

CUSTOMER
SPECIFIC
ENGINEERING

Our Temperature Controller is easier to operate & built to last

This high quality temperature controller is logically designed for easy operation and ruggedly built from quality components. Every controller comes standard with a wide range of performance and reliability features. Plus, we can customize your unit with pre-engineered options or ask about custom-designed temperature control units for your special application.

Other features and benefits:

- Long-life, low-watt density incoloy heaters (9-24kw) resist corrosion better than copper or stainless steel.
- High capacity pumps (3/4 to 7.5 hp) come with bronze or stainless steel impellers for turbulent flow.
- Removable side, top and front panels provide easy access.
- Bypass line protects heater and pump if process flow is shut off.
- Adjustable water supply pressure switch prevents operation at low supply pressure.
- Premium quality solenoid valve assures precise temperatures.
- Pump seal is made of leak-resistant, EPDM carbon-silicon carbide.



BERG
Chilling Systems Inc.

ISO 9001:2000 Certified

'GLOBAL COOLING'

KEY FEATURES

Bypass line protects heater and pump if process flow is shut off

High capacity pumps (3/4 to 7.5 hp) come with bronze or stainless steel impellers for turbulent flow

Adjustable water supply pressure switch prevents operation at low supply pressure

Electrical components are mounted in front for easy accessibility

Pump seal is made of leak-resistant, EPDM carbon-silicon carbide

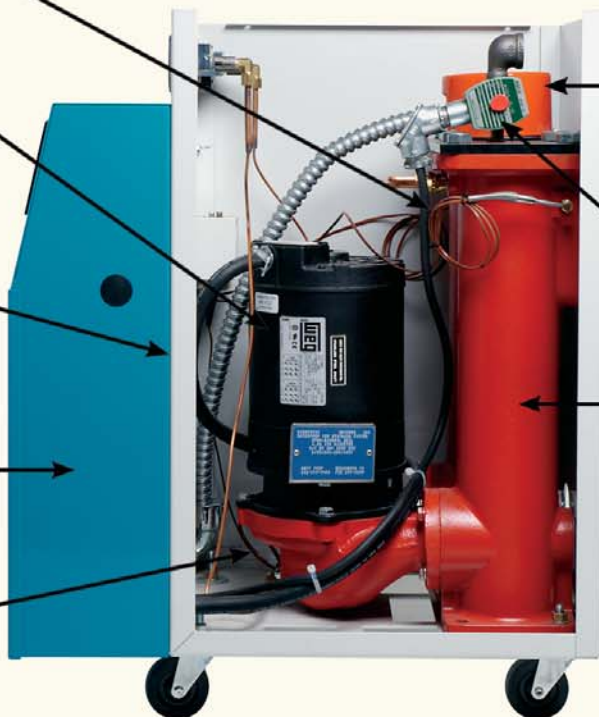
Removable side, top and front panels provide easy access to entire interior of unit

Long-life, low-watt density incoloy heaters (9-24kw) resist corrosion better than copper or stainless steel

Premium quality solenoid valve assures precise temperatures

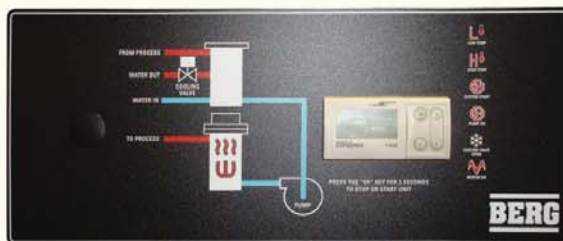
Leak-proof, cast twin tank/pump assembly comes with a lifetime warranty and eliminates pipe fittings and flow restrictions

Seal flush line assures continuous flow across seal to remove contaminants and extend seal life (not visible in this photo)



Pre-engineered Options

- Motorized, modulating ball valve
- Process water air purge
- Closed-circuit design with heat exchanger
- Pressure gauges
- Dual zone configuration
- 36kw, 48kw, and 60kw units
- Nonferrous coating on castings



The advanced soft touch control panel is logically designed for easy, intuitive operation.

For your specialized temperature controller needs, our experienced staff of sales engineers can help you with equipment design and modification.

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