

Immersion Cooler with air-cooled refrigerating unit. Electronic temperature control and digital display. Stainless steel housing with handle (front) and rollers (back), 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

**Note:**

This unit contains more than 100g of natural refrigerants and is therefore not suitable for air freight (alternative available on request).

**Technical data according to DIN 12876**

Operating temperature range	-100...40 °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	0,16 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	I / NFL	
Refrigeration machine	air-cooled, natural refrigerant	
Refrigerant (ASHRAE, GHS)	R-1270 (A3, H220)	
Global Warming Potential (GWP)	0	
Refrigerant quantity	0,114 kg	
Refrigerant 2nd stage (ASHRAE, GHS)	R-1150 (A3, H220)	
Global Warming Potential (GWP)	4	
Refrigerant quantity 2nd stage	0,056 kg	
Nominal diameter probe	13 mm	
Length of probe	900 mm	
Length flexible connection	1150 mm	
Overall dimensions WxDxH **	295x500x570 mm	
Net weight	57 kg	
sound pressure level +/- 4 dB(A)	58 dB(A)	
Power supply requirement	220-240V 1~/2~ 50/60Hz	<b>Order-No.: 3005.0046.99</b>
max. current	6,5 A	
min. Fuse	10A	
max. Fuse	16A	
Pressure equipment category	Art. 4.3 PED	
min. ambient temperature	5 °C	
max. ambient temperature	40 °C	



**from Serial-No.: 401673 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.

## Technical data according to DIN 12876

---

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)
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)