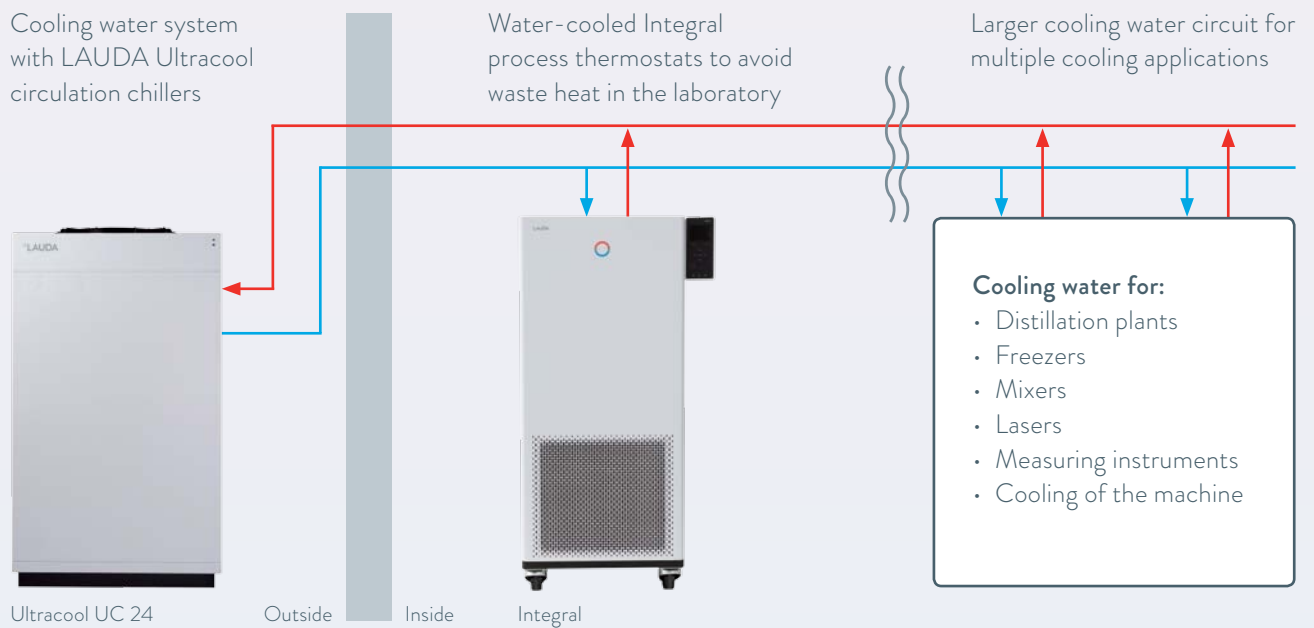


COOLING WATER SYSTEM WITH LAUDA ULTRACOOL CIRCULATION CHILLERS

The perfect complement to your application

With the new generation of the Ultracool series, LAUDA offers ultramodern circulation chillers with high energy savings and a short payback time for the supply of cooling water.



Additional services:

LAUDA has a proven track record for products, safety and service



Expert consulting services for planning a cooling water supply



Commissioning according to Installation Qualification and Operational Qualification (IQ/OQ)



Remote support for predictive maintenance

Accessories:

It is advisable to use the appropriate hoses, adapters and heat transfer liquids to ensure safe and reliable operation of the cooling water device. The comprehensive LAUDA accessory range is the perfect complement to your complete solution.



Heat transfer liquids

Energy-efficient circulation chiller for your process thermostat

LAUDA Integral cooling water requirement

LAUDA Ultracool circulation chillers

Device type	Max. waste heat kW	Consumption l/min	Device type with ambient temperature 25 °C	Device type with ambient temperature 50 °C
IN 230 TW	4	3	UC 4	UC 4
IN 530 TW	10.2	15	UC 8	UC 14
IN 1330 TW	22.1	16	UC 24	UC 50
IN 250 XTW	3.8	3	UC 4	UC 4
IN 280 XTW	3.2	3	UC 4	UC 4
IN 590 XTW	9	16	UC 8	UC 14
IN 550 XTW	9.9	8	UC 8	UC 14
IN 950 XTW	16.2	20	UC 14	UC 50
IN 1590 XTW	37	26	UC 50	UC 50
IN 1830 TW	32.2	29	UC 50	UC 50
IN 1850 XTW, IN 2050 PW	34	26	UC 50	UC 50
XT 4 HW	16	10	UC 14	UC 24
XT 8 HW	16	10	UC 14	UC 24

Reliable temperature control and safe operation

Suitable for setup outdoors, the compact LAUDA Ultracool circulation chillers with high cooling capacity are ready-to-operate ›Plug & Operate‹ systems with a cold water container, block pump and internal bypass. The overtemperature cutout is equipped as standard and prevents freezing of the heat exchanger. Integrated pressure switches also protect the circuit against an excessively high or low pressure level, and chiller casings made of galvanized steel panels coated with epoxy resin protect against corrosion, even in aggressive production environments.



LAUDA Ultracool circulation chillers with energy savings up to 50 percent

Developed with a focus on energy efficiency, the new LAUDA Ultracool circulation chillers make a pivotal contribution to reducing your operating costs. Depending on the operating conditions, the new devices make it possible to reduce energy costs by up to 50 percent, with payback times of less than one year. With the innovative operating concept, the LAUDA Ultracool circulation chillers can be conveniently monitored and controlled from a distance - via a connected remote control or the integrated web server. This allows convenient operation via mobile devices such as tablets or smartphones.

