Unichiller 060T-H

Chiller with air-cooled refrigerating unit and circulation pump (stainless steel). Housing, atmospheric open expansion tank and copper soldered evaporator made of stainless steel. With digital level indicator. For externally closed applications. With adjustable overtemperature protection according to DIN 12876.

Pilot ONE:
The new Pilot ONE controller with pioneering technology and advanced control functions brings numerous advantages to routine work. The extensive features list includes a brilliant 5,7" TFT touchscreen display, USB and network connections, an integrated technical glossary and language support in 13 languages (EN, DE, FR, IT, ES, RU, CN, PT, JP, CZ, PL, KO, TR). The Pilot ONE has a convenient navigation system with easily remembered icons and menu categories which are colour sorted to make routine work simpler. Thanks to a favourites menu and One-Click operator guidance all important information is always just a few keystrokes away. Software wizards also help you to set up, ensuring correct settings. The USB port allows connection of the system to a PC or notebook. Together with the Spy software, requirements such as remote control or data transmission are easily achieved in a cost-effective manner. Network integration is easy with the internet port.

The range of functions can be expanded very easily via E-grade at any time by entering a unit specific upgrade code:

E-grade "Exclusive": TAC (True Adaptive Control) - self optimising internal and cascade control, selectable temperature control mode (Internal/Process), programmer with 3 programs (max. 15 steps), ramp function (linear), 5 point calibration, scalable graphic display, favourites menu, display resolution 0,01 K.

E-grade "Professional": Programmer with 10 programs (max. 100 steps), ramp function for temperature gradients (linear and non-linear), 2nd set point, user menus (Administrator level), calendar start.

3-2-2 warranty - registration required.

Technical data according to DIN 12876

Operating temperature range	-20...100 °C
temperature set point / display	5,7" colour Touchscreen
Internal temperature sensor	Pt100
Sensor external connection	Pt100
Interface digital	Ethernet, USB (Host u. Device), RS232
Temperature stability at -10°C	0,2 K
Safety classification	Class III / FL
Heating power	2 kW
Cooling power	
at 15°C	6 kW
at 0°C	5 kW
at -10°C	2,8 kW
at -20°C	1,4 kW
Refrigeration machine	air-cooled, CFC- and HCFC-free
Refrigerant (ASHRAE, GHS)	R449A (A1, H280)
Circulation pump:	C3
max. delivery	80 l/min
max. delivery pressure	5,6 bar
Delivery at 0,35 bar	79 l/min
Delivery at 0,5 bar	76 l/min
Delivery at 1,0 bar	71 l/min
Delivery at 1,5 bar	66 l/min
Delivery at 2,0 bar	61 l/min
Delivery at 3,0 bar	49 l/min
Delivery at 4,0 bar	35 l/min
Delivery at 5,0 bar	16 l/min
Pump connection	G1 1/4 male
min. filling capacity	5 l
Volume of expansion	7,5 l
Overall dimensions WxDxH **	600x692x1613 mm
Net weight	228 kg
Power supply (3 Phase)	400V 3~ 50Hz
Degree of Protection	IP20
min. ambient temperature	5 °C

Order-No.:   3026.0112.01

Technical data according to DIN 12876

max. ambient temperature	40 °C

from Serial-No.: **1.0/20**

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

Accessories and periphery: mini-USB cable #54949*, Hose coupling for G1 1/4 male*, cover expansion tank*, connection tubes, Com.G@te.
* standard equipment

Output data valid for: Room temperature 20°C. If the ambient temperature rises, the cooling capacity may drop.

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

Standard delivery conditions - Power cable configuration:
1. Single-phase devices (230V/115V) -> with cable and plug
2. Three-phase devices with current consumption less than 63A -> with cable, without plug
3. Three-phase devices with current consumption greater than 63A -> without cable, without plug

This equipment is compliant to US-SNAP and all applicable EU laws. The US-SNAP end-use for this equipment is the industrial process refrigeration. Certification by a Notified Body upon request.

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