

**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