



Powerful, robust and reliable recirculating chiller for laboratories, production and industry with a very good price-performance ratio. Environmentally friendly and sustainable thanks to natural refrigerants: reduced refrigerant quantity and considerably lower GWP values (global warming potential), as well as low power consumption.

Characteristics



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

- freeze-up and 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
- Direct measurement of the application's temperature with an external sensor



Technical data

	DLK 2102
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	2000 W
Circulation pump	
Flow rate [max.]	12 l/min
Flow pressure [max.]	3,0 bar
Hose connections	10 mm / 12 mm
Coolant tank	18,0 l
External dimensions [WxDxH]	43 x 45 x 71 cm
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	900 W/h
Protection class	IP 20
Class. acc. DIN 12876	I / NFL
Max. operating pressure	25 bar
Refrigerant	R290 (GWP 3*)

Features

	DLK 2102
Fill level indicator	✓
Thermal overload protection	✓
Fan with energy-saving motor	✓
Touchscreen controller with glass screen	✓
Visual display pump function	✓
Interfaces (MOD bus, alarm contact,...)	{✓}
Drain valve	✓