



# 2016C SERIES

## Oil Temperature Control Unit

### Technical Specifications

2016C Series Oil Temperature Control Unit provides accurate, automatic and dependable control in temperature ranges from 100°F to 400°F (37.8°C - 204.4°C) with heat transfer fluid. The 2016C Series Oil Temperature Control Unit offers full size performance in a compact, space saving cabinet, ideal for tight spaces and out-of-the-way installations. The 2016C Series Oil Temperature Control Unit is designed for Extruders, Blow-Molders, and Injection Molders working with engineered materials.

### Features

#### Standard Features

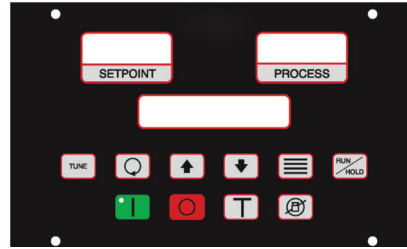
- Temperature range from 100°F - 400°F (38°C to 204°C)
- 460V/3ph/60Hz design with 6kW heater
- 1.5 sq. ft. heat exchanger
- Positive displacement pump with mechanical seal and totally enclosed fan cooled pump motors
- Pressure switch for low pressure pump shutdown
- Automatic vent sequence
- M2B+ microprocessor controller includes diagnostics features with indicator and warning lights (3216 optional)
- Low tank level sensor
- Pump reverse
- Audible/visual alarm
- Compact cabinet with removable panels for easy maintenance access
- Independent safety thermostat
- Pressure-actuated bypass valve
- Pump motor over-current protection
- NEMA-12 style electrical enclosure
- Heating and cooling
- To-Process pressure gauge
- UL listed sub-panel

#### Optional Features

- Manual bypass
- Y-strainer
- Available optional voltages: 575/3/60, 208/3/60, 230/3/60, 380/3/50, 415/3/50
- Remote control enclosure with 20ft. cable
- Graphic display and functional indicating lights (w/3216)
- Hour meter
- High temperature hoses

## M2B+ Controller

- PID control for both heating and cooling
- Built-in Ramp/Soak feature
- Setpoint, To Process, From Process and DT displays
- Autovent sequence (adjustable from 1 to 10 minutes)
- °F to °C programmable
- 2 line by 20 character LCD to display status information and alarms



## Specifications

Model	Pump hp (kW)	Flow gpm (lpm)	Pressure psi (kPa,bars)	FLA	Height in. (mm)	Width, in. (mm)	Depth in. (mm)	Shipping Wt. lbs./kg
<b>M2B-2016C</b>	<b>0.75 (0.56)</b>	<b>6 (23)</b>	<b>50 (3.4)</b>	<b>9.0 / 460v</b>	<b>28 (71)</b>	<b>13 (33)</b>	<b>31 (79)</b>	<b>265 (120)</b>

Because of high temperatures, flash steam may accrue in heat exchangers. Some applications may require the use of a condensate tank. Consult factory for non-matching dual zones with differing flows and pressures.