



PocketChiller ULK 402 NP

Recirculating Chiller

The PocketChiller combines attractive design with sustainable technology and is the ideal solution for a wide range of applications in laboratories, industry, research and production. Thanks to its innovative housing design, it impresses with its particularly low weight and compact dimensions. In combination with the quiet cooling unit, the handy chiller is ideal for installation directly on the table at the workstation. Environmentally friendly and future-orientated thanks to natural refrigerants: reduced refrigerant quantity and considerably lower GWP values (global warming potential), as well as low power consumption.



Characteristics

- Electronic temperature control with LED display
- Natural refrigerant with high efficiency
- Low operating noise
- Fill level indicator on the front of the device
- Monitoring of the fill level with automatic pump switch-off
- Optical and acoustical alarm
- Refrigeration unit: hermetically sealed, air-cooled, low-maintenance
- Filler opening and hose connections on the top of the device

Options

- Colour versions:



Colour version silver: 030ULK402NP



Colour version white: 030ULK402NP-w

Technical Data

Working temperature range	-10°C to +40°C
Control accuracy at -10°C	+/- 1 K
Display resolution	0,1 K
Cooling capacity	
at 20°C	400 W
at 10°C	350 W
at 0°C	250 W
at -10°C	80 W
Circulation pump	
Flow rate [max.]	8 l/min
Flow pressure [max.]	0,80 bar
Hose connections	G 1/4" for Hose-Ø 8/10/13mm
Coolant tank	1,5 to 4,0 l
External dimensions [WxDxH]	26 x 37 x 40,5 cm
Installation dimensions [WxD]	66 x 57 cm
Weight	19 kg
Noise level [distance 1m]	47 dB(A)
Permitted ambient temperature range	5°C to 40°C
Max. permissible temperature of the coolant	60°C
Electrical connection	230 V / 50 Hz
Power consumption	200 W
Current [max.]	1,6 A
Protection class	IP 20
Class. acc. DIN 12876	I / NFL
Max. operating pressure	25 bar
Refrigerant	R290 (GWP 3*)
Minimum room volume	8 m ³
<small>(minimum available air volume of the installation space in accordance with DIN EN IEC 61010-2-011)</small>	

Included in the scope of delivery

- Coolant
- Hose connections for hose diameter 8 mm
- Hose connections for hose diameter 10 mm
- Hose connections for hose diameter 13 mm

Accessories

- Hose Ø 9mm | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 8mm
- Hose Ø 10mm | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 10mm
- Hose Ø 12,7mm | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 13mm
- Hose Ø 9mm | thermo-isolated | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 8mm
- Hose Ø 10mm | thermo-isolated | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 10mm
- Hose Ø 12,7mm | thermo-isolated | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 13mm
- Hose set Ø 9mm | thermo-isolated | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 8mm | 2x2m
- Hose set Ø 10mm | thermo-isolated | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 10mm | 2x2m
- Hose set Ø 12,7mm | thermo-isolated | 16 bar | to -20°C | PVC | with fabric | suitable for hose connection Ø 13mm | 2x2m
- Thermal plate TP
for cooling and thermostating in combination with FRYKA recirculation chillers | plate size according to customer requirements