

ColdTrap with air-cooled refrigerating unit. Housing of stainless steel with 2 handles and probe of stainless steel to 1.4301/ AISI 304/ V2A. The refrigeration unit works continuously.

NEW: OLE controller:

OLE combines state-of-the-art technology with simple operation. Models with OLE controller are suitable for routine tasks in research and industry and are convincing as practice oriented basic equipment:

- \* Large, bright OLED display
- \* Simple operation with menu navigation
- \* Simultaneous display of set point, internal temperature, Tmin and Tmax
- \* USB (Device) and RS232 interfaces
- \* Autostart function for power failure

Option: Pt100 sensor connection to display (not control) e.g. of the process temperature (only available factory fitted, additional charge)

4-year warranty - registration required.

## Technical data according to DIN 12876

Operating temperature range	-50...50 °C
temperature set point / display	digital
Cool down rate	
from 20°C to -45°C	>= 2,5 min
from 20°C to -50°C	>= 4 min
Safety classification	III / FL
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant (ASHRAE, GHS)	R-290 (A3, H220)
Global Warming Potential (GWP)	0,02
Refrigerant quantity	0,06 kg
Nominal diameter probe	48 mm
Length of probe	220 mm
Overall dimensions WxDxH **	330x450x576 mm
Net weight	32 kg
sound pressure level +/- 4 dB(A)	59 dB(A)
Power supply requirement	220-240V 1~/2~ 50/60Hz
max. current	5 A
min. Fuse	10A
max. Fuse	16A
Degree of Protection	IP20
min. ambient temperature	5 °C
max. ambient temperature	40 °C



**Order-No.: 3045.0003.98**

**from Serial-No.:**

**505223**

**1.1/22**

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

Included Accessories:

drip tray #350274

Optional accessories:

Glas accessories #505286, Glass adaptor #504545

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

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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)