TC100E

Immersion Cooler with air-cooled refrigerating unit. Electronic temperature control and digital display. Housing of stainless steel with 2 handles, condensing probe of stainless steel and flexible cooling connection line in special single-tube construction, protective hose with smooth surface. The refrigeration unit works continuously. The temperature control actuates a solenoid valve in the cooling circuit. The temperature sensor is connected to the device with cable and plug.

MPC-Controller:
Modern and easy to use microprocessor controller with a large temperature display.
Limited to essential functions only:
* Large temperature display
* LED indicators for pump, cooling and heating
* Simple operation using only 3 keys

Technical data according to DIN 12876

Operating temperature range	-100...40 °C
Temperature stability at -10°C	0,5 K
Temperature adjustment	digital
Sensor external connection	Pt100
Cooling power	
at 0°C	0,16 kW
at -20°C	0,15 kW
at -30°C	0,14 kW
at -50°C	0,13 kW
at -60°C	0,12 kW
at -80°C	0,12 kW
at -90°C	0,07 kW
at -100°C	0,01 kW
Safety classification	Class I / NFL
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant	R290
Refrigerant 2nd stage	R1150
Refrigerant quantity 2nd stage	0,07 kg
Nominal diameter probe	48 mm
Length of probe	155 mm
Length flexible connection	1150 mm
Overall dimensions WxDxH **	294x470x560 mm
Net weight	57 kg
Power supply requirement	208V 2~ 60Hz
min. ambient temperature	5 °C
max. ambient temperature	40 °C

Order-No.: 3005.0006.99

from Serial-No.: **1.0/09**

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions.

Accessories: Trolleys (Part.No. 9442).

Output data valid for: Room temperature 20°C
in accordance with EN60034-1 the following voltage and frequency tolerances are valid:
Voltage + / - 5% with a simultaneous frequency tolerance of + / - 2%
Example -5% voltage and +2% frequency -> not allowed!
-5%voltage and -2% frequency -> allowed.

** Please respect space requirements. See operating conditions at www.huber-online.com