



Powerful, robust and reliable recirculating chiller for laboratories, production and industry with a very good price-performance ratio. 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.

Features



Environmentally friendly

- energy-saving fan with EC technology
- natural refrigerant with high efficiency reduces power consumption
- lower refrigerant charge quantities per device



Low operating noise

- due to particularly quiet components
- fan adjusts the speed to the demand



High-quality components

- touchscreen controller with glass screen and integrated digital display of the fill level
- branded components for a long service life
- refrigeration unit: hermetically sealed, air-cooled, low-maintenance



Operating safety

- thermal overload protection
- pump switch off in case of low liquid level
- optical and acoustical alarm
- error messages are displayed in plain text

Options

- MODbus interface
- 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
- Connection of external sensor



Technical Data

	DLK 1102
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	1100 W
Circulation pump	
Flow rate [max.]	12 l/min
Flow pressure [max.]	3,0 bar
Hose connections	10 mm / 12 mm
Coolant tank	13,5 l
External dimensions [WxDxH]	38,5 x 46,5 x 62 cm
Weight	42 kg
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	650 W/h
Protection class	IP 20
Class. acc. DIN 12876	I / NFL
Max. operating pressure	25 bar
Refrigerant	R290 (GWP 3*)
Filling quantity	95 g
CO₂ equivalent	0,00028 Tonnen

Features

	DLK 1102
Fill level display	✓
Overheating monitoring	✓
Fan with energy-saving motor	✓
Touchscreen controller with glass screen	✓
Visual display pump function	✓
Interfaces (MOD bus, alarm contact, etc.)	[✓]
Drain valve	✓