

Petite Fleur



Hydraulically sealed Refrigerated Heating Circulator with air-cooled refrigerating unit. With atmospheric open expansion tank and optical level indicator.For externally closed applications. Powerful, variable speed pump, housing of stainless steel, CFC and H-CFC free. With adjustable overtemperature protection according to DIN 12876. High system performance (watt/litre) due to minimized internal volume. No HTF vapour and no moisture absorption because the expansion tank is thermally passive.

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.

Further functions:

E-grade Professional installed as standard, TAC (True Adaptive Control) - self optimising internal and cascade control, selectable temperature control mode (Internal/Process), programmer with 10 programs (max. 100 steps), ramp function (linear and non-linear), 5 point calibration, scalable graphic display, favourites menu, display resolution 0,01 K, integrated technical glossary, 2nd set point, user menus (Administrator level), calendar start, wallpaper selection.

4-year warranty - registration required.

Technical data according to DIN 12876

Peter Huber Kältemaschinenbau SF

Werner-von-Siemens-Str 1

Temperature stability at -10°C0,01 Ktemperature set point / display5,7° colour TouchscreenResolution of display0,01 KInternal temperature sensorP1100Sensor external connectionP1100Interface digitalEthernet, USB (Host u. Device), RS232digital inputECS ONEdigital outputPCKO ONEAlarm messageoptic, acoustic, relayJill / FL11 / FLHeating power1,5 kWCooling power withThermooilat 150°C0,48 kWat 10°C0,48 kWat 0°C0,48 kWat 0°C0,48 kWat 20°C0,48 kWat 40°C0,04 kWat -30°C0,16 kWat -40°C0,04 kWat -40°C0,04 kWat -40°C0,04 kWRefrigeration machineair-cooled, natural refrigerantRefrigeration pump:Z5 //minmax. delivery25 //minmax. delivery pressure0,9 barPump connectionM16x1 malemax. delivery pressure0,9 barPump connectionM16x1 malemax. delivery pressure25 //minmax. delivery pressure9 barPump connectionM16x1 malemax. delivery pressure20 barPump connectionM16x1 malemax. delivery pressure21Ver valid timensions WXDXH **260x450x504 mmNet weinbt5 km	Operating temperature range	-40200 °C	
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Overall dimensions WxDxH ** 260x450x504 mm	÷ · ·		
Net weight 45 kg			
	Net weight	45 kg	

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Technical data according to DIN 12876

from Serial-No.:	395827	1.3/20
max. ambient temperature	40 °C	
min. ambient temperature	5 °C	
Degree of Protection	IP20	
Pressure equipment category	Art. 4.3 PED	
max. Fuse	2x16A	
min. Fuse	2x10A	
max. current	10 A	
Power supply requirement	208V 2~ 60Hz	
sound pressure level +/- 4 dB(A)	58 dB(A)	

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*, E-grade "Professional" #9496*, E-grade "Explore" #10495, Adapter nom. dia. 12*, sleeve nuts M16x1 male*, Com.G@te Namur

* 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 / 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