

FRYKA

OVERVIEW

RECIRCULATING CHILLERS

SPACE-SAVING RECIRCULATING CHILLERS
FOR LABORATORY, PRODUCTION & INDUSTRY

DLK 402 N
ULK 602 N
ULK 1002 N
ULK 2002 N



NEW:
With natural
refrigerants



FRYKA RECIRCULATING CHILLERS

More efficiency, more environmental friendliness, more reliability. Recirculating chillers from FRYKA are an economically attractive and environmentally friendly solution for all cooling tasks in laboratories, production and industry. With cooling capacities from 0.4 to 2.0 kW and numerous equipment options, these particularly quiet and low-maintenance recirculating chillers are suitable for a wide range of customised tasks. Thanks to the use of natural refrigerants, they are a real alternative to conventional cooling with tap water and are therefore easy on your wallet. **For every cooling task.**

ALL ADVANTAGES AT A GLANCE

✓ HIGH QUALITY

- Branded components for a long service life
- Robust housing made of stainless steel and PU moulded parts
- Integrated fill level indicator

👤 USER-FRIENDLY

- Compact, space-saving design
- Easy filling thanks to easily accessible filler openings

🔊 QUIET

- Particularly quiet components
- Installation possible directly at the workplace

🛡️ OPERATING SAFETY

- Visual and acoustic warning messages
- Pump switch-off in case of low liquid level

⚙️ CUSTOMISABLE

- Various pumps
- Various interface options
- Mobile version

Working temperature range

Cooling capacity

- at 20° C
- at 10° C
- at 0° C
- at -10° C

Circulation pump

- Flow rate [max.]
- Flow pressure [max.]

Hose connections

External dimensions [W×D×H]

Electrical connection

Refrigerant

OPTIONAL EQUIPMENT

Touchscreen controller with glass screen

Digital fill level and flow display

Integrated filling funnel and drain valve

Self-sealing hose connectors for leak-free hose replacement

No ventilation grilles on the sides

Interfaces (e.g. for Modbus, alarm connection, ...)

Flow monitoring with pump switch-off



Environmentally friendly through the use of natural refrigerants

The natural refrigerants used in the FRYKA recirculating chillers have a significantly lower greenhouse effect than synthetic and fluorinated alternatives.



DLK 402 N	ULK 602 N	ULK 1002 N	ULK 2002 N
-10° C to +40° C	-10° C to +40° C	-10° C to +40° C	-10° C to +40° C
400 W	600 W	1000 W	2000 W
350 W	500 W	800 W	1550 W
250 W	350 W	550 W	900 W
80 W	200 W	300 W	650 W
6 l/min	10 l/min	12 l/min	12 l/min
0,15 bar	0,6 bar	2,9 bar	2,9 bar
8 mm/10 mm	12 mm	12 mm	12 mm
26 x 37 x 40,5 cm	31 x 41,5 x 58,5 cm	35 x 45 x 68 cm	40 x 45 x 73 cm
230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
R290 (GWP3)	R290 (GWP3)	R290 (GWP3)	R290 (GWP3)
-	✓	✓	✓
-	✓	✓	✓
-	✓	✓	✓
-	✓	✓	✓
-	✓	✓	-
-	✓	✓	✓
-	-	✓	✓

Sustainability

- Future-proof chillers that are not affected by the ban on fluorinated refrigerants
- Lower refrigerant charge quantities per device
- Significantly lower global warming potential (GWP)



Economic efficiency

- Energy-saving fans
- Replaces cooling with drinking water
- Low-cost, readily available refrigerant with high efficiency
- Lower power consumption due to natural refrigerants



with synthetic refrigerant



with natural refrigerant

Expertise in chilling and deep-freezing

The long-established company FRYKA-Kältetechnik has been developing and manufacturing innovative solutions for cooling and freezing gases, liquids and solids at its site in Esslingen near Stuttgart for almost 60 years. FRYKA ultra-low temperature freezers and recirculating chillers are used worldwide in a wide variety of research and industrial sectors: Laboratory and analytical technology, production and manufacturing processes, biology, medical technology, materials testing, chemical, pharmaceutical and electronics industries.

Products that the market needs

The FRYKA product portfolio includes a wide variety of solutions for refrigeration and freezing: all developed from the requirements of the market. Our interdisciplinary expertise in the areas of housing construction, refrigeration technology and project management enables efficient processes and quick and uncomplicated implementation of changes.

Quality that stands the test of time

FRYKA products are the result of a customer-orientated approach in which a well-coordinated and experienced team develops special cooling solutions using proven and DIN-certified processes, high-quality materials and state-of-the-art technologies that ensure maximum customer satisfaction even after years of use.

Service that leaves nothing to be desired

At FRYKA, service starts in the development phase, where we continuously redefine ergonomics and user-friendliness. As convinced problem solvers, we take the time to advise our customers comprehensively and develop solutions that really fulfil their requirements. Last but not least, our customers can also rely on us 100% when it comes to repairs and maintenance.



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