Unichiller 060T

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.

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...40 °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	0,5 K
Safety classification	Class I / NFL
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)
Refrigerant quantity	2,2 kg
Circulation pump:	C3
max. delivery	97 l/min
max. delivery pressure	6,4 bar
Delivery at 0,35 bar	93 l/min
Delivery at 0,5 bar	92 l/min
Delivery at 1,0 bar	86 l/min
Delivery at 1,5 bar	82 l/min
Delivery at 2,0 bar	77 l/min
Delivery at 3,0 bar	65 l/min
Delivery at 4,0 bar	53 l/min
Delivery at 5,0 bar	39 l/min
Delivery at 6,0 bar	17 l/min
Pump connection	G1 1/4 male
min. filling capacity	5 l
Volume of expansion	7,5 l
Overall dimensions WxDxH **	600x692x1615 mm
Net weight	210 kg
Power supply (3 Phase)	460V 3~ 60Hz
max. current (3 Phase)	10 A
Fuse (3 phase)	3x16 A

