

Water Circulating Temperature Control Units

Technologically advanced, unrivalled excellence



The unique on board microprocessor control provides access to temperature setting and full machine operation via a user friendly multi-page menu screen.

Units with maximum temperature 95°C include fill and vent tank for low pressure use whilst pressurized units provide for operation to 140°C.

Coupled with heating capacities from 3 to 96 kW and a range of pump options, this versatile range of machines can be applied to a wide variety of uses.

Indirect cooling heat exchangers eliminate lime deposits and contamination of the process side of the circuit, whereas high capacity direct injection cooling can be utilized with chilled or properly treated cooling water supplies.

Manufactured from the highest quality materials the units are designed to withstand the most arduous production environments providing real value for money.

Features

- Heating capacities up to 96 kW
- Direct or indirect cooling
- Non-pressurized units to 95°C
- Pressurized units to 140°C
- Corrosion resistant materials
- Long life stainless steel heating elements with solid state control
- Automatic water filling
- Full microprocessor with dual temperature display, alarms and diagnostics
- Castor mounted for ease of mobility

Microline Industrial Water Temperature Controller

Features:

High performance steel heating chamber
Long life incoloy heating element
High capacity direct cooling system
Automatic water filling
Electronic PID digital temperature controller
High capacity centrifugal water circulating pump
Full function indication
Painted steel base frame

Options:

Flow rate control
External sensor
PT100 process sensor
Return of process temperature indication
Solid state relay
Serial interface 4-20mA, RS 485, 0-10 volt

Specifications:

Maximum temperature	140°C
Heating capacity	3kW / 6kW
Cooling power	25,000kcal/hr @60°C
Pump capacity	Maximum 80ltr/min
Pump pressure	1.8 bar
Dimensions	200 x 590 x 300mm
Weight	25 kg
Voltage	415v, 3ph, 50-60hz, PE