

# Mold Temperature Controller (Mini BTU)



Budzar Industries Mini BTU Mold Temperature Controller Portable Hot Water System delivers full temperature control. At 11" wide, 22" high and 21" long the Mini BTU is perfect for any industry process: rubber, plastics, pharmaceutical, chemical, power, steel petroleum or food requiring a reliable temperature control unit with a small footprint.

The Mini BTU available in 460 or 230 volts brings unmatched reliability and power to your production process. The Mini BTU using an industrial duty pump with an EPDM High Temperature Carbon Silicar Seal provides optimum water flow and pressure to the process. The standard 30 PSI discharge pressure delivers a powerful, turbulent flow. A continuous automatic air vent prevents heater burn-out and insures optimum heat transfer through your process. The Mini BTU is built to deliver maintenance free operation.

A non-proprietary full function Omron 1/8 PID controller is standard. "Continuous Self-Tuning" allows you to set the controller once and then forget it. The controller continuously adjusts the operation of the Mini BTU to optimize the productivity of your process. A bright dual display shows separate set point and process temperatures that are easy to read under any factory lighting.



engineering  
**PRECISION**

## EXCELLENT RETURN ON INVESTMENT

- 100% 304 Stainless Steel process piping
- 90% Welded construction for leak prevention
- Stainless Steel Threaded Pump and Impeller
- Powder Coated Cabinet
- EPDM Silicon Carbide High Temperature Seal
- Low Watt Density Heater
- Electrical Enclosure hinged for easy access
- 10' Power Cord
- Quick Release Side panels latch provides easy maintenance access without tools
- All components are arranged for easy access and service
- Omron 1/8 DIN Non-Proprietary PID Controller with adjustable High Temperature Cut-Out Switch, Dual Digital Readout for Set Point and Process Temperature
- Liquid Filled return and supply pressure gauges
- Audible/Visual Alarm
- Full Diagnostics Panel and Protection against:
  - Phase Reversal
  - Motor Overload
  - High Temperature
  - Loss of Water Pressure
- Solid State Relay (SSR) Heater Protection
- Solid State Relay (SSR) Overload Protection
- Finger Safe Electrical Components
- The Mini BTU Mold Temperature Controller size makes this unit easy to locate at 11" wide, 22½" high and 21¼"

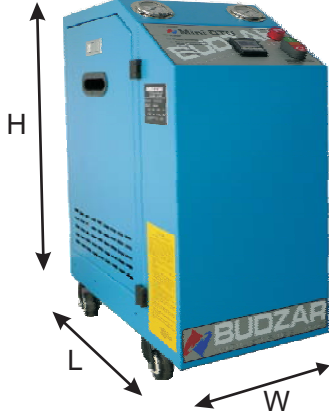


process  
**TEMPERATURE**  
control

# Mold Temperature Controller-Mini BTU

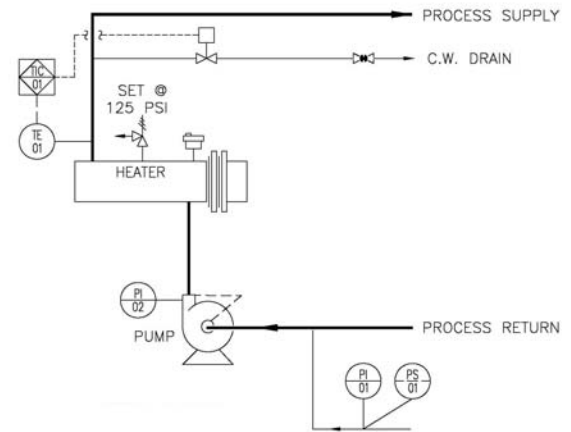
Model	Heater Capacity BTUH	Heater Capacity kW	Flow	HP	Cooling Control Valve Size	Volt	FLA
1WT-10-.75-.25DS-460	30,708	10	20 GPM @ 30 PSI	1	0.25	460	13.5
1WT-10-.75-.25DS-230	34,120	10	20 GPM @ 30 PSI	1	0.25	230	27

## Dimensions



Width	Height	Length
11"	22"	21"

## Direct Injection



- ◆ 100% 304 Stainless Steel Process Piping
- ◆ 90% Welded Construction for Leak Prevention
- ◆ Stainless Steel Threaded Pump
- ◆ Stainless Steel Impeller
- ◆ Powder Coated Cabinet
- ◆ EPDM Silicon Carbide High Temperature Seal
- ◆ Low Watt Density Heater
- ◆ Omron 1/8 DIN Non-Proprietary PID Controller
  - Adjustable High Temperature Cut-Out Switch
  - Dual Digital readout for Set Point and Process Temperature

- ◆ Liquid Filled Supply and Return Pressure Gauges
- ◆ Electrical Enclosure is hinged for easy access
- ◆ Finger Safe Electrical Components
- ◆ Solid State Relay (SSR) Heater Protection
- ◆ Solid State Relay (SSR) Overload Protection
- ◆ Audible/Visual Alarm
- ◆ Full Diagnostics Panel and Protection against:
  - Phase Reversal
  - Motor Overload
  - High Temperature
  - Loss of Water Pressure

Budzar Industries reserves the right to discontinue or change specifications without notice, consistent with sound engineering practice and current industrial standards.