with leak-resistant silicon carbide seals and rugged incoloy heaters for years of maintenance-free operation.

FEATURES

- Minimum use of threaded fittings to prevent leaks
- Electronics protected in separate bay with hinged lid
- Cabinet drawer opens to allow on-spot maintenance
- Attractive stainless steel cabinet
- Industrial swivel casters

MICROPROCESSOR CONTROLLER

- Advanced programmable PID temperature controller
- Prevents overshooting set point for accurate control
- Auto-tuning at start-up provides +1°F temperature control
- Easy-to-read display monitors set point and actual temperature
- Industry standard DIN module is a non-proprietary design
- Set point easily adjusted
- One button start-up cycle features automatic air purge

SAFETIES

- High temperature cut-off
- Low water pressure switch
- Pressure relief valve
- Fused transformer
- Pump motor & heater protection

- Non-ferrous water path construction
- Non-ferrous non-overloading centrifugal pump with high operating efficiency over a wide range of capacity
- Horizontal pump mounting and pump seal flush increases seal life
- Large stainless steel tank, insulated to conserve energy and reduce radiated heat
- Low watt density Incolloy heater
- Make-up water mix at pump suction to extend heater life
- Large, easy-to-read liquid filled pressure gauge
- Continuous air purging prevents loss of flow

OPTIONS

- Stacking rack
- Remote control panel
- Modulating valve
- High temperature alarm