CC-304B

Heating Circulator Bath with housing, bath and all moistened parts are made of stainless steel. With cooling coil for water-cooling (3/8"), pressure- and suction pump made of high-resistant plastic. With adjustable overtemperature protection according to DIN 12876.

Pilot ONE:
The 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, ZH, PT, JA, CS, 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

Operating temperature range	28...300 °C
with water cooling	20...300 °C
with refrigerator	-20...300 °C
Temperature stability at 70°C	0,02 K
temperature set point / display	5,7" colour Touchscreen
Absolute accuracy	setup for calibration
Internal temperature sensor	Pt100
Sensor external connection	Pt100
Interface digital	Ethernet, USB (Host u. Device), RS232
Safety classification	III / FL
Heating power at 240V	3 kW
Heating power at 230V	3 kW
Heating power at 220V	2,8 kW
Heating power at 208V	2,5 kW
Heating power at 200V	2,2 kW
Pressure pump	yes
max. delivery	25 l/min
Delivery pressure (head)	0,7 bar
Suction pump	yes
max. delivery (suction)	18,5 l/min
Delivery suction pressure (head)	0,4 bar
Pump connection	M16x1 male
max. permissible kin. viscosity	50 mm²/s
min. filling capacity	3,2 l
Bath volume	5 l
Width bath opening WxD	130x100 mm
Bath depth	155 mm
Height of bath opening	194 mm
Overall dimensions WxDxH **	210x335x392 mm
Net weight	14 kg
Power supply requirement	200-240V 1~/2~ 50/60Hz
max. current	14 A
Fuse	16 A
Pressure equipment category	Art. 4.3 PED
Degree of Protection	IP20



Order-No.: 2005.0001.01

Peter Huber Kältemaschinenbau SE Werner-von-Siemens-Str. 1 D-77656 Offenburg Tel 0781/9603-0 Fax 0781/57211 www.huber-online.com

Technical data according to DIN 12876

min. ambient temperature	5 °C
max. ambient temperature	40 °C

from Serial-No.:	**S392793**	**1.3/20**

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, hose connector NW12 , bath cover, blank plug , sleeve nuts thread

Optional accessories:
Com.G@te, drain valve, 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 + / - 10%, as long as the frequency tolerance does not run in the opposite direction.
Example: -10% voltage and +3% frequency -> not allowed !
-10% voltage and -3% frequency -> allowed.

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

External branch circuit protection according to UL 489 required.
For the specification, please refer to the electrical schematics.

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

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