

Chiller with air-cooled refrigerating device, CFC- and H-CFC-free. Housing, evaporator (cooler) and tank made of stainless steel. Digital temperature adjustment and display, temperature stability 1K.

The Rotacool, in space-saving L-design, is especially adjusted to the requirements of conventional rotary evaporators concerning cooling capacity and circulation quantity.

The width of the evaporator base can be extended to 582 mm using the additional extension plate (optional accessories).

Modern and easy to use microprocessor controller with a large temperature display.

Limited to essential functions only:

- Large temperature display
- LED indicators for pump and cooling
- Simple operation using only 3 keys

## Technical data according to DIN 12876

Operating temperature range	-10...40 °C
Temperature adjustment	digital
Temperature indication	digital
Internal temperature sensor	Pt100
Temperature stability at -10°C	1 K
Safety classification	I / NFL
Cooling power	
at 15°C	0,42 kW
at 0°C	0,35 kW
at -10°C	0,22 kW
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant (ASHRAE, GHS)	R-290 (A3, H220)
Global Warming Potential (GWP)	0,02
Kältemittelmenge 1. Stufe	0,07 kg
Pressure pump:	
max. delivery	14 l/min
Delivery pressure (head)	0,25 bar
Suction pump:	
max. delivery (suction)	10,5 l/min
Delivery suction pressure (head)	0,17 bar
Pump connection	M16x1 male
min. filling capacity	1,5 l
Volume of expansion	1 l
evaporator benchspace wxl	470x405 mm
Geräuschpegel	59 dB(A)
Overall dimensions WxDxH **	470x580x402 mm
Net weight	32 kg
Power supply requirement	208-240V 1~/2~ 50/60Hz
max. current	3,5 A
min. Fuse	10A
max. Fuse	16A
Degree of Protection	IP20
min. ambient temperature	5 °C
max. ambient temperature	40 °C



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**from Serial-No.: 401688 1.4/20**

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

Accessories and periphery: additional extension plate (112 mm) #10270, vacuum pump mounting #10275

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:

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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)