



# PocketChiller ULK 402 N

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: 030ULK402N



Colour version white: 030ULK402N-w



## Technische Daten

<b>Working temperature range</b>	-10°C to +40°C
<b>Control accuracy at -10°C</b>	+/- 1 K
<b>Display resolution</b>	0,1 K
<b>Cooling capacity</b>	
at 20°C	400 W
at 10°C	350 W
at 0°C	250 W
at -10°C	80 W
<b>Circulation pump</b>	
Flow rate [max.]	6 l/min
Flow pressure [max.]	0,15 bar
<b>Hose connections</b>	G 1/4" for Hose-Ø 8/10/13mm
<b>Coolant tank</b>	1,5 to 4,0 l
<b>External dimensions [WxDxH]</b>	26 x 37 x 40,5 cm
<b>Installation dimensions [WxD]</b>	66 x 57 cm
<b>Weight</b>	19 kg
<b>Noise level [distance 1m]</b>	47 dB(A)
<b>Permitted ambient temperature range</b>	5°C to 40°C
<b>Max. permissible temperature of the coolant</b>	60°C
<b>Electrical connection</b>	230 V / 50 Hz
<b>Power consumption</b>	200 W
<b>Current [max.]</b>	1,6 A
<b>Protection class</b>	IP 20
<b>Class. acc. DIN 12876</b>	I / NFL
<b>Max. operating pressure</b>	25 bar
<b>Refrigerant</b>	R290 (GWP 3*)

## 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

## Zubehör

- 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