

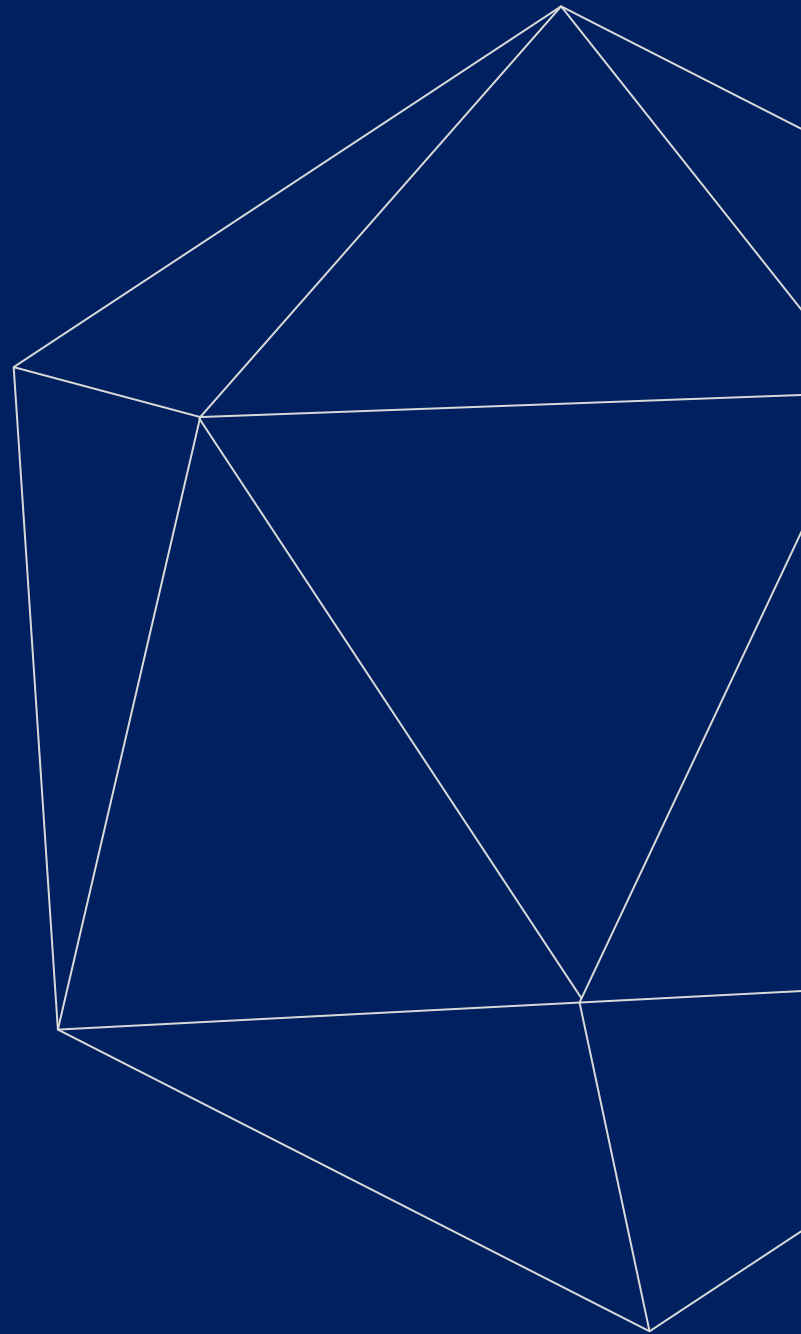


LABORATORY LINES RECIRCULATING CHILLERS



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A different accompaniment, at your service





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A different accompaniment, at your service

OUR SERVICES

Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



Delivery Logistics

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



KALSTEIN® Recirculating Chillers

Series YR02293-YR02296

Chiller is usually used to provide constant low temperature condition for inspections, chemical, biological and physical experiments which need to be carried on under low temperature, mainly used for medicine and health care, food process, chemical industry and teaching in colleges and research institutes.



Features:

- ✓ Applications in Chemistry and Biology, like biological fermenter,, chemical synthetic vessel, etc.
- ✓ Equipped with world famous brand compressor, ensure low noise, high reliability, stable performance and long-life span.
- ✓ Completely closed circulation system prevents bath fluid from evaporation or contamination.
- ✓ Built-in filters in circulation hose avoids possible blockage.
- ✓ Environmental friendly CFC-free refrigerant meets international standards.
- ✓ Compact design with good-looking appearance.
- ✓ Designed with liquid level monitor, which make it easier to check the bath fluid left in the tank.
- ✓ Pressure or bath fluid can be measured by the pressure gauge which is fixed near the fluid outlet.
- ✓ Variable models to meet customer's different requirements.
- ✓ Removable side panels for quick and easy cleaning and maintenance.



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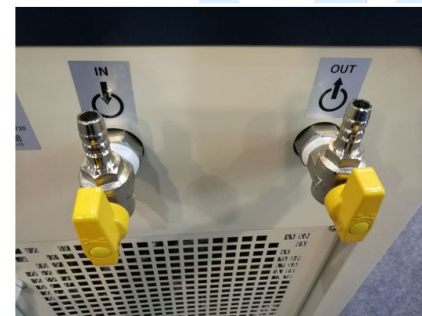
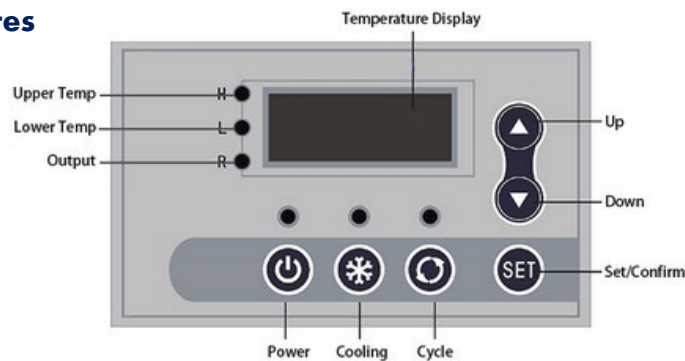
Series YR02293-YR02296



Parameters per Model

	YR02293	YR02294	YR02295	YR02296
Working temperature range	-10~25°C			
Temperature stability	±2°C			
Power supply	220-240V/50Hz			3~ 380V/50Hz
Cooling capacity	1000W@15°C	2000W@15°C	3000W@15°C	6000W@15°C
Refrigerant	R134a			
Bath fluid filling volume	10L	17L	30L	40L
Circulation pump flow rate	7L/min		16L/min	
Pressure	1-10 bar			
Hose connecting size	1/2"			
Dimensions	435W*690D*720Hmm	465W*690D*820Hmm	495W*760D*860Hmm	650W*1055D*1070Hmm
Net weight	73KG	86KG	108KG	195KG
Recommend connection hose	Synthetic rubber hose: φ17*φ10mm			

External Features



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KALSTEIN® High-Pressure Recirculating Chillers Series YR02302-YR02205

Chiller is usually used to provide constant low temperature condition for inspections, chemical, biological and physical experiments which need to be carried on under low temperature, mainly used for medicine and health care, food process, chemical industry and teaching in colleges and research institutes.



Features:

- ✓ Applications in Chemistry an Biology, like biological fermenter,, chemical synthetic vessel, etc.
- ✓ Material Area: Electron Microscopy, X-ray diffraction, X fluorescence, Magnatron sputtering, vacuum coating machine, Laser machine etc.
- ✓ Equipped with world famous brand compressor, ensure low noise, high reliability, stable performance and long life span.
- ✓ High performance circulating pump or imported high pressure vane pump with stable and reliable quality. Pump pressure is adjustable.
- ✓ Completely closed circulation system prevents bath fluid from evaporation or contamination.
- ✓ Built-in filters in circulation hose avoids possible blockage.
- ✓ Environmental friendly CFC-free refrigerant meets international standards.
- ✓ Compact design with good-looking appearance.
- ✓ Designed with liquid level monitor, which make it easier to check the bath fluid left in the tank.
- ✓ Pressure or bath fluid can be measured by the pressure gauge which is fixed near the fluid outlet.
- ✓ Variable models to meet customer's different requirements.
- ✓ Removable side panels for quick and easy cleaning and maintenance.



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KALSTEIN® High-Pressure Recirculating Chillers Series YR02302-YR02205



Parameters per Model

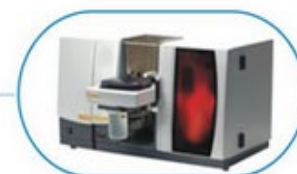
	YR02302	YR02303	YR02304	YR02305
Working temperature range	-10~25°C			
Temperature stability	±2°C			
Power supply	220-240V/50Hz			3~ 380V/50Hz
Cooling capacity	1000W@15°C	2000W@15°C	3000W@15°C	6000W@15°C
Refrigerant	R134a			
Bath fluid filling volume	10L	17L	30L	40L
Circulation pump flow rate	7L/min		16L/min	
Pressure	1-10 bar			
Hose connecting size	1/2"			
Dimensions	435W*690D*720Hmm	465W*690D*820Hmm	495W*760D*860Hmm	650W*1055D*1070Hmm
Net weight	73KG	86KG	108KG	195KG
Recommend connection hose	Synthetic rubber hose: φ17*φ10mm			



ICP



Nuclear Magnetic Resonance



Atomic Absorption

Internal Features



How to adjust pump pressure



Reliable and stable, pressure adjustable.

Imported high pressure vane pump



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KALSTEIN® Recirculating Chillers

Series YR02301



This compact chiller is particularly designed for lab scale Rotary Evaporator. It is reasonably structured with small foot-print, which can be placed on bench or on floor.

Features:

- ✓ Circulating joint nozzle can be rotated 360° which makes it easy to connect with corollary equipment.
- ✓ All parts contacting refrigerant is made of stainless steel 304 and macromolecule anti-corrosive material.
- ✓ World famous brand compressor ensure high reliability and long life-span.



Parameters per Model

Model	YR02301
Working Temperature Range	~15 – 25 °C
Power Supply (V/Hz)	220-240V ~,50Hz
Overall Power (W)	500
Cooling Capacity	400
Refrigerant	R134a
Bath Fluid Filling Volume (L)	3
Material of Bath Fluid Tank	Stainless Steel
Circulation Pump Flow Rate	17L/min
Pressure (bar)	0.2
Dimensions (mm)	245W×430D×550H
Net Weight (kg)	26

Working Temperature ≤ Room Temp -5 °C



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KALSTEIN® Recirculating Chillers

Series YR02297-YR02300

Chiller is usually used to provide constant low temperature condition for inspections, chemical, biological and physical experiments which need to be carried on under low temperature, mainly used for medicine and health care, food process, chemical industry and teaching in colleges and research institutes.



Features:

- ✓ Applications in Chemistry and Biology, like biological fermenter, chemical synthetic vessel, etc.
- ✓ Equipped with world famous brand compressor, ensure low noise, high reliability, stable performance and long life span.
- ✓ Completely closed circulation system prevents bath fluid from evaporation or contamination.
- ✓ Built-in filters in circulation hose avoids possible blockage.
- ✓ Environmental friendly CFC-free refrigerant meets international standards.
- ✓ Compact design with good-looking appearance.
- ✓ Designed with liquid level monitor, which make it easier to check the bath fluid left in the tank.
- ✓ Pressure or bath fluid can be measured by the pressure gauge which is fixed near the fluid outlet.
- ✓ Variable models to meet customer's different requirements.
- ✓ Removable side panels for quick and easy cleaning and maintenance.



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KALSTEIN® Recirculating Chillers

Series YR02297-YR02300



Parameters per Model

Model	YR02297	YR02298	YR02299	YR02300
Working Temperature Range*	-30 -5 °C			
Temperature Stability	± 2°C			
Power Supply	220-240V~, 50 Hz			3 ~ 380 V, 50 Hz
Cooling Capacity (W)	0°C	1250	1750	2800
	-10°C	800	1100	1800
	-20°C	300	700	1000
	-25°C	150	300	500
Refrigerant	R410A			R404A
Bath Fluid Filling Volume (L)	10	17	30	40
Circulation Pump Flow Rate (L/min)	20 L/min			30 L/min
Pressure (bar)	0.4			1
Hose Connecting Size	1/2"			3/4"
Dimensions (mm)	435*690*720	465*690*820	495*760*860	650*1055*1070
Net Weight (Kg)	70	80	100	195

*Working Temperature ≤ Room Temp -5°C

Typical Compatibility



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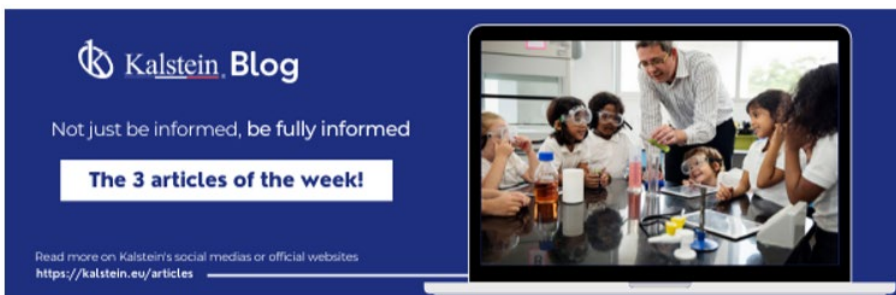
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Kalstein Blog
Not just be informed, be fully informed
The 3 articles of the week!
Read more on Kalstein's social medias or official websites
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1
Read this ARTICLE NOW



How does the climate affect your microscope?
A microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form



Article of the week:
How does the climate affect your microscope?

Read more on Kalstein's social medias or official websites
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2
Read this ARTICLE NOW



What is the importance of the laboratory refrigerator?
A refrigerator in a laboratory is one of the most important pieces of equipment. It is used to maintain, in a controlled environment (refrigerated space), various fluids and substances.



Article of the week:
What is the importance of the laboratory refrigerator?

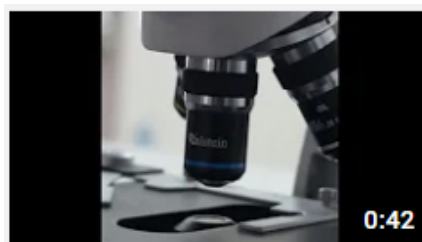
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