

Chiller with air-cooled refrigerating unit and circulation pump. Evaporator (cooler), tank and housing of stainless steel. Pump made of industrial plastic material. Digital Temperature adjustment and digital temperature display. Adjustable bypass, level indicator with sight glass and analogue manometer.

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	1 kW
at 0°C	0,8 kW
at -10°C	0,5 kW
at -20°C	0,15 kW
Refrigeration machine	air-cooled, CFC- and HCFC-free
Refrigerant	R507
Refrigerant quantity	0,3 kg
Circulation pump	B
at 0,5 bar	21 l/min
at 1,0 bar	17 l/min
at 1,5 bar	11 l/min
at 2,0 bar	6 l/min
max. delivery	25 l/min
max. delivery pressure	2.5 bar
Pump connection	G3/4 male
min. filling capacity	3,8 l
Volume of expansion	1,7 l
Overall dimensions WxDxH **	350x430x622 mm
Net weight	49 kg
Power supply requirement	230V 1~ 50/60Hz
max. current	6 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.

Technical data according to DIN 12876

Accessories and periphery: , Hose coupling for G3/4 male*, cover expansion tank*, 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