

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 | 208V 2~ 60Hz |
| max. current | 8,5 A |
| min. Fuse (1 phase) | 2x10A |
| max. Fuse (1 phase) | 2x16A |
| min. ambient temperature | 5 °C |
| max. ambient temperature | 40 °C |



Order-No.: 3009.0051.99

from Serial-No.: 168606

1.1/12

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 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