

COOLING FASCINATION ❄️

Refrigerators and freezers for professional use



Circulating cooler ULK

The ULK circulating cooler serves as a universal cooler for the entire laboratory and industry and is an interesting and economical alternative to tap water cooling.

The unit is characterized by its flexible use in various applications. On the one hand the 9,5 litre coolant tank can provide high temperature stability or can operate as a cold reservoir to help cushion cooling demand peaks. On the other hand, by minimally filling the device you have a very dynamic system with short cooling times which can quickly react to your cooling demands.

Due in particular to its compact space-saving design with a low-noise cooling unit, the circulating cooler is suitable for direct use in the workplace.

Model	ULK 1002	ULK 2002
Temperature range	-10°C to +40°C	
Control accuracy	+/- 0,5 K	
Cooling capacity in watts		
at +20°C	1200	2300
at +10°C	850	1600
at -10°C	400	750
Circulation pump		
Output	12l/min	
Discharge head	29mWs	
External dimensions [WxDxH] [cm]	35 x 44,5 x 66	35 x 44,5 x 94
Weight	41 kg	65 kg
Ambient temperature	+12°C to +30°C	
Electrical connection	230 V / 50 Hz	
Max. current	3,5 A	8,0 A
Coolant tank	2,0 to 9,5l	

Options:

- Operation with natural coolants
- Heating for extended temperature range
- Portable version
- Potential-free alarm contact with connection to an external alarm system
- Voltage input for externally setting the set point
- Voltage output for reading the actual value
- Interface converter/gateway from RS485 to USB or Ethernet
- Optional direct measurement of the application's temperature with an external gauge; by subsequently setting the set point, greater temperature stability can be achieved than with a standard system



ULK 1002:
modern generation of circulating coolers for professional applications

Characteristics:

- // **energy-efficient:**
 - fan with EC technology
- // **low noise level:**
 - particularly quiet components
 - fan adjusts its speed to the required value
- // **user-friendly:**
 - integrated funnel
 - self-sealing hose connector with quick coupling
 - drain cock
- // **high-quality components:**
 - touchscreen controller with high-grade glass screen and integrated flow and digital fill level indicators
 - components from renowned German manufacturers
 - refrigeration unit:
 - fully hermetically sealed, air-cooled, low maintenance
- // **high operational reliability:**
 - freeze-up and thermal overload protection
 - flow control with dry running protection
 - optical and acoustical alarm
 - error messages are displayed in plain text
- // **proven standard:**
 - MOD bus interface

