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The Machine Temperature Master™

Does it work?

Mr. Gene Walker, Plant Maintenance Superintendent of A-B Plastics, Corp. Gardena, CA states:

“When we were introduced to the product by the “Logic” representative we were already aware of the problems that needed to be addressed. Our concern was, would this solve one problem and create another? Namely would a solenoid-operated valve provide the necessary temperature controls without producing water hammer?”

“Being assured that these valves were designed to avoid that development we proceeded to purchase a **Machine Temperature Master** for each of our presses.” A-B Plastics had, at that time, 23 presses from 150 ton to 1400-ton clamp force, consisting of fully hydraulic Toshiba’s and toggle-clamp Impcos.

“When we got them in, the first thing we found out was how easy the installation was, being accomplished in less than one hour per machine. Then we watched the oil temperature. With the OEM valves that had been on the presses it was typical to see the oil temperature vary from 70°F. during start-up to 100°F. to 120°F., even as high as 150° or 160°F. With “Logic’s” **Machine Temperature Master** the machines warm up to operating temperature within minutes, and they stay there. It does not vary more than one or two degrees throughout the day, or from week to week. Molding is more consistent, accurate and with considerable less time wasted with adjustments to maintain consistent part quality. In short we’re extremely happy with the Machine Temperature Master. We estimate the payback to be from consistent cycles, clean heat exchangers, reduced heat up time, plus reduced maintenance due to oil leaks.”

Add the inexpensive M.T.M. to your molding machine call 800 325-6442

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MACHINE TEMPERATURE MASTER™

The specially designed Logic Corporation Oil Temperature control system consists of three basic components:

1) An ANTI-SHOCK normally-closed solenoid valve to eliminate damaging water hammer when de-energized. The solenoid has a maximum fluid temperature range of 180°F, 0-145 PSI pressure differential up to 1 ¼" port size and, 7-170 PSI pressure differential sizes larger than 1 ¼".

2) A programmable LED display, 100-250vac, 50/60 Hz, 6V A temperature controller with a repeatability range of ± .2°F and the potential to activate a visual or audio alarm.

3) A 48" long $\frac{3}{16}$ " diameter cable, K type surface-contact thermocouple that can be directly screwed or tapped on the surface area, which will control the temperature controller switch.

<u>MODEL</u>	<u>PRICE</u>
MTM ¾"	\$445.00
MTM 1"	\$570.00
MTM 1 ¼"	\$655.00
MTM 1 ½"	\$825.00
MTM 2"	\$1235.00

72" Thermocouple - additional \$5.00. Other lengths quoted upon request

Temperature Controller installation requirements:

Prior to mounting the controller in your panel, make sure that the cut out opening is the correct size. 1.772" wide by .874" high, and deburred to ensure a smooth fit. A minimum of 4" depth is required.

