

# 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.