

2016U SERIES



HIGH TEMPERATURE HEAT TRANSFER SYSTEM

COMBINE PRECISE, AUTOMATIC TEMPERATURE CONTROL WITH EASY OPERATION

It's a genuine Sterling...built for the long run with everything you could ask for in a High Temperature Control System: precise, automatic temperature control, built-in reliability and easy operation. Designed for temperatures up to 550°F, the 2016U Series High Temperature units include operator-friendly features such as single-pass tank design and an easy-to-use controller for simple, precise operation.

Features

- 550°F temperature
- Heaters from 12-48 KW
- Flows from 18-50 GPM at 30-50 PSI
- NEMA 12 electrical
- Positive displacement mechanical seal pump
- Front-mounted fluid sight gauge
- Simplified piping design
- Advanced M2B+ controller
- Rotary through-the-door disconnect switch
- Low level alarm
- Manual bypass
- Fill port
- User-friendly controls with pump start, stop and reverse buttons, mode selection switch and audible alarm
- Single-pass heater tank
- 17-gallon expansion/reservoir capacity
- Shrouded sight glass
- Reservoir drain pipe
- Check valves to water supply and drain lines
- Vent outlet
- Removable top, side and rear access panels
- Industrial grade casters
- Forklift rails

Options

- Drop-in heat exchanger with replaceable bundles (from 3.9 to 27 sq. ft.)
- Remote control enclosure
- Reservoir low level shutdown
- Pulsed cooling



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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 or °C programmable
- 2 line by 20 character LCD to display status information and alarms

Full Load Amps (based on 1 hp pump)					
Voltage	12KW	18KW	24KW	36KW	48KW
3/60/240	33	48	63	93	121
3/60/480	17	24	32	47	61
3/60/575	13	18	26	38	49

Dimensions	
24" W x 34" D x 62" H	Single zone to 24KW
24" W x 44" D x 62" H	Single zone to 48KW
48" W x 34" D x 62" H	Dual zone to 24KW
48" W x 44" D x 62" H	Dual zone to 48KW

