

MOLD TEMPERATURE CONTROL

MTV Vacuum Series

- 24 hour/7 day Programmable Timer
- Nonferrous Construction
- Stainless Steel Heat Exchanger
- Stainless Steel Reservoirs

The MTV eliminates down time caused by a coolant leak in the mold or process water circuit. The vacuum level can be adjusted to the exact amount necessary to stop the leakage, without drawing air into the water circuit.

MECHANICAL FEATURES

- Stainless steel centrifugal multi-stage pump
- Low watt density, stainless steel sheathed heater elements
- Stainless steel heat exchanger for cooling source isolation
- Vacuum adjusting valve to eliminate leak without pulling in air
- Nonferrous water circuit construction
- Insulated 4.5 gallon stainless steel reservoir
- Stainless steel heat exchanger connections
- Automatic water makeup system for easy reservoir filling
- Premium quality solenoid valve for accurate temperatures
- Inlet filter to remove debris from water

ELECTRICAL FEATURES

- Dual LED digital display of "To Process" and "Set Point" temperatures
- 24 hour/7 day programmable preheat timer
- PID control algorithm
- Adjustable temperature deviation indicator (with audible alarm and silencer) permits user to set customized operating parameters

AVAILABLE OPTIONS

- Special paint
- SPI communications

DIMENSIONS

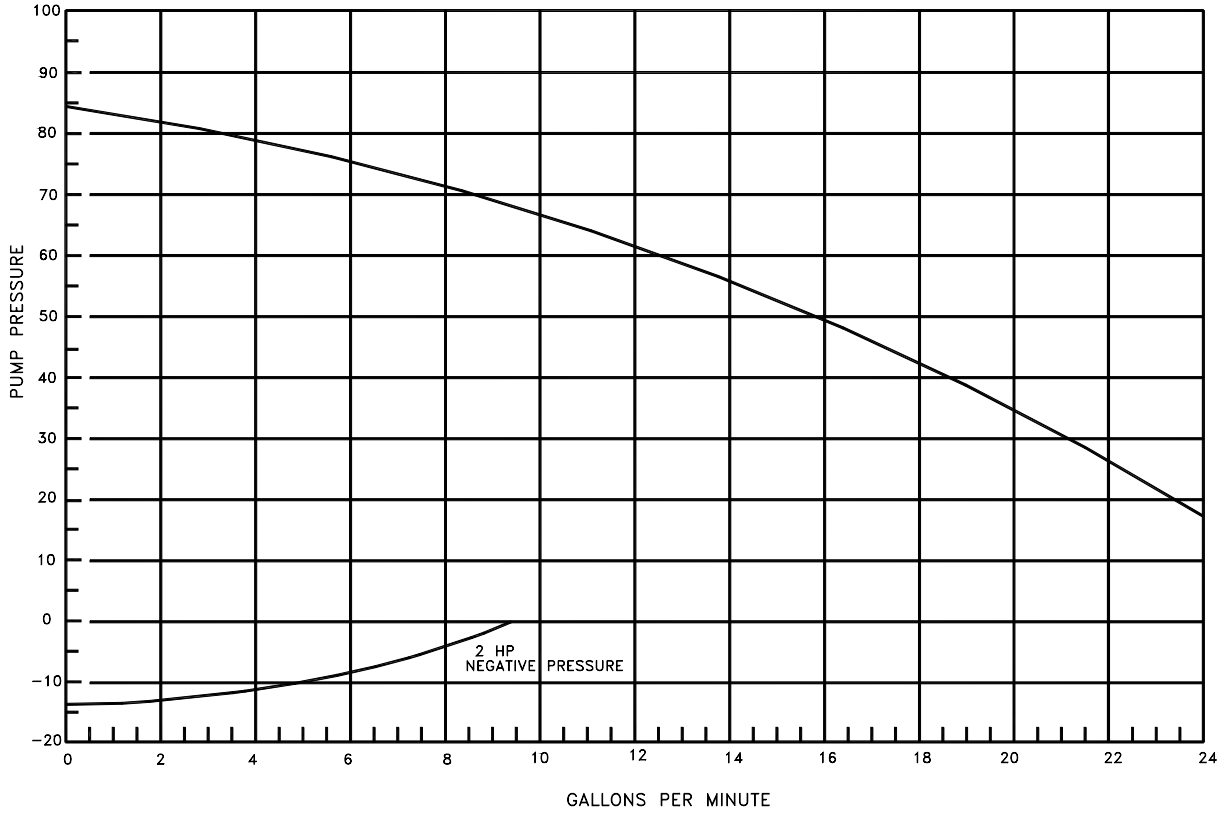
23" H x 10" W x 26" D



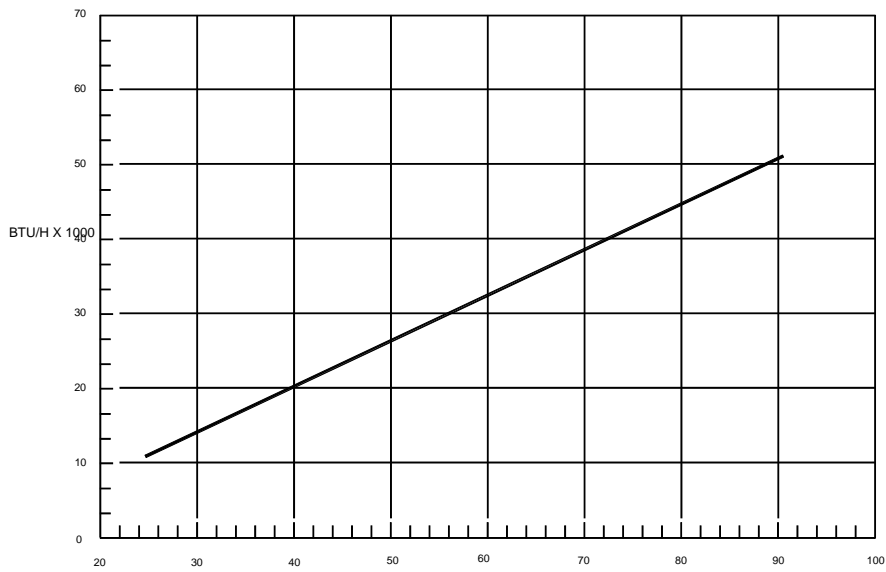
MT9-21-V shown

Model	Pump (HP)	Heater (KW)	Process Flow (GPM)	Pressure (PSI)	Max. Vacuum (PSI)	Nameplate Amps (460V)	Weight (Lbs.)	Connections (NPT)	
								Process	Cooling Source
MT9-21-V	2	9	21	29	-13	15	110	1"	.5"

60 CYCLE PUMP CURVE



COOLING CAPACITY CURVE



△ T(°F) = TANK TEMPERATURE LESS COOLING WATER TEMPERATURE