

CC-415wl

Refrigerated Heating Circulator Bath with air- and water-cooled cooling machine. Powerful, variable speed, pressure and suction pump, evaporator (cooler) and housing of stainless steel, CFC and H-CFC free. 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.

4-year warranty - registration required.

Technical data according to DIN 12876

-40200 °C	
0,02 K	
5,7" colour Touchscreen	
Pt100	
Pt100	
Ethernet, USB (Host u. Device), RS232	- an -
III / FL	
1,6 kW	
1,5 kW	a la la companya de la compa
1,3 kW	
1,2 kW	
1,2 kW	
1 kW	
0,6 kW	
0,2 kW	
0,05 kW	
air- and water-cooled, CFC-free	
R-452A (A1, H280)	
2141	
0,38 kg	Order-No.: 2018.0002.01
25 l/min	
0,7 bar	
yes	
18,5 l/min	
0,4 bar	
M16x1 male	
50 mm²/s	
G1/2 male	
72 l/h	
66 l/h	
42 l/h	
3 bar	
6 bar	
	0,02 K 5,7" colour Touchscreen Pt100 Ethernet, USB (Host u. Device), RS232 III / FL 1,6 kW 1,5 kW 1,2 kW 1,2 kW 1,2 kW 1,2 kW 1,2 kW 0,6 kW 0,2 kW 0,05 kW air- and water-cooled, CFC-free R-452A (A1, H280) 2141 0,38 kg 25 l/min 0,7 bar yes 18,5 l/min 0,4 bar M16x1 male 50 mm ² /s G1/2 male 72 l/h 66 l/h 42 l/h 3 bar

Technical data according to DIN 12876

from Serial-No.:	433624	1.2/21
min. ambient temperature	5 °C	
max. ambient temperature	40 °C	
Degree of Protection	IP20	
max. Fuse	16A	
min. Fuse	10A	
max. current	9 A	
Power supply requirement	220-240V 1~/2~ 50/60Hz	
Net weight	61 kg	
Overall dimensions WxDxH **	410x480x764 mm	
Height of bath opening	565 mm	
Width bath opening WxD / bath depth	120 x 110 / 150 mm	
min. filling capacity	4	
Bath volume	51	

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*, bath cover*, Adapter nom. dia. 12mm*, dummy plugs*, sleeve nuts thread M16x1*, hose coupling 3/8", cooling water outlet 7/16", connection tubes, braided hoses for cooling water, drain valve.

* standard equipment

Output data valid for: Room temperature 20°C, cooling water inlet 15°C and 3 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. If the ambient temperature rises, the cooling capacity may drop. 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