

Chiller with air-cooled refrigerating unit and circulation pump. Evaporator (cooler), tank and housing of stainless steel. Pressure-suction pump made of industrial plastic material. Digital Temperature adjustment and digital temperature display. Level indicator with sight glass.

Special Case: Acetone and Polyglycol: The plastic pump is not resistant against acetone and polyglycols (depending on the manufacturer). It is recommended that water is mixed with either glysantine or ethylene glycol for freeze protection. A more resistant plastic is available on request at an additional cost.

MPC-Controller:

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

Limited to essential functions only:

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

### Technical data according to DIN 12876

Operating temperature range	-20...40 °C
Temperature adjustment	digital
Temperature indication	digital
Internal temperature sensor	Pt100
Resolution of display	0,1 K
Temperature stability at -10°C	0,5 K
Safety classification	Class I / NFL
Cooling power	
at 15°C	0,3 kW
at 0°C	0,2 kW
at -10°C	0,14 kW
at -20°C	0,07 kW
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant	R290
Refrigerant quantity	0,04 kg
Circulation pump	Pressure- and suction pump
max. delivery	20 l/min
max. delivery pressure	0.2 bar
max. delivery (suction)	17 l/min
max. delivery pressure (suction)	0,18 bar
Pump connection	M16x1 male
min. filling capacity	1,4 l
Volume of expansion	2,6 l
Overall dimensions WxDxH **	225x360x380 mm
Net weight	23 kg
Power supply requirement	230V 1~ 50/60Hz
max. current	2,8 A
min. Fuse (1 phase)	10A
max. Fuse (1 phase)	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.

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Accessories and periphery: Hose coupling nom. dia. 8\*/12\*, sleeve nuts thread M16x1\*, cover expansion tank\*, drain valve, connection tubes

\* standard equipment

Output data valid for: Room temperature 20° C

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

\*\* Please respect space requirements. See operating conditions at [www.huber-online.com](http://www.huber-online.com)