

6017 SERIES

SIMPLE, EASY TO USE AND READY TO OPERATE

Sterling's vast background of experience and skill in designing and building temperature control equipment assures you of peak performance from this unit. Carefully designed and balanced control systems assure sensitivity and instantaneous reaction to temperature changes. Operation is simple and the unit is complete and ready to use. Ready to operate when power and circulation connections are made. Several combinations of heater sizes and pumping rates are available. Cooling controls are optional. We will be happy to assist you in selecting the proper unit for your requirements.



Features

- Viking positive displacement, packed pump with drip return pump
- TEFC Pump Motor
- NEMA 12-style electrical control enclosure with IEC electrical components
- Disconnect switch
- Pressure-actuated bypass valve
- System status graphics display
- To Process oil pressure gauge
- Temperature to 550°F
- Heater sizes from 50 to 200 kW
- Pump rates of 90, 150, or 200 gpm
- UL listed electrical sub-panel
- Optional cooling capabilities
- M2B+ microprocessor controller
- Low level alarm
- Auto shutdown (M2B+ controller)

Options

- 1/4 DIN off-the-shelf controller
- Mechanical seal pump
- Autovent
- Manual bypass
- Shell and tube heat exchanger

Note: heat exchanger is setup to pulse heat transfer fluid and continuously pass water through tubes.





TEMPERATURE CONTROL UNIT

FLUID-CIRCULATING CONTROL SYSTEM

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SPECIFICATIONS

Model Number	Operating Temp.	Motor (hp)	Pump Flow (gpm)	Pressure (PSI)
6017	550 °F	5	90	50
		10	150	50
		15	200	50

Model Number	Motor hp	Pump Flow gpm	Pressure PSI	Pipe Size NPT	Heating Capacity (kW)						
					50	60	75	100	120	150	200
6017	5	90	50	2"	small	small	small	small	large	large	large
	10	150	50	2 1/2"	large*	large*	large*	large*	large	large	large
	15	200	50	3"	large	large	large	large	large	large	large

* For these capacities, the unit is built in the large cabinet as standard. In a heating only unit, it could be built in the small cabinet.

DIMENSIONS

Small Cabinet: 30" W x 58" D x 70" H

Large Cabinet: 46" W x 58" D x 70" H

M2B+ CONTROLLER FEATURES

- Premium efficiency, extended cycle cooling valves
- NEMA 12 Electrical cabinet with branch fusing
- To-Process pressure gauge
- Independent safety thermostat
- IEC contactors and motor starter
- Controls meet NFPA 70/79 standards

