



RECIRCULATING CHILLER ULK 602

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

Some examples are the removal of process heat, stabilising of the temperature of laboratory equipment such as centrifuges, analysers, rotary evaporators or reaction vessels.

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

Model	ULK 602
Temperature range [min/max]	-10°C / +40°C
Control accuracy	+/- 0,5 K
Cooling capacity [at +20°C]	650 W
Pump capacity flow rate	10 l/min
Pump capacity flow pressure	0,6 bar
External dimensions [WxDxH]	31 x 41,5 x 58 cm
Weight	35 kg
Ambient temperature [min/max]	+12°C / +30°C
Electrical connection	230 V / 50 Hz
Current [max.]	3,0 A
Coolant tank	2,0 to 4,5 l

Options:

- Operation with natural refrigerants
- 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
- Stronger pump with increased output and discharge head

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 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