

Oil Circulating Temperature Control Units

The ultimate in high heat control accuracy



Low watts density stainless steel heating elements prolong the life expectancy of the heat transfer oil medium far beyond that of many others on the market.

Large integral expansion tanks facilitate the use on applications containing large volumes of oil.

Temperature ranges of 200, 300 and 350°C are available. Coupled with heating capacities from 9 to 96 kW and a range of pump options, this versatile range of machines can be applied to a wide variety of uses.

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

Features

- Standard heating capacities up to 96 kW (larger units available on request)
- Stainless steel cooling heat exchangers
- 200, 300 or 350°C ranges
- Highly efficient air elimination system
- Magnetic drive pumps on 300/350°C models
- Large expansion tanks
- Low watts density, long life stainless steel heating elements with solid state control
- Full microprocessor with dual temperature display, alarms and diagnostics
- Castor mounted for ease of mobility

Features:

PID temperature control in cooling and heating process
Serial interface 4-20mA, RS 485, 0-10 volt
Submersible pump which eliminates internal seal leakage
Non-ferrous internal parts
Low watts density long life incoloy heating elements
Large surface area for maximum heat dispersion
Motor protection device
Castors mounted for ease of transport
Integral mains isolator
Direct acting self-cleaning solenoid valves
Security thermostat
Solid state relays

Optional Extras:

Double water outlet kit
Flow rate control
External sensor
PT100 process sensor
Return of process temperature indication

Technical Specification:

Maximum temperature	200°C oil
Heating capacity	12 / 18 / 24 / 30 kw
Cooling power	40 kw
Tank capacity	35 ltr
Pump capacity	60 ltr/min / 200 ltr/min
Pump pressure	3.8 bar / 5.8 bar
Pump power	0.5 kw / 2.8 kw
Hydraulic process connections	¾"
Hydraulic cooling connections	½"
Dimensions	365 x 750 x 785 mm
Weight	60 kg
Voltage	400v, 3ph, 50-60hz, PE