

Immersion Cooler with air-cooled refrigerating unit. Stainless steel housing with handle (front) and rollers (back), condensing probe of stainless steel, flexible cooling connection line in special single-tube construction, protective hose with smooth surface. The refrigeration unit works continuously.

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
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
CO2 equivalent	0,0 t
Refrigerant 2nd stage (ASHRAE, GHS)	R-1150 (A3, H220)
Global Warming Potential (GWP)	4
Refrigerant quantity 2nd stage	0,056 kg
CO2-Äquivalent 2.Stufe	0,0 t
Nominal diameter probe	48 mm
Length of probe	155 mm
Length flexible connection	1150 mm
Overall dimensions WxDxH **	295x500x570 mm
Net weight	61 kg
sound pressure level +/- 4 dB(A)	55 dB(A)
Power supply requirement	110-120V 1~ 60Hz
max. Fuse	16A
Pressure equipment category	Art. 4.3 PED
min. ambient temperature	5 °C
max. ambient temperature	40 °C



**Order-No.: 3005.0163.00**

from Serial-No.:

**1.0/20**

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

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)
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)