

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 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
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
Gas warning sensor	without
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	230V 1~ 50/60Hz
max. current	1,4 A
min. Fuse	10A
max. Fuse	16A
min. ambient temperature	5 °C
max. ambient temperature	40 °C



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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)

Technical data according to DIN 12876

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-phase devices (230V/115V) -> with cable and plug
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 unit is US-SNAP and applicable EU law compliant.

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