Unichiller P010 OLÉ

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

Unichiller „P“ Models: Circulating pumps with a high discharge pressure for applications with high pressure drops.

NEW: OLÉ controller:
OLÉ combines state-of-the-art technology with simple operation. Models with OLÉ 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 #10519 to display (not control) e.g. of the process temperature (only available factory fitted, additional charge)

3-2-2 warranty - registration required.

Technical data according to DIN 12876

Operating temperature range	-20...40 °C
temperature set point / display	digital
Internal temperature sensor	Pt100
Resolution of display	0,1 K
Temperature stability at -10°C	0,5 K
Alarm message	optic, acoustic
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
expansion tank	1,7 l
Overall dimensions WxDxH **	350x496x622 mm
Net weight	49 kg
Power supply requirement	230V 1~ 50/60Hz
max. current	6,5 A
min. Fuse (1 phase)	10A
max. Fuse (1 phase)	16A
Degree of Protection	IP20
min. ambient temperature	5 °C
max. ambient temperature	40 °C

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from Serial-No.: 305439 **1.0/18**

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

Included Accessories:
cover expansion vessel #25178, hose coupling for G3/4 male,

Optional accessories:
drain valve #6839, temperature control / - connection hoses, thermofluids, further accessories, etc.: see catalog.

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

Information to Electromagnetic compatibility:
Classification (disturbance) to EN55011: Class A, Group 1

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.

** Please respect space requirements. See operating conditions at www.huber-online.com