



ABOUT THE UNIT

ICS Cool Energy's rental Temperature Control Units (TCU) are designed to provide precise temperature control of water up to a maximum temperature of 95°C. The TCU 95 ranges features 9, 18 and 36kW heating capacities each with a cooling heat exchanger capable of 42, 75 and 250kW respectively.

These robust units have an open tank and internal pump and when fed by an external cooling feed a heat exchanger allows precise temperature control once the water has been heated to the desired temperature. Temperature control is achieved by precise control of the heating element and cooling water through the heat exchanger via an integrated modulating bypass.

The TCU 95 boasts a C8 advanced touch screen controller with return temperature display, high control accuracy ($\pm 1^\circ\text{C}$), 7 day timer function, heating profile (recipe) storage, flow monitoring and enhanced traceability protected by a user password. Each unit is fitted with a plug to allow rapid electrical connection.

TECHNICAL

Physical dimensions (LxWxH) mm	955 x 400 x 740
Weight kg	95
Max. Permissible operating temp. °C	95
Process pump max. Flow rate l/min	70
Process pump max. Pressure bar	6.0
Heating capacity / Cooling capacity kW	18/50
Cooling Water Temperature °C	15
Required Cooling Water Pressure bar	3-4
Operating Voltage V/cyc./Ph	400/50/3 without N
Electrical Connection	32amp 5pin Cee Forme Plug
Nominal Current A	28
Protection Class	IP 54
Heat Transfer Medium Connections (supply/return)	G $\frac{3}{4}$ "
Cooling Water Connections (supply/return)	G $\frac{1}{2}$ "

CONTACT

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