

# Circulating Cooler DLK 402



The smallest type of the DLK serie is a replacement for cooling systems supplied with waste process water, to cool heat generated in processing, to control the temperature of devices such as centrifuges, microscopes, spectrometers, analysers, distillation devices, rotary evaporators, electrophoresis equipment, reaction vassels. The throughput-cooler DLK 402 can be operated as closed or open systems. It's special full hermetic cooling system has a very low noise level and canbe perfectly used direct at the working place.

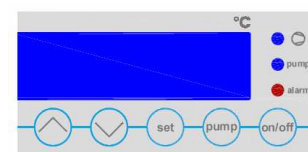
## Technical Data:

Type: DLK 402  
Temperature Range: -10 to +40 °C  
Cooling Capacity: 380 watts at +30 °C  
270 watts at +10 °C  
Control precision: +/- 1 K  
Electronic Controller: blue LED-Display  
Enclosure IP65 front  
Sensor PT100.  
Pump: 4 Liter/min.  
0,15 bar max. Pressure  
Dimensions (WxLxH): 26 x 37 x 40,5 cm  
Material Housing: PUR Hard Foam, silver  
Material Grid (back): Stainless Steel  
Weight: 18,2 kg  
Surrounding Temp.: +12 °C to +30 °C  
Electrical Supply: 230 V / 50 Hz



## Technical Characteristics:

Cooling Liquid Tank: Volume: 4 Liter  
Material: PUR-Hardfoam, Copper, Brass.  
Filling Tube 3/4"  
In / Outlet: 1/4" In-Thread, different tubes are available (for 6 and 8mm Tubes)  
Temperature Alarm: Limit Value Alarm, when actual temperature rises upper or lower the range -12 / +42 °C.  
Liquid Level Display: Small liquid tube for showing the level inside.  
Liquid Level Alarm: Level-switch in the tank for switching an level-alarm at the controller when cooling liquid is missing.  
Cooling Machine: Full hermetical closed compressor from DANFOSS guarantee reliability efficiency and low noise level at maximum cooling capacity  
Temperature Controller: electronical temperature controler with blue LED-Display and protection IP65 at front panel.  
Standby-buttons for pump and cooling.



**FRYKA**-Kältetechnik GmbH

Ohmstrasse 4 / 73730 Esslingen / GERMANY

Tel. ++49-711-310599-0 / Fax ++49-711-310599-29 / E-Mail: info@fryka.de / Internet: www.fryka.de