

## Unichiller 070Tw

Chiller with water-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.

4-year warranty - registration required.

## Technical data according to DIN 12876

temperature set point / display5,7° colour TouchscreenInternal temperature sensorP1100Sensor external connectionP1100Temperature stability at ·10°C0,5 KInterface digitalEthernet, USB (Host u. Device), RS232Safety classificationI / NFLCooling power1at 15°C7 kWat 0°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigeration machineC3max. delivery97 //minmax. delivery92 //minDelivery at 0,5 bar93 //minDelivery at 0,5 bar93 //minDelivery at 0,5 bar92 //minDelivery at 0,5 bar53 //minDelivery at 5,0 bar53 //minDelivery at 5,0 bar53 //minDelivery at 6,0 bar17 //minfunction at water 15°C, flow 15°C <t< th=""><th>Operating temperature range</th><th>-1040 °C</th><th></th></t<>	Operating temperature range	-1040 °C	
Sensor external connectionPt100Temperature stability at -10°C0,5 KInterface digitalEthernet, USB (Host u. Device), RS232Safety classification1 / NFLat 15°C7 kWat 15°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigeration pumpC3max. delivery pressure6,4 barDelivery at 0,5 bar92 //minDelivery at 1,5 bar82 //minDelivery at 1,5 bar82 //minDelivery at 2,0 bar77 //minDelivery at 4,0 bar53 //minDelivery at 5,0 bar93 //minDelivery at 6,0 bar11 // male <td>temperature set point / display</td> <td>5,7" colour Touchscreen</td> <td></td>	temperature set point / display	5,7" colour Touchscreen	
Temperature stability at -10°C0,5 KInterface digitalEthernet, USB (Host u. Device), RS232Safety classificationI / NFLCooling powerIat 15°C7 kWat 15°C4,2 kWat 10°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigerant (ASHRAE, GHS)R-449A (A1, H280)Global Warming Potential (GWP)1397Circulation pumpC3max. delivery97 //minDelivery at 0,35 bar93 //minDelivery at 0,35 bar92 //minDelivery at 1,5 bar82 //minDelivery at 1,5 bar82 //minDelivery at 2,0 bar77 //minDelivery at 4,0 bar53 //minDelivery at 4,0 bar53 //minDelivery at 5,0 bar39 //minDelivery at 5,0 bar39 //minDelivery at 4,0 bar65 //minDelivery at 5,0 bar39 //minDelivery at 5,0 bar39 //minDelivery at 5,0 bar39 //minDelivery at 6,0 bar17 //minPump connectionG1/2 maleConsumption at water 15°C, flow 15°C474 //hConsumption at water 15°C, flow 10°C264 //hmax. cooling water pressure1,5 barmax. cooling water pressure5,9 l	Internal temperature sensor	Pt100	
Interface digital     Ethernet, USB (Host u. Device), RS232       Safety classification     I / NFL       Cooling power     at 15°C       at 15°C     7 kW       at 10°C     2,5 kW       Refrigeration machine     water-cooled, CFC- and HCFC-free       Refrigerant (ASHRAE, GHS)     R-449A (A1, H280)       Global Warming Potential (GWP)     1397       Circulation pump     C3       max. delivery pressure     6,4 bar       Delivery at 0,35 bar     93 //min       Delivery at 1,5 bar     92 //min       Delivery at 1,0 bar     86 //min       Delivery at 3,0 bar     93 //min       Delivery at 4,0 bar     93 //min       Delivery at 5,0 bar     92 //min       Delivery at 5,0 bar     93 //min       Delivery at 5,0 bar     91 //min       Delivery at 5,0 bar     92 //min       Delivery at 5,0 bar     <	Sensor external connection	Pt100	
Device), RS232Safety classificationI / NFLCooling powerI / NFLat 15°C7 kWat 16°C4,2 kWat -10°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigerant (ASHRAE, GHS)R-449A (A1, H280)Global Warming Potential (GWP)1397Circulation pumpC3max. delivery pressure6,4 barDelivery at 0,35 bar93 //minDelivery at 0,35 bar92 //minDelivery at 1,0 bar86 //minDelivery at 1,0 bar82 //minDelivery at 3,0 bar53 //minDelivery at 4,0 bar53 //minDelivery at 4,0 bar53 //minDelivery at 4,0 bar53 //minDelivery at 6,0 bar17 //minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 15°C264 l/hmin. coling water differential pressure1,5 barmax. cooling water differential pressure1,5 barmin. filling capacity5,9 l	Temperature stability at -10°C	0,5 K	a false seen
Safety classification     I / NFL       Cooling power	Interface digital	Ethernet, USB (Host u.	
Cooling powerat 15°C7 kWat 0°C4,2 kWat 10°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigerant (ASHRAE, GHS)R-449A (A1, H280)Global Warming Potential (GWP)1397Circulation pumpC3max. delivery97 l/minmax. delivery pressure6,4 barDelivery at 0,35 bar93 l/minDelivery at 1,0 bar86 l/minDelivery at 1,0 bar85 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar39 l/minDelivery at 6,0 bar91 l/minDelivery at 1,0 bar91 l/minDelivery at 6,0 bar91 l/minDelivery at 6,0 bar91 l/minDelivery at 6,0 bar91 l/minConsumption at water 15°C, flow 15°C424 l/hConsumption at water 15°C, flow -10°C264 l/hmin. filling capacity5,9 l			
at 15°C     7 kW       at 0°C     4,2 kW       at -10°C     2,5 kW       Refrigeration machine     water-cooled, CFC- and HCFC-free       Refrigerant (ASHRAE, GHS)     R-449A (A1, H280)       Global Warming Potential (GWP)     1397       Circulation pump     C3       max. delivery     97 l/min       Delivery at 0,35 bar     93 l/min       Delivery at 0,35 bar     92 l/min       Delivery at 1,0 bar     86 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     71 l/min       Delivery at 6,0 bar     61 l/4 male       Cooling water connection     G1/2 male       Consumption at water 15°C, flow 15°C     474 l/h       Consumption at water 15°C, flow 0°C     264 l/h       min. cooling water differential pressure     1,5 bar       max. cooling water differential pressure     1,5 bar       min. cooling water differential pressure     1,5 bar       min. filling capacity     5,9 l	-	I / NFL	and the second
at 0°C4,2 kWat -10°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigerant (ASHRAE, GHS)R-449A (A1, H280)Global Warming Potential (GWP)1397Circulation pumpC3max. delivery97 //minmax. delivery pressure6,4 barDelivery at 0,35 bar93 //minDelivery at 0,5 bar92 //minDelivery at 1,0 bar86 //minDelivery at 1,0 bar86 //minDelivery at 2,0 bar77 //minDelivery at 3,0 bar65 //minDelivery at 3,0 bar39 //minDelivery at 4,0 bar39 //minDelivery at 5,0 bar39 //minDelivery at 5,0 bar39 //minDelivery at 5,0 bar31 //minDelivery at 5,0 bar31 //minDelivery at 6,0 bar71 //minDelivery at 5,0 bar39 //minDelivery at 6,0 bar17 //minDelivery at 6,0 bar61 1/4 maleCooling water connectionG1 2 maleConsumption at water 15°C, flow 15°C330 //hConsumption at water 15°C, flow 0°C330 //hConsumption at water 15°C, flow 0°C264 //hmin. cooling water differential pressure1,5 barmax. cooling water differential pressure1,5 barmin. filling capacity5,9 l			
at -10°C2,5 kWRefrigeration machinewater-cooled, CFC- and HCFC-freeRefrigerant (ASHRAE, GHS)R-449A (A1, H280)Global Warming Potential (GWP)1397Circulation pumpC3max. delivery97 l/minmax. delivery pressure6,4 barDelivery at 0,35 bar93 l/minDelivery at 1,0 bar86 l/minDelivery at 1,5 bar82 l/minDelivery at 3,0 bar95 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar93 l/minDelivery at 6,0 bar77 l/minDelivery at 6,0 bar71 l/minDelivery at 6,0 bar61 l/minDelivery at 6,0 bar71 l/minDelivery at 6,0 bar61 l/minDelivery at 6,0 bar61 l/minDelivery at 6,0 bar61 l/minDelivery at 6,0 bar71 l/minPump connectionG1 1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow 10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l			and the second
Refrigeration machine     water-cooled, CFC- and HCFC-free       Refrigerant (ASHRAE, GHS)     R-449A (A1, H280)       Global Warming Potential (GWP)     1397       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 2,0 bar     77 l/min       Delivery at 2,0 bar     65 l/min       Delivery at 3,0 bar     65 l/min       Delivery at 4,0 bar     65 l/min       Delivery at 5,0 bar     39 l/min       Delivery at 5,0 bar     39 l/min       Delivery at 6,0 bar     17 l/min       Pump connection     G1 1/4 male       Cooling water connection     G1 1/2 male       Consumption at water 15°C, flow 15°C     474 l/h       Consumption at water 15°C, flow 0°C     330 l/h       Consumption at water 15°C, flow 0°C     264 l/h       min. cooling water differential pressure     1,5 bar       min. cooling water pressure     6 bar       min. filling capacity     5,9 l		4,2 kW	🔍 Unichiller 🧕
HCFC-freeRefrigerant (ASHRAE, GHS)R-449A (A1, H280)Global Warming Potential (GWP)1397Circulation pumpC3max. delivery97 l/minmax. delivery pressure6,4 barDelivery at 0,35 bar93 l/minDelivery at 0,5 bar92 l/minDelivery at 1,0 bar86 l/minDelivery at 2,0 bar92 l/minDelivery at 3,0 bar82 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar93 l/minDelivery at 6,0 bar17 l/minPump connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow 0°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l		,	
Global Warming Potential (GWP)     1397       Circulation pump     C3       max. delivery     97 I/min       max. delivery pressure     6,4 bar       Delivery at 0,35 bar     93 I/min       Delivery at 0,35 bar     92 I/min       Delivery at 0,5 bar     92 I/min       Delivery at 1,0 bar     86 I/min       Delivery at 1,5 bar     82 I/min       Delivery at 2,0 bar     77 I/min       Delivery at 3,0 bar     65 I/min       Delivery at 4,0 bar     53 I/min       Delivery at 5,0 bar     93 I/min       Delivery at 6,0 bar     71 I/min       Delivery at 6,0 bar     10 I/min       Delivery at 5,0 bar     0 I/min       Delivery at 6,0 bar     17 I/min       Pump connection     G1 1/4 male       Cooling water connection     G1/2 male       Consumption at water 15°C, flow 15°C     474 I/h       Consumption at water 15°C, flow 10°C     264 I/h       min. cooling water pressure     1,5 bar       max. cooling water pressure     6 bar       min. filling capacity     5,9 I	Refrigeration machine		
Circulation pumpC3max. delivery97 l/minmax. delivery pressure6,4 barDelivery at 0,35 bar93 l/minDelivery at 0,35 bar92 l/minDelivery at 0,5 bar92 l/minDelivery at 1,0 bar86 l/minDelivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1 2/4 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow 0°C330 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Refrigerant (ASHRAE, GHS)	R-449A (A1, H280)	
max. delivery97 l/minmax. delivery pressure6,4 barDelivery at 0,35 bar93 l/minDelivery at 0,5 bar92 l/minDelivery at 1,0 bar86 l/minDelivery at 1,0 bar82 l/minDelivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minDelivery at 6,0 bar61 1/4 maleCooling water connectionG1 1/4 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C30 l/hConsumption at water 15°C, flow 10°C30 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Global Warming Potential (GWP)	1397	
max. delivery pressure6,4 barDelivery at 0,35 bar93 l/minDelivery at 0,5 bar92 l/minDelivery at 1,0 bar86 l/minDelivery at 1,5 bar82 l/minDelivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minDelivery at 6,0 bar61 l/4 maleCooling water connectionG1 l/4 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Circulation pump	C3	
Delivery at 0,35 bar93 l/minDelivery at 0,5 bar92 l/minDelivery at 1,0 bar86 l/minDelivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow 10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	max. delivery	97 l/min	
Delivery at 0,5 bar92 l/minDelivery at 1,0 bar86 l/minDelivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water pressure6 barmax. cooling water pressure6 barmin. filling capacity5,9 l	max. delivery pressure	6,4 bar	
Delivery at 1,0 bar86 l/minDelivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 3,0 bar53 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 0,35 bar	93 l/min	
Delivery at 1,5 bar82 l/minDelivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 5,0 bar17 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow 10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 0,5 bar	92 l/min	
Delivery at 2,0 bar77 l/minDelivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 1,0 bar	86 l/min	*
Delivery at 3,0 bar65 l/minDelivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minDelivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 1,5 bar	82 l/min	10 12
Delivery at 4,0 bar53 l/minDelivery at 5,0 bar39 l/minOrder-No.: 3016.0031.01Delivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 2,0 bar	77 l/min	
Delivery at 5,0 bar39 l/minOrder-No.: 3016.0031.01Delivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 3,0 bar	65 l/min	
Delivery at 6,0 bar17 l/minPump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 4,0 bar	53 l/min	
Pump connectionG1 1/4 maleCooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 5,0 bar	39 l/min	Order-No.: 3016.0031.01
Cooling water connectionG1/2 maleConsumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Delivery at 6,0 bar	17 l/min	
Consumption at water 15°C, flow 15°C474 l/hConsumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Pump connection	G1 1/4 male	
Consumption at water 15°C, flow 0°C330 l/hConsumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Cooling water connection	G1/2 male	
Consumption at water 15°C, flow -10°C264 l/hmin. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	•	474 l/h	
min. cooling water differential pressure1,5 barmax. cooling water pressure6 barmin. filling capacity5,9 l	Consumption at water 15°C, flow 0°C	330 l/h	
max. cooling water pressure6 barmin. filling capacity5,9 l	Consumption at water 15°C, flow -10°C	264 l/h	
min. filling capacity 5,9 I	min. cooling water differential pressure	1,5 bar	
Volume of expansion 7,5 I			
	Volume of expansion	7,5 l	

Overall dimensions WxDxH **	600x600x1450 mm	
Power supply (3 Phase)	460V 3~ 60Hz	
Pressure equipment category	1	
Degree of Protection	IP20	
min. ambient temperature	5 °C	
max. ambient temperature	40 °C	

1.0/21

## from Serial-No.:

Technical data according to DIN 12876

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

mini-USB cable #54949, cover expansion vessel, Hose coupling for G1 1/4 male, hose coupling cooling water for G1/2 male

Optional accessories:

Com.G@te, external sensor, temperature control / - connection hoses, thermofluids, further accessories, etc.: see catalog.

Output data valid for: Room temperature 20°C, cooling water inlet 15°C and 1,5 bar differential pressure between cooling water inlet and -outlet. This temperature control unit has been designed to operate with cooling water up to 20°C. As the cooling water temperature increases, drop in the cooling power should be expected, and also an increased cooling water flow rate possible. Materiels used in the cooling water circuit include; copper, Stainless steel 1.4401, MS, PA, PPE, PTFE and EPDM. Please use suitable cooling water.

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 / two-phase devices (100V to 240V) --> with power cable and country-specific plug (please specify when ordering)

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