

SPECIFICATION

EVERCOOL MODEL TC90-3 Water Circulating Temperature Control Unit

Heating Capacity:	3kW
Maximum Operating Temperature:	90°C
Heater Control:	Solid State Relay
Cooling Capacity:	18,000 kcal/hr @90°C
Tank Capacity:	20 litres - stainless steel
Pump Type:	Submersible pump
Maximum Flow/Pressure:	60ltr/min @ 3.5 bar
Pump Power:	0.9kW
Electrical Supply:	400v - 3 ph - 60 Hz + E
Control Voltage:	24v AC
Process Connection IN/OUT:	¾" BSP
Cooling Connection IN/OUT:	½" BSP
Weight:	50 kg
Dimensions: LxWxH	330 x 610 x 690 mm
Noise Level:	Less than 80 dBA at 1 metre



STANDARD FITTED EQUIPMENT

- PID controller
- Submersible pump which eliminates internal seal leakage
- Low watts density long life incoloy heating elements
- Plate type heat exchanger for maximum heat dispersion
- Water level sensor (Electrode)
- Castors mounted for ease of transport
- Automatic filling
- Security thermostat for heater element protection
- Solid state relay

Optional Extras:

- Double water outlet kit
- Flow rate control
- External sensor
- PT100 process sensor
- Return of process temperature indication
- Manual filling
- Serial interface 4-20mA, RS485, 0-10 volts

