TC45E

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	-45...100 °C
Temperature stability at -10°C	0,5 K
Temperature adjustment	digital
Resolution of display	0,1 K
Temperature indication	digital
Sensor external connection	Pt100
Cooling power	
at 0°C	0,24 kW
at -20°C	0,18 kW
at -30°C	0,1 kW
at -40°C	0,05 kW
Safety classification	Class I / NFL
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant	R290
Refrigerant quantity	0,041 kg
Nominal diameter probe	48 mm
Length of probe	105 mm
Length flexible connection	1050 mm
Overall dimensions WxDxH **	190x295x360 mm
Net weight	16 kg
Power supply requirement	115V 1~ 60Hz
min. Fuse (1 phase)	10A
max. Fuse (1 phase)	16A
min. ambient temperature	5 °C
max. ambient temperature	40 °C

Order-No.: 3003.0006.99

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

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

Accessories and periphery: Pt100 sensor (Part.No. 6138)*.

* standard equipment

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