

SPECIFICATION**EVERCOOL MODEL TC90-12 Water Circulating Temperature Control Unit**

Heating Capacity:	12kW
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

