

Immersion Cooler with air-cooled refrigerating unit. Electronic temperature control and digital display. Housing of stainless steel with 2 handles, flexible 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 indicator for cooling
- \* 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 set point / display	digital
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	I / NFL
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant (ASHRAE, GHS)	R-290 (A3, H220)
Global Warming Potential (GWP)	0,02
Refrigerant quantity	0,041 kg
Nominal diameter probe	13 mm
Length of probe	600 mm
Length flexible connection	1050 mm
Overall dimensions WxDxH **	190x295x360 mm
Net weight	16 kg
sound pressure level +/- 4 dB(A)	54 dB(A)
Power supply requirement	208-240V 1~/2~ 50/60Hz
max. current	1,4 A
min. Fuse	10A
max. Fuse	16A
Pressure equipment category	Art. 4.3 PED
min. ambient temperature	5 °C
max. ambient temperature	40 °C



**Order-No.: 3003.0004.99**

**from Serial-No.: 394130 1.5/20**

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Included Accessories:

Pt100 sensor (Part.No. 6138)

Output data valid for: Room temperature 20°C. If the ambient temperature rises, the cooling capacity may drop.

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

Information to Electromagnetic compatibility:

Classification (disturbance) to EN55011: Class A, Group 1

Standard delivery conditions - Power cable configuration:

1. Single / two-phase devices (100V to 240V) --> with power cable and country-specific plug (please specify when ordering)

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2. Three-phase devices with current consumption less than 63A --> with cable, without plug
3. Three-phase devices with current consumption greater than 63A --> without cable, without plug

This equipment is compliant to US-SNAP and all applicable EU laws. The US-SNAP end-use for this equipment is the industrial process refrigeration. Certification by a Notified Body upon request.

\*\* Please respect space requirements. See operating conditions at [www.huber-online.com](http://www.huber-online.com)