



TRUETEMP SERIES MINI WATER TCU

For production applications requiring exact temperature control in limited spaces, nothing measures up to TrueTemp TCU Series mini water temperature control units from AEC.

Each TrueTemp Mini TCU delivers huge performance in a compact package. Available with heater configurations in 3kW, 6kW, or 9kW, these units provide consistent and reliable heating—just the kind of innovation you expect from the leader in temperature control.



TrueTemp Mini TCU

STANDARD FEATURES

- Off-the-shelf 1/16th DIN microprocessor based PID controller
- Non-ferrous construction
- Easily removable panels for quick access to internal components
- Incoloy® immersion heater with IEC contactors
- Pressure switch set at 16 psig
- NEMA 1 electrical enclosure
- 250° F (121° C) maximum operating temperature
- Motor circuit protector
- Independent safety thermostat
- 1 year parts and labor warranty at the factory

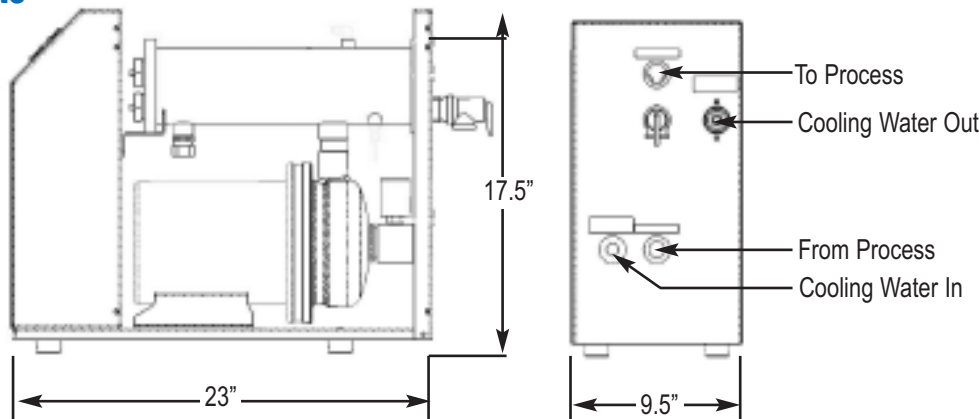
OPTIONAL FEATURES

- Casters in lieu of rubber feet
- Manual bypass (shipped loose)
- Pressure regulator/relief valve for water supply, shipped loose
- Y strainer (From Process or Water Supply; shipped loose)
- Quick cool switch
- Auto system water purge (mold purge), shipped loose
- General fault audible/visual alarm
- Remote start/stop
- Communications – RS485, RS23 or General; RS485 SPI
- Ten foot power cord; no plug, shipped loose
- Rotary through-the-door disconnect switch
- UL/cUL-listed subpanel
- Operating voltages: 208/3/60, 230/3/60, 200-400/3/50, 575/3/60
- Pressure gauges, shipped loose, to be mounted on the back of unit

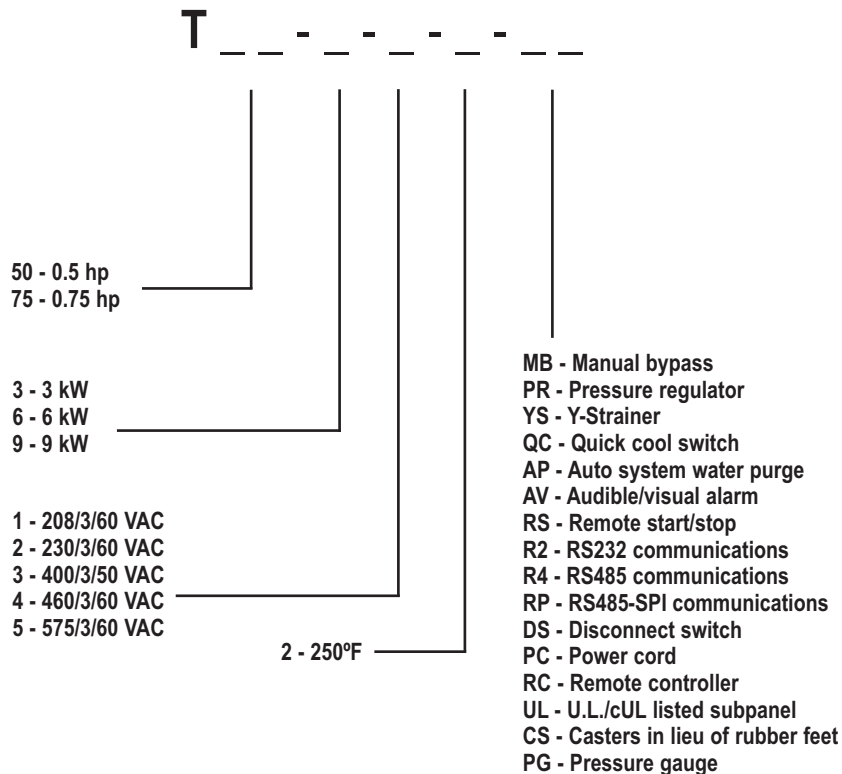
SPECIFICATIONS

Pump, HP (kW)	Flow, gpm (lpm)	Pressure, psig (bar)	Height, in. (cm)	Width, in. (cm)	Depth, in. (cm)	Ship. weight, lbs. (kg)
0.5 (0.37)	15 (57)	20 (138)	17.5 (44)	9.5 (24)	23 (58)	110 (50)
0.75 (0.56)	20 (76)	23 (159)	17.5 (44)	9.5 (24)	23 (58)	110 (50)

DIMENSIONS



PART NUMBERING SCHEME



Example:
 T75-9-4-2-AV-QC: TrueTemp Mini w/ 9 hp pump, 9 kW heater, 460 VAC, 250°F maximum operating temperature, Audible/Visual Alarm, and Quick Cool Switch