

2016M SERIES



High Temperature Heat Transfer Systems

SIMPLIFIED AND EFFICIENT DESIGN FOR MAXIMIZED PERFORMANCE

The rugged Royal™ Series Compact High Temperature Control System features a simplified, more efficient design to deliver full-sized Sterling performance with minimized overall footprint.

Combined with our state-of-the-art M2B+ microprocessor for higher accuracy and superior repeatability, it provides precise temperature control up to 550°F (288°C). And it's built with Sterling's time-tested, field-proven dependability.



Features

- M2B+ microprocessor controller; includes diagnostic features with 2 line x 20 character LCD display
- Non-fused lockable rotary disconnect
- Immersion heater(s) with IEC contactors
- 550°F (288°C) maximum operating temperature
- Manual bypass
- Branch circuit protection
- System status graphic display
- Temperature controllers
- Pressure switch for low pump pressure shutdown
- NEMA 12 electrical enclosure
- UL listed subpanel
- To Process Pressure gauge
- Independent safety thermostat
- Y-strainer on From Process line
- Automatic venting sequence
- Positive displacement pumps capable of reversing to evacuate the process
- Low level alarm for reservoir
- Easily removable panels for quick access to internal components
- Audible alarm
- 1 year parts and labor warranty at the factory
- 5 year controller warranty

Options

- Drain valve
- Hour meter; measures total pump run time hours
- General fault visual alarm
- Autovent sequence; deducts available
- Low level alarm; deducts available
- Manual bypass; deducts available
- Operating voltages: 575/3/60, 380/3/50, 415/3/50
- M2B+ microprocessor controller options include:
 - 4-20 mA remote set point and retransmission
- Heat exchangers
- Remote controller
- Lexan® cover
- Operating voltages available in 208/3/60 or 230/3/60
- CE certification

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SPECIFICATIONS

Model	Pump, hp (kW)	Flow, gpm (lpm)	Height, in. (cm)	Width, in. (cm)	Depth, in. (cm)	Ship. weight, lbs. (kg)
2016M-1	1 (0.746)	18 (68.1)	46 (117)	18.25 (46)	42 (107)	600 (273)
2016M-1.5	1.5 (1.119)	18 (68.1)	46 (117)	18.25 (46)	42 (107)	600 (273)
2016M-2	2 (1.492)	24 (90.8)	46 (117)	18.25 (46)	42 (107)	600 (273)
2026M-1 (2 zone)	1 (0.746)	18 (68.1)	46 (117)	36.5 (93)	42 (107)	1200 (546)
2026M-1.5 (2 zone)	1.5 (1.119)	18 (68.1)	46 (117)	36.5 (93)	42 (107)	1200 (546)
2026M-2 (2 zone)	2 (1.492)	24 (90.8)	46 (117)	36.5 (93)	42 (107)	1200 (546)

