

# OTL Series – Mold Temperature Controller

Plastics Industry Applications

# Models Numbers as Shown Below



## FEATURES

- ¾ HP and 1 HP Pumps
- Pump seal flush line with continuous seal contaminant removal/flushing
- Higher flow pump options available for ensuring turbulent flow
- Seals rated for 300 °F operation
- Internal bypass line for protection under low flow conditions
- Pressure gauge reads delivery pressure to the mold
- NEC electrical code conformance
- UL recognized electrical components
- Easy-to-use tilted front control panel
- Mechanical low inlet cooling water pressure safety switch
- Accessible cabinet with removable top
- 9 kW Vertically mounted, flanged immersion heater
- Microprocessor with PID and Fuzzy Logic control program
- Control panel adjustment between °F and °C temperatures
- Auto-tune control program sequence
- 90 second automatic air purge cycle
- High temperature safety set at 250 °F
- Easy reset of control panel alarms from front panel
- Dual LED digital displays of actual and set point temperatures
- Standard electrical controls and components
- Rugged construction and powder coat paint
- Compact design
- Compatible with existing chillers or cooling tower systems

Model	MTC0752C (240V) MTC0754C (460V)	MTC1002C (240V) MTC1004C (460V)
HEATER SIZE	9kW	9kW
PUMP HP	¾ HP	1HP
PUMP FLOW (GPM)	15 GPM	20 GPM
PUMP PRESSURE (PSI) <sup>3</sup>	37 PSI	40 PSI
FLA @ 230/3/60	24	26
FLA @460/3/60	12	13
TO PROCESS PIPE SIZE (MPT)	1 ¼ "	1 ¼ "
FROM PROCESS PIPE SIZE (MPTj)	1 ¼ "	1 ¼ "
COOLING PIPE SIZE (MPT)	1 ¼ "	1 ¼ "
DRAIN SIZE (MPT)	½ "	½ "
DIMENSIONS (W x D x H)	15" x 20" x 22 ½"	15" x 20" x 22 ½"
APPROX. SHIPPING WEIGHT (LBS)	150	150

1) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

2) PUMP PRESSURE IS AT THE PUMP DISCHARGE.

3) AMP DRAW INCLUDES HEATER PLUS PUMPING OPERATION AT THE SAME TIME.

4) BASIC UNIT INCLUDES MODULATING VALVE.

5) AVAILABLE OPTIONS INCLUDE STACKING FRAME; TRUE CLOSED CIRCUIT UNITS; RS232 AND RS 485 COMMUNICATION.