

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:

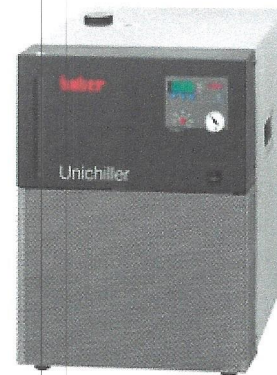
Modern and easy to use microprocessor controller with a large temperature display.

Limited to essential functions only:

- * Simple operation using only 3 keys
- * Large temperature display, actual temperature and set point
- * LED indicators for pump, cooling and heating
- * RS232/serial with the LAI commands G,v,L; (SpyLight compatible)

Technical data according to DIN 12876

Operating temperature range	-20...40 °C
Temperature adjustment	digital
Temperature indication	digital
Internal temperature sensor	Pt100
Temperature stability at -10°C	0,5 K
Safety classification	Class I / NFL
Cooling power	
at 15°C	1,5 kW
at 0°C	1 kW
at -10°C	0,7 kW
at -20°C	0,3 kW
Refrigeration machine	air-cooled, CFC- and HCFC-free
Refrigerant	R507
Refrigerant quantity	0,36 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 **	420x480x579 mm
Net weight	52 kg
Power supply requirement	230V 1~ 50Hz
max. current	7 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.