

ARCTIKO

The art of simplicity®

Product Catalogue 2013

Biomedical freezers and refrigeration

ULTRA LOW FREEZERS - LABORATORY, PHARMACEUTICAL AND MEDICAL REFRIGERATION

ARCTIKO

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With the QR code it's easy to get more information about any product in the entire catalogue. You need a smartphone with camera and access to the Internet. Download a program or an application that can read QR codes. Search for barcode scanner, QR code scanner and QR reader and install the app. You can now scan the barcode for each product on our catalogue and get directly on www.arctiko.com where the product is described in details.

CHECK ME

www.arctiko.com

ARCTIKO
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Scandinavian design and Ultimate performance technology

Arctiko is probably the most innovative cold chain manufacturer in the world. We have an absolute passion for what we do. Our aim is to create products with technology foresight and to be competive in quality and prices. We have experienced a tremendous growth in the last few years, not only in the field of research for best solutions, but we also offer easy and accessible servicing. We are confident that our concepts and ways of working are the reasons for our success. We are convinced that we can become the global market leaders in the life of science segment, because we have the courage to think big and new, and we are proud to be a manufacturing service company which put the customer in focus, and together, try to find custom made solutions that work. Over 90 countries all over the world are choosing to distribute our products because we are committed to use our knowledge and initiatives .

We enjoy making a difference, not only with the single compressor technology, but also with our dedication in creating the best for both our customers and the environment: we have now one of the lowest energy consumption range of freezers in the world.

Arctiko is the art of simplicity, because creating solutions for you, is that simple.



Lars Ole Jensen (CEO).

CO_2 Care

The climate changes bring major concerns nowadays in the world, and the CO_2 emissions are the main factor of the global warming. Without its reduction, the environment may suffer irreversible consequences. Everyone has to take more responsibility and make a difference. At ARCTIKO, we are dedicated in finding the best energy efficient systems to reduce your energy costs and also be responsible for the environment.

CO2CARE

Less consumption - cleaner environment

Although ARCTIKO can meet any application between -164°C to +15°C, we are constantly innovating to reduce the energy consumption of our freezers. By using our patented single compressor system, you use 40-50% less energy. Our units have a lower heat dissipation than other products on the market, and therefore, you make significant savings your air-conditioning bills too.

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ISO CERTIFICATES



ISO 9001:

ISO 9001 is the most used International standard in the world; it streamlines & documents Arctiko's working processes and ensures that the production always produce in accordance with high quality always expected by Arctiko Partners.

Arctiko do use the ISO 9001 standard in all business processes within the R & D, Sales, Marketing, Manufacturing, with continuous monitoring and optimization of business processes and manufacturing methods. This ensures that Arctiko, not only in commercial, but all areas to meet customers expectations/demands in communications, documentations, deliveries, & administration.

ISO 13485:

ISO 13485 is a standard for design & manufacture of medical equipment. It is an independent standard certification that is generally harmonized with ISO 9001. The standard has been prepared in accordance with the European Commission; with the essential requirements of EU directives for medical devices &CE marking.

For Arctiko the ISO 13485 is a quality management system to ensure that our products meets the EU directive 93/42/EEC for medical devices. Class I devices are approved by Arctiko, whereas Class II equipment must be approved by an external certification company. For both Arctiko prepared Technical File which verified that the equipment meets the essential requirement of EU directive 93/42/EEC for medical devices & CE marking.

This ensures that Arctiko customers at any time can be comfortable to use Arctiko products which are classified as Class I & II for medical devices.

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Cost of Ownership

Save up to US $ 7.000,- per unit in energy cost within **only 5 years**

It is a simple thing to make a cost of ownership analysis, and the Arctiko sales team is ready to provide you with the tool for this.

Taking into consideration that:

You save 40-50% energy by using our patented single compressor system

You save a similar percentage on your air-conditioning due to the lower heat dissipation

You have the easiest and **less expensive service** and maintenance **without comparison**

It is a fact that within a couple of years, the buying price of the freezer is saved in energy cost.
And at the same time, you are more environmentally friendly!

Please ask you local dealer for help or contact the Arctiko team for more information.

Benefits from day 1

Many things have to be considered when taking decision about buying a new ultra low temperature freezer, such as footprint, ergonomics, noise level, power consumption, heat emission, "must-have" features, "nice-to-have" features, etc., not forgetting of course the price of the unit.

The battle is always fought with focus on the last mentioned point, but why not do it the other way around?

The less expensive model is not always the most economical solution!

EN ISO 13485:2012 CERTIFICATION

ISO 9001:2008 CERTIFICATION

CO2CARE

Other advantages

Storing samples at ultra low temperatures is always a very sensitive process, because the items kept are most likely high value drugs, or irreplaceable samples of DNA, blood, cells, etc.

Most ULT manufacturers will present to you the units without all the features that you will need for safe storage (data logger, alarms, etc). they will eventually be added to the total cost, making the real price very unclear.

Arctiko is not like that: what you see is what you get, always striving to provide our customers with the latest technology and with as many features as possible, as a standard.

Please take a moment to study our catalogue, and you will be surprised to see how many features we supply as standard features.

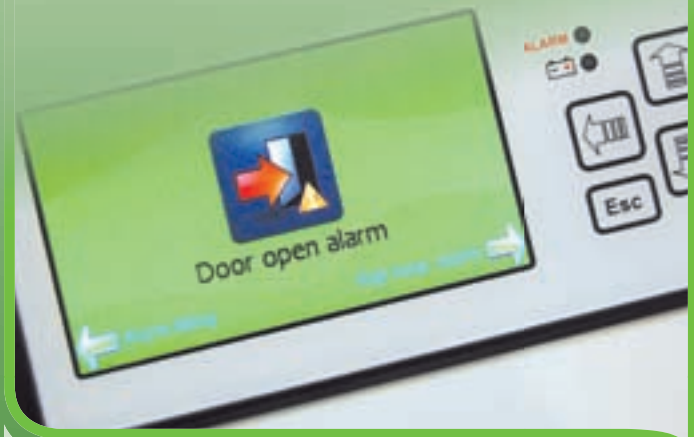
Welcome to the world of Arctiko.

Choose your favourite.

NEW

Arctiko controller

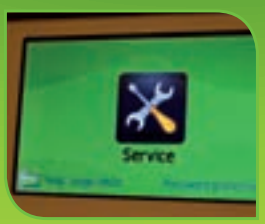
At Arctiko we have the customer in mind when engineering new technologies. With the large temperature display and the most user friendly controls on the market, Arctiko has once again managed to turn simplicity into an art. With every possible alarm feature, integrated data logger, contact for remote monitoring, RS485 interface and USB read out, Arctiko has the smartest controller available, and of course, all these features come as standard on our units.











All standard features

- Micro processor controller with digital display
- Integrated data logger (no software needed)
- Approx. 72 hours battery back up for alarms, loggins and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory
- Prepared for 2 additional probes for more data logging

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Testing Packing Shipping



Testing

Each item from Arctiko is carefully tested in our Technical Unit, in Denmark. Our products go through various Production Quality Tests such as visual inspection, temperature fluctuation, pull down test, the stability of the temperature inside the freezer, the alarms for hold overtime, etc. All these PQ tests are performed on empty freezers, which means that once they contain products, their efficiency and accuracy will increase even more.

Packing

Our warehouse is in charge of the packing of our goods in order for them to travel in the safest conditions. Each item is carefully wrapped in polystyrene and cardboard or wooden boxes. We also equip most crates with a tilt watches to monitor the shipping; this will ensure a preventative effect against transport damages.





Shipping

Handling and shipping freezers is a very delicate operation; that's why we only use the most reliable and professional shipping companies to guarantee that the packages will reach their delivery destination in perfect condition. Spare parts deliveries will also be arranged by our shipping team in the best possible delays.



Contacts in the Shipping Department



SHIPPING MANAGER:

Anette Kongerslev
ako@arctiko.com
Direct no: +45 7610 5700



SHIPPING ASSISTANT:

Nami Aoki Nielsen
nan@arctiko.com
Direct no: +45 7610 5708

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The Technical Department

Together with our customers, we assist and work on specific solutions to new products, or modifications of existing products.

The PTA is the technical Department in Arctiko which handles and processes all the documentation, regulations, testing, project management, etc.

Our large workshop carries out the building of prototypes and search to improve our existing products.

All Arctiko units are tested and checked

by our laboratory before being shipped to our customers, in order to verify that the production meets the standards and requirements of our clients.



The Project Management and Development by Arctiko ensures that we are constantly developing our range, based on our clients' needs, research and practical experience.



Contact in the Technical Department



TECHNICAL MANAGER:

Tove T. Svendsen
tts@arctiko.com
Direct no.: +45 7610 5713

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Service and support

Thomas Sølbeck Schmidt is our Service and Technical support manager. He has over 20 years of experience and knowledge in Cooling Technology and Controls, and he will be able to answer any enquiries you may have regarding:

- Spare parts ordering/delivering/pricing
- Product maintenance and servicing
- Technical and after sales support
- Instruction and service manual
- Service training sessions for dealers

Most common questions can be found directly on our website www.arctiko.com under "service". In that column we also have a section called "FAQ" (Frenquently Asked Questions) to target specific enquiries about each product, in each range.

Service training dates for 2013

ARCTIKO A/S organizes training in service and product knowledge for our products, on the following dates:

25th and 26th February 2013
6th and 7th May 2013
2nd and 3rd September 2013
25th and 26th November 2013

Please contact



Mr. Thomas Sølbeck Schmidt
by e-mail:
tss@arctiko.com or
service@arctiko.com

We usually have small groups of 6 to 8 people per session.









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Arctiko
is at the following Trade Shows:

- Medica, Düsseldorf, Germany
- Arab Health, Dubai, United Arab Emirates
- Arab Lab, Dubai, United Arab Emirates
- Pittcon, USA
- FIME, USA
- Analytica, Germany
- Analitica, Brazil
- BioTechnica, Germany
- ScanLab, Denmark
- PharmaExpo, Mexico

And local domestic trade shows will be visited by Arctiko Staff.
For setting up meetings during these shows, please contact us at:
info@arctiko.com





Contacts in the Sales Department



EXPORT MANAGER:

Bayram Kizil
bak@arctiko.com
Mobile no: +45 2616 8430
Direct no.: +45 7610 5701



EXPORT MANAGER:

Ron Klaassen
rok@arctiko.com
Mobile no: +45 2758 3150
Direct no.: +45 7610 5709



EXPORT MANAGER:

Henning Lyager
hel@arctiko.com
Mobile no: +45 2835 7323
Direct no.: +45 7610 5715



EXPORT COORDINATOR:

Casper V. Morsing
cam@arctiko.com
Mobile no: +45 27 522 328
Direct no.: +45 76 105 714



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Arctiko engineering

Arctiko Project is our department that specializes in customer specific refrigeration solutions. We elaborate projects, offer solutions and carry out installations all over the world in cooperation with our suppliers. We can handle every assignment, especially projects that include low temperature rooms for storage of medicine or other products which require stable temperatures under extreme surroundings.





We offer you solutions from -25/+2°C to -60/-40°C

Our projects are supported by professional sub suppliers, complete documentation, including CAD drawing. Among our projects, we have supplied cold rooms for medicine storage, and arranged delivery and installation of freezers to multiple sites in Africa, Middle East and Europe. We have also produced -60°C mobile 40ft container solutions for medical companies as emergency cooling capacity.

These are just few examples of our projects to illustrate how flexible we are in the engineering department at ARCTIKO. Quality inspections and developments of new products, together with our partners, is part of our daily routine, and that's how Arctiko's projects develop themselves. This guarantee good stable quality, as we also strive for the highest standard of value for money in our products and projects.

Our aim is to help our customers with selecting the best solutions based on their actual needs, requirements and budgets. We can even assist in validation and specifically built products for use in chemistry, biotech, micro-biology and ingredient field.

Solar powered refrigerators

Please ask the ARCTIKO team for more information on Solar Powered Refrigerators. No need for generators or pollution kerosene refrigerators. Now you can get the green energy from the sun while keeping your samples cool!



ISO 9001:2008 CERTIFICATION

EN ISO 13485:2012 CERTIFICATION

ARCTIKO
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Arctiko India

We are now ready to service our distributors all over India from our fully operational branch in Mumbai. Day to day deliveries in India can be arranged, with always sufficient stock of the most popular models, and spare parts.

The details of our branch are:

ARCTIKO INDIA PVT. LTD.

302, Meru Tower, ´B´wing,
Jame Jamshed Road, Matunga (E),
Mumbai - 400 019
India
E-mail: info@arctiko.in
Tel: +91 22 24 11 57 94
Contacts: Hemali

Arctiko International

We also have a warehouse in the United States of America, with very helpful and educated staff to help you with your orders, deliveries and enquiries.

For any information on Arctiko International, please contact us on: info@arctiko.com

ARCTIKO int





We hope that our new subsidiary will help our Indian distributors be very successfull with our products!

ARCTIKO भारत
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CRYO FREEZER

REACHING -164°C

ULTF1400/1500

Features on ULTF1400/1500

- Stainless steel interior
- 4 units castor for easy handling
- Key lock on door
- Double seal design

Controller features

- Micro processor for control system
- Acoustic and visual alarm
- Records 7 days data
- 72 hours battery back up for alarms, loggings and temperature display in case of power cut

The Ultra-Low temperature freezer offers a wide variety of research and storage applications, such as low temperature scientific experiments, preservation of cells, DNA, bone, bacteria, etc. With extreme cooling precision and its high tech micro-processor controller, this unit is the perfect Ultra low chest freezer for testing special material, ideal for hospitals, university laboratories, military industry or sanitation stations.


Key lock on door.


Digital controller with microprocessor.

NEW



Model	ULTF1400	ULTF1500
Item code (DAI no.)	DAI 0193	DAI 0194
Dimensions exterior WxDxH (mm)	1590x890x1150	2085x890x1009
Net capacity (L)	128	258
Temperature range (°C)	-164/-120	-152/-110
Power supply (V)	380 (3 phases)	380 (3 phases)
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about ULTF 1400/1500

www.arctiko.com

-90/-40°C

REMEMBER TO GET A QUOTE ON OPTIONS



REACHING -90°C IN 3 HOURS !

DUAL ULTRA LOW TEMPERATURE FREEZERS

ULUF 490

ULUF (Ultra Low Upright Freezer)

Arctiko is proud to present the True Dual Refrigeration system

The new ULUF 490 is launched with a dual refrigeration system ensuring temperature as low as -90°C, in only 3 hours pulldown time. By installing two seperate cooling systems inside the freezer, the ULUF 490 adds a new dimension to your security. In the unlikely event that one system should fail, you can rest easy as the ULUF 490 will still maintain -85°C until the problem is solved.

Features on ULUF 490

- Dual Refrigeration System
- Insulated inner doors
- Castors
- Lock on door
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory
- Compressor alarm

AVAILABLE IN STAINLESS STEEL



NEW



New designed easy to use Door lock.

Digital Controller with micro processor and battery backup.

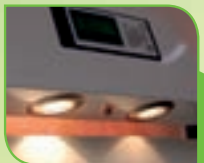
Multi flexible drawer system for sample storage. Optional.

Scan me and see more about ULUF 490

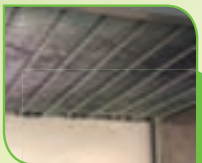
www.arctiko.com

Model	ULUF 490
Item code (DAI no.) white painted	DAI 1405
Item code (DAI no.) stainless steel	DAI 1405/ST
Dimensions exterior WxDxH (mm)	720x885x2089
Net capacity (L)	393
Temperature range (°C)	-90/-40
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



Halogen lights activate when door is opened.



Evaporator freezing shelves provide constant temperature in each compartment.



REMEMBER TO GET A QUOTE ON OPTIONS

-90/-40°C

DUAL ULTRA LOW TEMPERATURE FREEZERS

REACHING -90°C IN 3 HOURS !

ULUF 890

ULUF (Ultra Low Upright Freezer)

The new ULUF 890 garantees reliability and performance: with extra storage capacity and equipped with its dual system to provide more security to your biomedical samples, you experience technology and safety at their best. The two separate cooling systems inside the freezer will make you reach -90°C in only 3 hours, and will maintain this temperature, regardless of the ambient temperature around the unit.

Features on ULUF 890

- Dual Refrigeration System
- Insulated inner doors
- Castors
- Lock on door
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory
- Compressor alarm

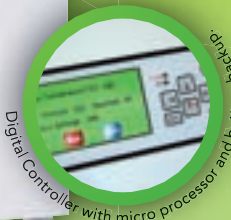


NEW

AVAILABLE IN STAINLESS STEEL



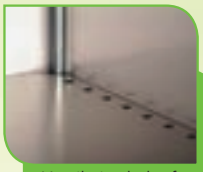
New designed easy to use Door lock.



Digital Controller with micro processor and battery backup.



Heated vacuum valve to prevent a vacuum when opening the door at short intervals.



Ventilation holes for each compartment of the unit.

Model	ULUF 890
Item code (DAI no.) white painted	DAI 1415
Item code (DAI no.) stainless steel	DAI 1415/ST
Dimensions exterior WxDxH (mm)	1492x885x2089
Net capacity (L)	786
Temperature range (°C)	-90/-40
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about ULUF 890

www.arctiko.com

-86/-40°C

REMEMBER TO GET A QUOTE ON OPTIONS

LOW ENERGY CONSUMPTION

SINGLE COMPRESSOR TECHNOLOGY

UPRIGHT ULTRA LOW TEMPERATURE FREEZERS

ULUF 750

ULUF (Ultra Low Upright Freezer)

All the units in the ULUF range are extremely functional and reliable. With the ULUF 750, you get the biggest volume in the -86°C range, with its 680 Liters capacity. As always in the Arctiko range, easy installation and maintenance are our signature. In the lowest temperatures, this freezer will continuously meet your requirements.

NEW

AVAILABLE IN STAINLESS STEEL



Features on ULUF series

- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Lock on door
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

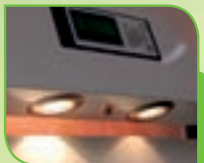
- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

Scan me and see more about ULUF 750

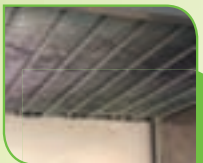
www.arctiko.com

Model	ULUF 750
Item code (DAI no.) white painted	DAI 1416
Item code (DAI no.) stainless steel	DAI 1416/ST
Dimensions exterior WxDxH (mm)	1030x885x2089
Net capacity (L)	680
Temperature range (°C)	-86/-40
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



Halogen lights activate when door is opened.



Evaporator freezing shelves provide constant temperature in each compartment.

REMEMBER TO GET A QUOTE ON OPTIONS

LOW ENERGY CONSUMPTION

-86/-40°C

UPRIGHT ULTRA LOW TEMPERATURE FREEZERS

UPUL 580

UPUL (Upright Ultra Low)

Experience a Danish design icon with a multifunctional controller, ergonomic usage and many alarm features for the extra security. With direct cooling in each compartment, the UPUL series ensures better temperature uniformity from top to bottom.

Features on UPUL series

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Inner doors
- Castors and door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

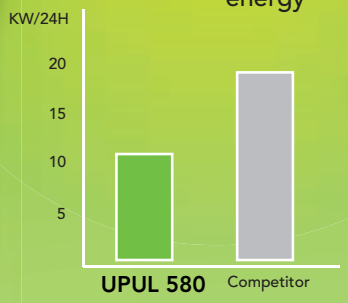
- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory



you save

41%

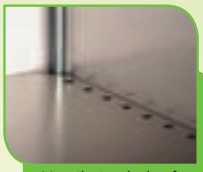
energy



CO2CARE



Heated vacuum valve to prevent a vacuum when opening the door at short intervals.



Ventilation holes for each compartment of the unit.

Model	UPUL 580
Item code (DAI no.) stainless steel	DAI 1404
Dimensions exterior WxDxH (mm)	680x805x2182
Net capacity (L)	450
Temperature range (°C)	-86/-40
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about UPUL 580

www.arctiko.com

-86/-40°C

REMEMBER TO GET A QUOTE ON OPTIONS

LOW ENERGY CONSUMPTION



ALSO AVAILABLE IN 2M HIGH

UPRIGHT ULTRA LOW TEMPERATURE FREEZERS

ULUF 450

ULUF (Ultra Low Upright Freezer)

The ULUF series is a product of our passion, to strive after excellence when we offer the best in Ultra low temperature freezing. Once again we set new standards with the most user friendly controller on the market. Features as non-manipulative data logger and USB readout are just some of the features that come as standard in the ULUF series.

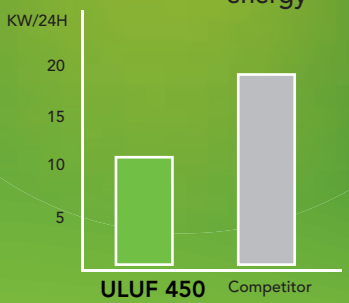
AVAILABLE IN STAINLESS STEEL



Digital Controller with micro processor and battery backup.

Multi flexible drawer system for sample storage. Optional.

you save **41%** energy



CO2CARE

Features on ULUF series

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Lock on door
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

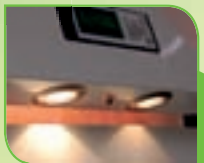
- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

Scan me and see more about ULUF 450

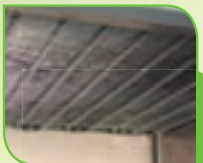
www.arctiko.com

Model	ULUF 450	ULUF 450-2M
Item code (DAI no.) white painted	DAI 1405	DAI 1414
Item code (DAI no.) stainless steel	DAI 1405/ST	DAI 1414/ST
Dimensions exterior WxDxH (mm)	720x885x2089	720x885x1990
Net capacity (L)	413	370
Temperature range (°C)	-86/-40	-86/-40
Power supply (V)	230	230
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



Halogen lights activate when door is opened.



Evaporator freezing shelves provide constant temperature in each compartment.

REMEMBER TO GET A QUOTE ON OPTIONS

MULTIPLE RUNNING TEMPERATURES

-86/-40°C



UPRIGHT ULTRA LOW TEMPERATURE FREEZERS

ULUF 850

ULUF (Ultra Low Upright Freezer)

With its massive 826L the new ULUF 850 is still the most versatile Ultra low freezer in the market. From the possibility to disassemble for easy installation, to multiple temperature ranges at once, Arctiko set the standards in the Ultra low temperature freezing.



Racks and boxes. Optional.



Multi flexible drawer system for sample storage. Optional.



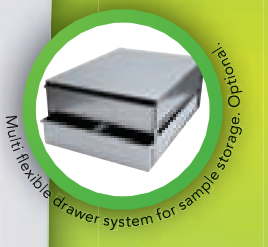
Micro processor controller with digital display

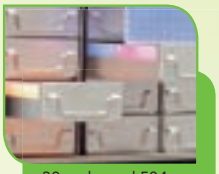


Prepared for our advanced CO_2 backup system (optional).



AVAILABLE IN STAINLESS STEEL





30 racks and 504 pieces 50mm polypropylene boxes for the ULUF 850 (optional).

Model	ULUF 850
Item code (DAI no.) white painted	DAI 1411
Item code (DAI no.) stainless steel	DAI 1411/ST
Dimensions exterior WxDxH (mm)	1492x885x2089
Net capacity (L)	826
Temperature range (°C)	-86/-40
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about ULUF 850

www.arctiko.com

-86/-40°C



UPRIGHT ULTRA LOW TEMPERATURE FREEZERS

ULF 650

ULF (Ultra Low Freezer)

To ensure a lower power consumption and smaller footprint, Vacuum Insulations panels are implemented. They are constructed from an environmentally friendly Nanophase Material which is famell ratardant.

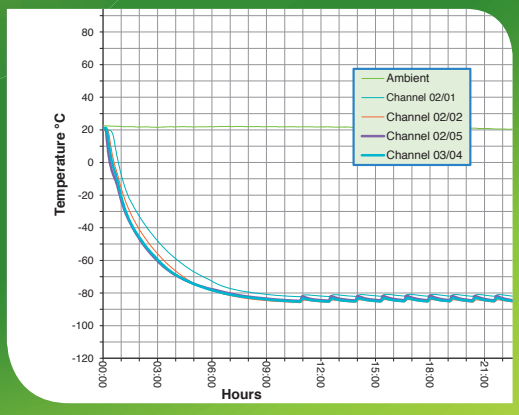


Features on ULF series

- Cascade technology
- Eye level digital display
- Insulated inner doors
- Adjustable shelves
- Key lock on door
- Prepared for pad lock
- Adjustable shelves
- Stainless steel interior
- Porthole for external temperature probes
- Pressure-equalizing port for fast re-entry

Controller features

- Micro processor controller with digital display
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Ambient temperature alarm
- Contact for remote alarm
- Prepared for GSM alarm



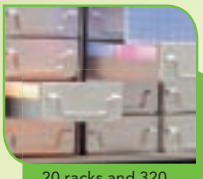
Pulldown and thermostat running test in RT 25°C

Scan me and see more about ULF 650

www.arctiko.com

Model	ULF 650
Item code (DAI no.)	DAI 1413
Dimensions exterior WxDxH (mm)	940x843x1963
Net capacity (L)	628
Temperature range (°C)	-86/-40
Power supply (V)	230
Frequency (Hz)	50

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



20 racks and 320 pieces 50mm polypropylene boxes for the ULF 650 (optional).

REMEMBER TO GET A QUOTE ON OPTIONS

LOW ENERGY CONSUMPTION

-86/-40°C



UPRIGHT ULTRA LOW TEMPERATURE FREEZERS

ULF 390

ULF (Ultra Low Freezer)

Strong performance from the reliable cascade refrigeration system, ensures stabile temperatures even at high ambient temperatures. ULF series comes with many alarm features, castors, lock and adjustable shelves.

Features on ULF series

- Eye level digital display
- Insulated inner doors
- Adjustable shelves
- Key lock on door
- Prepared for pad lock
- Stainless steel interior
- Porthole for external temperature probes
- Pressure-equalizing port for fast re-entry

Controller features

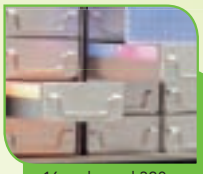
- Micro processor controller with digital display
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Ambient temperature alarm
- Contact for remote alarm
- Prepared for GSM alarm



Increase your security. The ULF series is prepared for GSM alarm (optional).



Prepared for our advanced CO_2 backup system (optional).



16 racks and 320 pieces 50mm polypropylene boxes for the ULF 390 (optional).





Model	ULF 390
Item code (DAI no.)	DAI 1412
Dimensions exterior WxDxH (mm)	864x725x1962
Net capacity (L)	388
Temperature range (°C)	-86/-40
Power supply (V)	230
Frequency (Hz)	50

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about ULF 390

www.arctiko.com

-80/-40°C

REMEMBER TO GET A QUOTE ON OPTIONS

LOW NOISE LEVEL

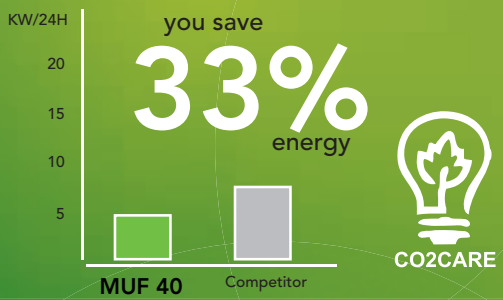


ULTRA LOW TEMPERATURE FREEZERS

MUF 40

MUF (Multi Ultra Freezer)

Whether you need to use it under the counter in your laboratory, or just have some samples stored always in your private office, the MUF40, with its 35 Liters capacity, is perfect for a quick reach whenever you need.





OPTIONAL CASTORS

MUF 40

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Key lock on door

Controller features

- Digital display
- Approx. 48 hours battery back up for alarms and temperature display in case of power cut
- Visual and acoustic alarms
- High/low temp. alarm
- Power failure alarm
- Contact for remote alarm

Portable -80°C freezer

Keep your eyes on what's important.
The DP-80 ensures direct access to your samples at your desk. The Cryo Porter is based on sterling technology which means, no compressor, nor refrigerant. This makes it the most environmentally safe product in the Arctiko range.



REMEMBER THE ALUMINIUM BLOCK

DP-80

- Aluminium blocks for quick freezing of samples
- Digital controller
- Simple & Easy Operation
- Temp. stability +/- 0,2°C
- Safety system for over current high and low temperature
- Adjustable high/low tempera-ture alarm
- AC (230V) and DC (12V) connection cables

Scan me and see more about MUF 40

www.arctiko.com

Model	DP-80	MUF 40
Item code (DAI no.)	DAI 1420	DAI 1410
Dimensions exterior WxDxH (mm)	230x262x390	495x660x680
Net capacity (L)	-	35
Temperature range (°C)	-80/0	-80/-40
Power supply (V)	12/100-240	230/110
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

ALUMINIUM BLOCKS:

- (DAI 1421) DPB-0296: 96 wells for PCR-tubes 0,2 ml
- (DAI 1422) DPB-0548: 48 wells for PCR-tubes 0,5 ml
- (DAI 1423) DPB-1548: 48 wells for Sample-tubes 1,5 ml
- (DAI 1424) DPB-1840: 40 wells for Vials, Cryotubes 1,8 ml
- (DAI 1425) DPB-2040: 40 wells, Cryotubes 2,0 ml

-86/-40°C

ULTRA LOW TEMPERATURE FREEZERS

ULUF 65/125

ULUF (Ultra Low Undercounter Freezer)

The ULUF 65/125 is another compact ultra low temperature freezer. With its 55 or 115 Liters capacity, this unit enables you to keep your most used samples right next to you, either in your office or your laboratory room. You will appreciate the easy access and space saving design of this unit, as well as maximum performance and reliability.

Features on ULUF series

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Lock on door
- Heated door frame
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

NEW



ULUF 65

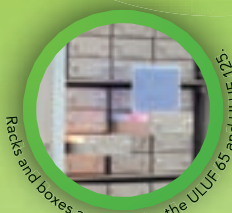
AVAILABLE IN STAINLESS STEEL



New designed easy to use Door lock.



New controller



Racks and boxes available for the ULUF 65 and ULUF 125.

Model	ULUF 65	ULUF 125
Item code (DAI no.) white painted	DAI 1416	DAI 1417
Item code (DAI no.) stainless steel	DAI 1416/ST	DAI 1417/ST
Dimensions exterior WxDxH (mm)	600x700x810	950x725x810
Net capacity (L)	55	115
Temperature range (°C)	-86/-40	-86/-40
Power supply (V)	230	230
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about ULUF 65/125

www.arctiko.com



ULTRA LOW TEMPERATURE CHEST FREEZERS

ULTF series

ULTF (Ultra Low Temperature Freezer)

Innovative thinking is often spoiled by compromises. The ULTF serie shows that high performance freezing with the focus on energy saving is the future of technology. Our integrated cooling system gives maximum use on limited space, and we pride ourselves with the lowest noise level available.



5 racks and 40 pieces 50mm polypropylene boxes (optional for ULTF 80)

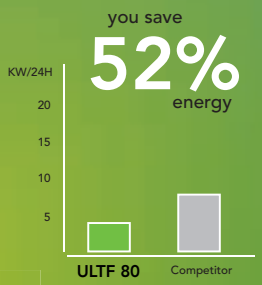
IMPROVED POWER CONSUMPTION

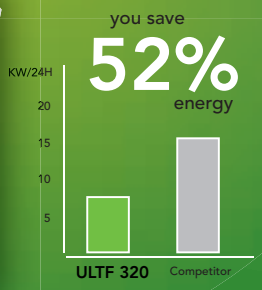


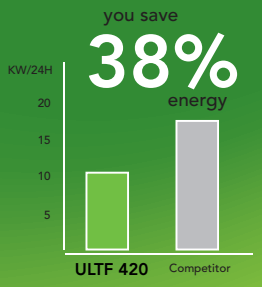
21 racks and 216 pieces 50mm polypropylene boxes. (optional for ULTF 320)



27 racks and 282 pieces 50mm polypropylene boxes. (optional for ULTF 420)







Features on ULTF series

- Single compressor
- Low energy consumption
- Low noise level (50 dBa)
- Low heat dissipation
- 100% HCFC/CFC free
- Sub lids
- Castors and key lock
- Porthole for external temperature probes

Controller features

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Instrument (Eprom) failure alarm
- Probe failure alarm
- Contact for remote alarm
- Approx. 48 hours battery back up for alarms and temperature display in case of power cut
- 3 pin PT100 specially designed for ultra low temperatures

CO2CARE

Scan me and see more about ULTF

www.arctiko.com

Model	ULTF 80	ULTF 220	ULTF 320	ULTF 420
Item code (DAI no.)	DAI 0200	DAI 0213	DAI 0205	DAI 0210
Dimensions exterior WxDxH (mm)	552x648x850	920x695x885	1262x698x885	1562x698x885
Net capacity (L)	71	189	284	368
Temperature range (°C)	-86/-40	-86/-40	-86/-40	-86/-40
Power supply (V)	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

REMEMBER TO GET A QUOTE ON OPTIONS

-60/-30°C
-45/-10°C

LOW TEMPERATURE CHEST FREEZERS

LTF series

LTF (Low Temperature Freezer)

As a synonym for security, the LTF series gives reliable low temperature freezing, with good temperature uniformity. Digital display, alarms, contact for remote monitoring, basket(s) and castors are some of the standards.

LTF/LTFE series

- Single compressor
- Low energy consumption
- Low noise level
- 100% HCFC/CFC free
- Key lock, castors and baskets

Controller features

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Contact for remote alarm
- Probe failure alarm

LTFE series

LTFE (Low Temperature Freezer Extra)

Engineered for just a little bit more, the LTFE series gives you -45°C instead of the conventional -40°C. Equipped with digital display and alarm features, these freezers give the security needed for safe sample storage at low temperature.



5 racks and 40 pieces 50mm polypropylene boxes. (optional for LTF 85)



27 racks and 282 pieces 50mm polypropylene boxes. (optional for LTF 535 / LTFE 515)



21 racks and 216 pieces 50mm polypropylene boxes. (optional for LTF 325 / LTFE 290)

Model	LTF 85	LTF 225	LTF 325	LTF 425	LTF 535
Item code (DAI no.)	DAI 0101	DAI 0126	DAI 0111	DAI 0116	DAI 0121
Dimensions exterior WxDxH (mm)	552×648×850	720x695x850	1262×698×885	1562×698×885	1662×758×890
Net capacity (L)	71	133	284	368	476
Temperature range (°C)	-60/-30	-60/-30	-60/-30	-60/-30	-60/-30
Power supply (V)	230	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60

Model	LTFE 140	LTFE 290	LTFE 370	LTFE 515
Item code (DAI no.)	DAI 1600	DAI 1605	DAI 1610	DAI 1615
Dimensions exterior WxDxH (mm)	722x698x885	1262×698×885	1562×698×885	1662×758×890
Net capacity (L)	130	284	368	476
Temperature range (°C)	-45/-10	-45/-10	-45/-10	-45/-10
Power supply (V)	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about LTF/LTFE

www.arctiko.com

-40/-20°C

REMEMBER TO GET A QUOTE ON OPTIONS

LOW ENERGY CONSUMPTION



UPRIGHT LOW TEMPERATURE FREEZERS

ULUF 700

ULUF (Ultra Low Upright Freezer)

As the ULUF750 has been meeting all the expectations of our users, we created for you this year, the same model now available in -40°C, and also in stainless steel exterior. It is now a very new freezer in our range which could soon become your favourite !

NEW



AVAILABLE IN STAINLESS STEEL

Features on ULUF series

- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors and door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

Scan me and see more about ULUF 700

www.arctiko.com

Model	ULUF 700
Item code (DAI no.) white painted	DAI 1400
Item code (DAI no.) stainless steel	DAI 1400/ST
Dimensions exterior WxDxH (mm)	1030x885x2089
Net capacity (L)	680
Temperature range (°C)	-40/-20
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



Micro processor controller with digital display



Prepared for our advanced CO_2 backup system (optional).



-40/-20°C

LOW TEMPERATURE FREEZERS

ULUF 60/120

ULUF (Ultra Low Undercounter Freezer)

Our undercounter units from the ULUF range are also available in -40°C now ! These small units are so popular that we extended the possibilities for you. All the ULUF are now available in stainless steel exterior. These freezer are the perfect models for your office, for a quick reach of your most used or valuable samples.

Features on ULUF series

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Lock on door
- Heated door frame
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory



ULUF 120

NEW

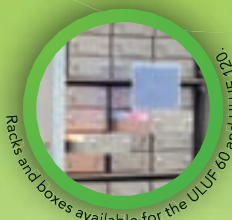
AVAILABLE IN STAINLESS STEEL



New designed easy to use Door lock.



New controller



Racks and boxes available for the ULUF 60 and ULUF 120.

Model	ULUF 60	ULUF 120
Item code (DAI no.) white painted	DAI 1419	DAI 1395
Item code (DAI no.) stainless steel	DAI 1419/ST	DAI 1395/ST
Dimensions exterior WxDxH (mm)	600x700x810	950x725x810
Net capacity (L)	55	115
Temperature range (°C)	-40/-20	-40/-20
Power supply (V)	230	230
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about ULUF 60/120

www.arctiko.com

-40/-20°C

REMEMBER TO GET A QUOTE ON OPTIONS

MULTIPLE RUNNING TEMPERATURES



UPRIGHT LOW TEMPERATURE FREEZERS

ULUF 800

ULUF (Ultra Low Upright Freezer)

This new model in the ULUF range is the perfect -40°C freezer for extra large storage with its 826L capacity. You will find all the same controller features of this range and this freezer is now available in stainless exterior. Each side can be used separately and at different temperatures as the unit is equipped with 2 controllers, and 2 compressors running independently from each other.



AVAILABLE IN STAINLESS STEEL



Multi flexible drawer system for sample storage. Optional.



Racks and boxes. Optional.



Multi flexible drawer system for sample storage. Optional.



Micro processor controller with digital display



Prepared for our advanced CO_2 backup system (optional).

Scan me and see more about ULUF 800

www.arctiko.com

Model	ULUF 800
Item code (DAI no.) white painted	DAI 1409
Item code (DAI no.) stainless steel	DAI 1409/ST
Dimensions exterior WxDxH (mm)	1492x885x2089
Net capacity (L)	826
Temperature range (°C)	-40/-20
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



30 racks and 504 pieces 50mm polypropylene boxes for the ULUF 850 (optional).

-40/-20°C

UPRIGHT LOW TEMPERATURE FREEZERS

ULUF400

ULUF (Ultra Low Upright Freezer)

Our ULUF range is such a success that we created now a larger temperature scale, available in stainless steel. This model is equipped with the same technology of the whole Ultra Low range, with our new controller, all the alarms, same features, etc.

Features on ULUF series

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Lock on door
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

AVAILABLE IN STAINLESS STEEL



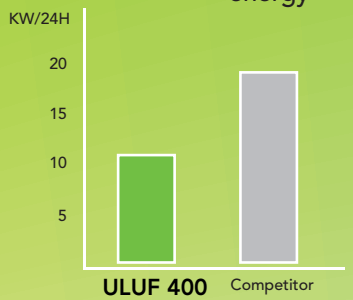
Digital Controller with micro processor and battery backup.

Multi flexible drawer system for sample storage. Optional.

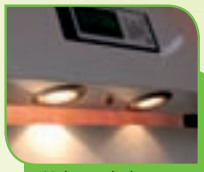
you save

41%

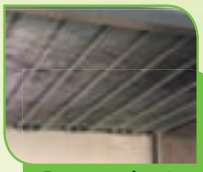
energy



CO2CARE



Halogen lights activate when door is opened.



Evaporator freezing shelves provide constant temperature in each compartment.

Model	ULUF 400
Item code (DAI no.) white painted	DAI 1407
Item code (DAI no.) stainless steel	DAI 1407/ST
Dimensions exterior WxDxH (mm)	720x885x2089
Net capacity (L)	413
Temperature range (°C)	-40/-20
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

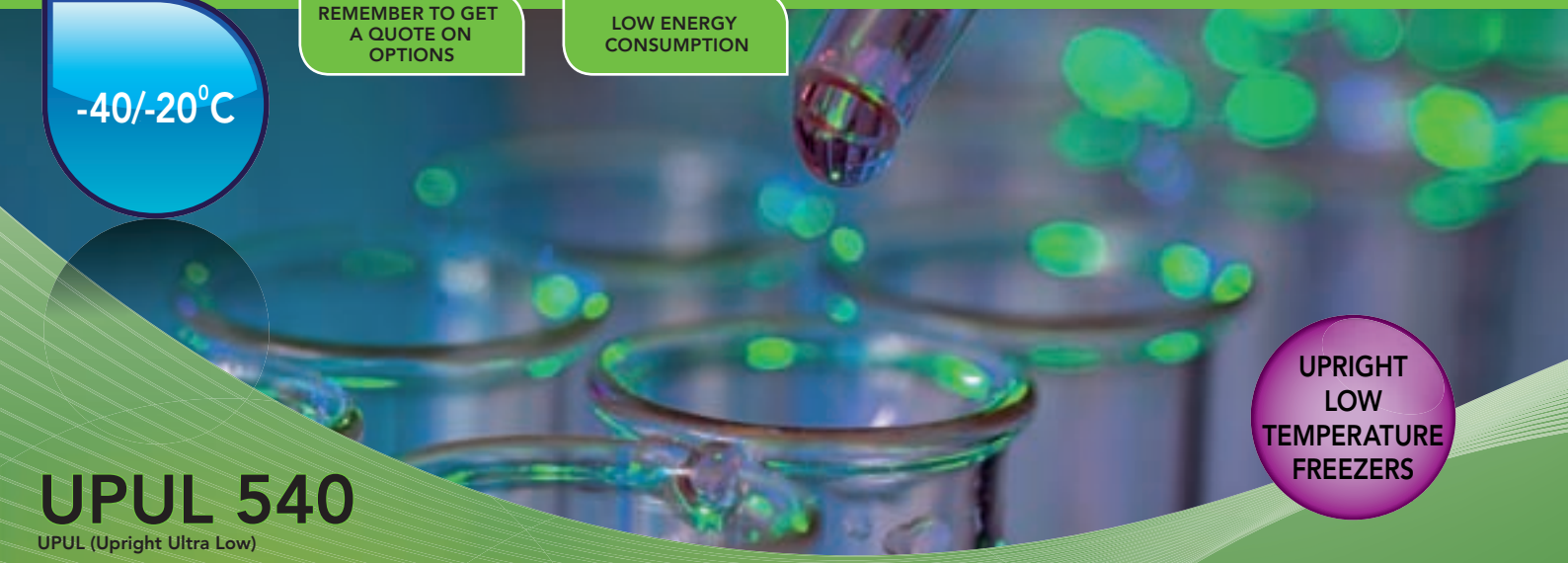
Scan me and see more about ULUF 400

www.arctiko.com

-40/-20°C

REMEMBER TO GET A QUOTE ON OPTIONS

LOW ENERGY CONSUMPTION



UPRIGHT LOW TEMPERATURE FREEZERS

UPUL 540

UPUL (Upright Ultra Low)

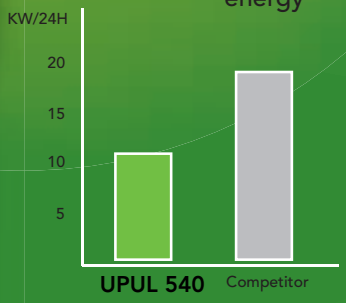
This unit combines great design and ultimate technology with its stainless steel exterior and its ergonomic loading. This is a great 450L unit for perfect temperature uniformity at -40°C. It is equipped with our new user friendly controller and all the alarms available.



you save

41%

energy



CO2CARE

Features on UPUL series

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Inner doors
- Castors and door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

Scan me and see more about UPUL 540

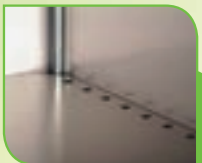
www.arctiko.com

Model	UPUL 540
Item code (DAI no.)	DAI 1406
Dimensions exterior WxDxH (mm)	680x805x2182
Net capacity (L)	450
Temperature range (°C)	-40/-20
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.



Heated vacuum valve to prevent a vacuum when opening the door at short intervals.



Ventilation holes for each compartment of the unit.

REMEMBER TO GET A QUOTE ON OPTIONS

-40/-10°C



UPRIGHT LOW TEMPERATURE FREEZERS

UPLTF series

UPLTF (Upright Low Temperature Freezer)

Create new traditions with the UPLTF series. Designed for easy access and reliable storage at low temperatures. Equipped with several alarms and all around sealed drawers, the UPLTF series are the obvious choice for anyone looking for a -40°C freezer.

UPLTF 90 / 275

- Digital display
- High and low temperature alarm
- Exterior contact for remote alarm
- Acoustic alarm
- Right hand hinged reversible door
- Adjustable feet at front, and castors at back
- All around sealed drawers to prevent frost escape when opening door



UPLTF 90



UPLTF 275

Model	UPLTF 90	UPLTF 275
Item code (DAI no.)	DAI 0370	DAI 0375
Dimensions exterior WxDxH (mm)	544×623×842	595×630×1760
Net capacity (L)	112	270
Temperature range (°C)	-40/-10	-40/-10
Power supply (V)	230	230
Frequency (Hz)	50/60	50/60

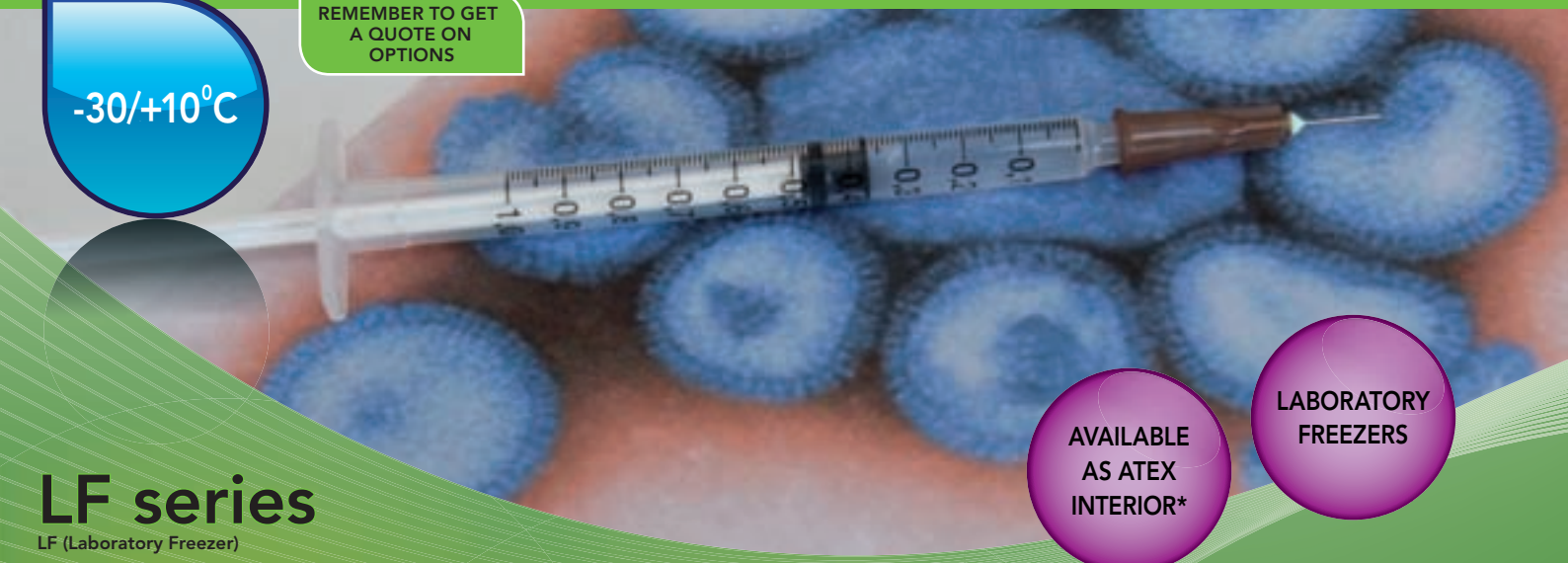
We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about UPLTF Series

www.arctiko.com

-30/+10°C

REMEMBER TO GET A QUOTE ON OPTIONS



AVAILABLE AS ATEX INTERIOR*

LABORATORY FREEZERS

LF series

LF (Laboratory Freezer)

Unite the latest technologies in one refrigerator: the Arctiko laboratory line is produced with attention to details and is user friendly. The LF range has many features and offers different sizes. No matter which product you choose, it is built after the same strict guidelines.



LF 500



LF 1400

LF 700

AVAILABLE IN STAINLESS STEEL

Micro processor controller with digital display

LF series

- White or stainless steel exterior
- Stainless steel interior
- Automatic door closing
- Air forced cooling
- Adjustable shelves
- Castors
- Door key lock
- Reversible door

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

* Approved according to EN 60079-15 category 3, zone 2. CE EX 11-/3 G

Scan me and see more about LF Series

www.arctiko.com

Model	LF 300	LF 500	LF 700	LF 1400
Item code (DAI no.) white painted	DAI 0226	DAI 0246	DAI 0256	DAI 0276
Item code (DAI no.) stainless steel	DAI 0226/ST	DAI 0246/ST	DAI 0256/ST	DAI 0276/ST
ATEX	DAI 0226/AT	DAI 0246/AT	DAI 0256/AT	DAI 0276/AT
Dimensions exterior WxDxH (mm)	520x700x1997	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	345	515	615	1240
Temperature range (°C)	-30/-10	-30/-10	-30/-10	-30/-10
Power supply (V)	230	230	230	230
Frequency (Hz)	50	50	50	50

We reserve the right to change specifications without notice. Subject to confirmation and availability.



REMEMBER TO GET A QUOTE ON OPTIONS

-23/+10°C

PHARMACEUTICAL FREEZERS

AVAILABLE AS ATEX INTERIOR*

PF series

With class and outstanding cooling performances, the pharmaceutical refrigerators and freezers from Arctiko allow the best overview of the inside of the units, with double pane glass doors. The new Arctiko controller ensures reliable temperatures and is equipped with many alarms to give your goods full safety, and also give you great peace of mind!

PF series

- White or stainless steel exterior
- Stainless steel interior
- Automatic door closing
- Air forced cooling
- Adjustable shelves
- Castors
- Key lock on door
- Reversible door
- Glass door

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

AVAILABLE IN STAINLESS STEEL



PF 700

PF 1400

* Approved according to EN 60079-15 category 3, zone 2. CE EX 11-/3 G

Model	PF 300	PF 500	PF 700	PF 1400
Item code (DAI no.) white painted	DAI 0891	DAI 0856	DAI 0866	DAI 0876
Item code (DAI no.) stainless steel	DAI 0891/ST	DAI 0856/ST	DAI 0866/ST	DAI 0876/ST
ATEX	DAI 0891/AT	DAI 0856/AT	DAI 0866/AT	DAI 0876/AT
Dimensions exterior WxDxH (mm)	520x750x1997	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	300	525	630	1255
Temperature range (°C)	-23/-10	-23/-10	-23/-10	-23/-10
Power supply (V)	230	230	230	230
Frequency (Hz)	50	50	50	50

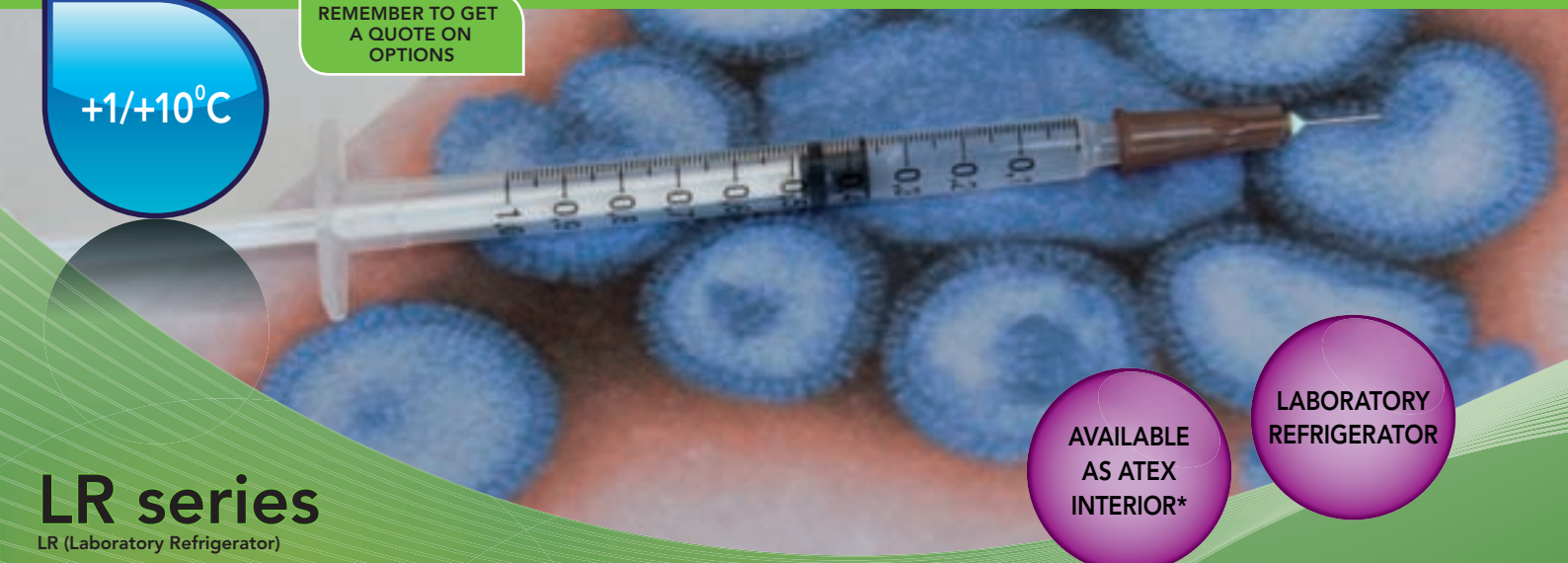
We reserve the right to change specifications without notice. Subject to confirmation and availability.

Scan me and see more about PF Series

www.arctiko.com

+1/+10°C

REMEMBER TO GET A QUOTE ON OPTIONS



AVAILABLE AS ATEX INTERIOR*

LABORATORY REFRIGERATOR

LR series

LR (Laboratory Refrigerator)

These laboratory refrigerators offer precise temperature uniformity and are produced with attention to details, as well as being very user friendly. Available in different volume capacity, this range has been created to offer you the best in technology and reliability.



LR 500



LR 1400

LR 700

AVAILABLE IN STAINLESS STEEL

Micro processor controller with digital display

LR series

- White or stainless steel exterior
- Stainless steel interior
- Automatic door closing
- Air forced cooling
- Adjustable shelves
- Castors
- Door key lock
- Reversible door

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

* Approved according to EN 60079-15 category 3, zone 2. CE EX 11-/3 G

Scan me and see more about LR Series

www.arctiko.com

Model	LR 300	LR 500	LR 700	LR 1400
Item code (DAI no.) white painted	DAI 0221	DAI 0241	DAI 0251	DAI 0271
Item code (DAI no.) stainless steel	DAI 0221/ST	DAI 0241/ST	DAI 0251/ST	DAI 0271/ST
Item code (DAI no.) ATEX	DAI 0221/AT	DAI 0241/AT	DAI 0251/AT	DAI 0271/AT
Dimensions exterior WxDxH (mm)	520x700x1997	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	345	515	615	1240
Temperature range (°C)	+1/+10	+1/+10	+1/+10	+1/+10
Power supply (V)	230	230	230	230
Frequency (Hz)	50	50	50	50

We reserve the right to change specifications without notice. Subject to confirmation and availability.



REMEMBER TO GET A QUOTE ON OPTIONS

+1/+10°C

PHARMACEUTICAL REFRIGERATORS

AVAILABLE AS ATEX INTERIOR*

PR series

The PR Series has been innovated and designed especially for the pharmaceutical field, with its glass doors for a better overview of your products. They have fans in each compartment to create 'forced air circulation and cooling' and ensure reliable temperatures. They are also equipped with our new controllers for maximum safety.

PR series

- White or stainless steel exterior
- Stainless steel interior
- Automatic door closing
- Air forced cooling
- Adjustable shelves
- Castors
- Key lock on door
- Reversible door
- Glass door

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

AVAILABLE IN STAINLESS STEEL



PR 700

PR 1400

* Approved according to EN 60079-15 category 3, zone 2. CE EX 11-/3 G

Model	PR 300	PR 500	PR 700	PR 1400
Item code (DAI no.) white painted	DAI 0886	DAI 0851	DAI 0861	DAI 0871
Item code (DAI no.) stainless steel	DAI 0886/ST	DAI 0851/ST	DAI 0861/ST	DAI 0871/ST
Item code (DAI no.) ATEX	DAI 0886/AT	DAI 0851/AT	DAI 0861/AT	DAI 0871/AT
Dimensions exterior WxDxH (mm)	520x750x1997	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	300	525	630	1255
Temperature range (°C)	+1/+10	+1/+10	+1/+10	+1/+10
Power supply (V)	230	230	230	230
Frequency (Hz)	50	50	50	50

We reserve the right to change specifications without notice. Subject to confirmation and availability.

Scan me and see more about PR Series

www.arctiko.com

+2/+14°C

REMEMBER TO GET A QUOTE ON OPTIONS

PHARMACY REFRIGERATOR

PR 360

PR (Pharmaceutical Refrigerator)

The new pharmacy refrigerator in the Arctiko range is the perfect craftsmanship, with the implementation of our already well known multi feature controller and improved cooling performances. The PR360 represents the new generation in pharmacy storage.



PR 360

Features on PR 360

- Improved cooling performance
- Interior Light
- Flexible shelf system
- Air forced cooling
- Key lock

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

Scan me and see more about PR 360

www.arctiko.com

Model	PR 360
Item code (DAI no.)	DAI 0600
Dimensions exterior WxDxH (mm)	600x595x2000
Net capacity (L)	351
Temperature range (°C)	+2/+14
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

The Arctiko controller has every alarm feature possible, combined with integrated data logger, contact for remote monitoring, RS485 interface and USB read out.

Software provided at no extra charge.



Increase your security. The PR series is prepared for GSM alarm.

+2/+8C
-26/-15C

LABORATORY PHARMACEUTICAL REFRIGERATORS AND FREEZERS

Laboratory/Pharmaceutical refrigerators

LAR 70 / PHR 70

- Foamed or glass door
- Leveling feet
- Adjustable shelves
- Digital display
- Visual and acoustic alarm
- Door open alarm

These Laboratory fridges are equipped with adjustable shelves to store all kinds of bottles and samples. Although very compact units, they still have many features to protect your pharmaceuticals, such as visual and acoustic alarm, digital display, etc.



LAR 70



PHR 70

Spark Free Units

LR 170 / LF 140 / PR 170

- Digital display
- Contact for remote alarm
- Spark free interior
- ABS interior
- White exterior
- Key lock
- Right hand hinged reversible door
- Adjustable shelves
- Auto defrost

The Arctiko Spark free range meets the full ATEX compliances, for both interior and exterior of the unit, as required by EC 94/9/EC directives. By having the full ATEX compliance, you can rest assured that all your components, samples or products are stored safely in a spark free unit.



LR 170 / LF 140



PR 170

Model	LAR 70	PHR 70	LR 170	LF 140	PR 170
Item code (DAI no.)	DAI 0670	DAI 0675	DAI 0550	DAI 0560	DAI 0590
Dimensions exterior WxDxH (mm)	500x490x640	500x490x640	595x640x830	596x640x830	595x640x830
Net capacity (L)	68	68	104	104	104
Temperature range (°C)	+2/+8	+2/+8	+2/+15	-26/-10	+2/+15
Power supply (V)	220	220	230	230	230
Frequency (Hz)	50	50	50	50	50

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

+4°C

FULL ALARM FEATURE LIST

STRONG AND RELIABLE PERFORMANCE



BBR RANGE

BBR Range

A perfect combination of unique temperature uniformity and reliable technology, the Arctiko BBR segment offers extreme security where needed. Experience the BBR with advanced controllers, integrated non-manipulative data logger with USB read out and chart recorder as standard.



BBR 1400



BBR 300



BBR 100



BBR DRAWER

NEW

BBR series

- Stainless steel interior
- White exterior
- Automatic door closing and key lock
- Air forced cooling
- Drawers
- Right hand hinged reversible door
- Castors
- Chart recorder

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory

ISO 13485:2003

Scan me and see more about BBR Range

www.arctiko.com

Model	BBR100	BBR300	BBR 500	BBR 700	BBR 1400
Item code (DAI no.)	DAI 0770	DAI 0775	DAI 0735	DAI 0740	DAI 0745
Dimensions exterior WxDxH (mm)	610x645x810	520x700x1997	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	100	345	525	630	1255
Temperature range (°C)	+4	+4	+4	+4	+4
Power supply (V)	230	230	230	230	230
Frequency (Hz)	50	50	50	50	50

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

FULL ALARM FEATURE LIST

STRONG AND RELIABLE PERFORMANCE

+4°C

BBR RANGE

BBR Range
Dual Refrigeration

With the new added dual refrigeration in the BBR Range from Arctiko, you have have now even more security for the storage of your products. The 2 separate working compressors make sure that your products will always be totally safe.

BBR series

- Stainless steel interior
- White exterior
- Automatic door closing and key lock
- Air forced cooling
- Drawers
- Right hand hinged reversible door
- Castors
- Chart recorder

Controller features

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485/232 Interface
- Computer USB data read out
- Auto cycle if probe failure
- Ambient temperature display
- Shows all alarms
- Direct download/upload on/ from USB memory stick
- 3-level password protected
- Battery level indication
- Integrated memory



BBR 700-D

NEW



BBR 1400-D

ISO 13485:2003

Model	BBR 500-D	BBR 700-D	BBR 1400-D
Item code (DAI no.)	DAI 0780	DAI 0785	DAI 0790
Dimensions exterior WxDxH (mm)	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	525	630	1255
Temperature range (°C)	+4	+4	+4
Power supply (V)	230	230	230
Frequency (Hz)	50	50	50

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Scan me and see more about BBR Range

www.arctiko.com

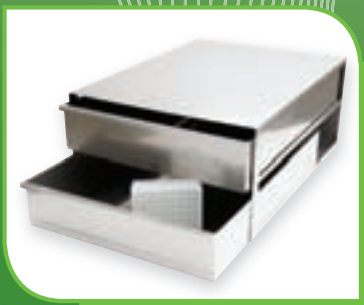
ORIGINAL RELIABLE ARCTIKO ACCESSORIES



Chart recorder

Chart Recorder

If you need documentation for the temperature condition over a certain period of time, the Arctiko chart recorder is the optimal solution. A replaceable pen is continuously documenting the temperature on a chart which circulates either on 7 days or 24 hour basis. The chart recorder can be built in as an option in many Arctiko products.



Drawer system for flexible usage. (boxes not included)

Drawer System

The new Arctiko multipurpose drawer system, offers a great way to keep your samples in order. Either to divide up the freezer for several users or just for easy access and overview.
The drawer systems can be used in our UPUL and ULUF range.



GSM alarm module

GSM Alarm Module

A GSM alarm module can be connected to the majority of Arctiko products. The module sends a SMS message to one or several coded telephone numbers in case the temperature in the freezer exceeds the fixed range. A simple, effective and reliable alternative providing increased safety.



CO_2 back up

CO_2 Back-up

A number of Arctiko products can be supplemented by a CO_2 back up system for optimized safety. The back up system is supplied with heavy duty internal battery injection indicator and digital display with alarm functions. It injects CO_2 in case the temperature inside a freezer rises above a pre-set temperature value.



Cryo gloves

Cryo Gloves

Those water resistant cryo gloves protect your hands and prevent frost bites, while manipulating your frozen products in ultra cold environments, down to -160°C. They have multi layers of insulation from the tip of your fingers to your mid-forearms, and can also be used in very high temperatures, up to 123°C. (Available in different models and sizes).

SVS Voltage Stabilizers

Features

- Microprocessor controlled stabilizer
- Very wide input voltage range
- Excellent output voltage stability
- Includes surge and spike suppression
- Extremely fast response
- Incorporates over-voltage and under voltage disconnect
- Incorporates TimeSave feature

The Sollatek SVS monitors the mains voltage continuosly. If the voltage rises or drops, the SVS will stabilize the output to ensure the voltage reaching your equipment remains constant at 230V (+/-6%), within the operating range of the unit. If the voltage falls below 142V or rises above 295V, the SVS will disconnect the output, thereby protecting the load. Once the main voltage returns again within acceptable limits, the SVS will reconnect the output following a start up delay.



SVS08-22



SVS04-22

The SVS will ensure that your equipment will receive normal, stabilized power which is essential for refrigeration equipment in unsteady power areas to ensure:

- Long service operation without damage.
- Ensure that the contents of the refrigeration is kept at the optimal temperature.

Model	Item code	Amps	VA@240V	Socket	Weight (kg)	Dims (mm)	Case	Type
SVS04-22	DAI 941	4	960	Schuko	3	240x178x150	A	Plastic
SVS08-22	DAI 942	8	1920	Schuko	3	270x387x160	B	Plastic

We reserve the right to change specifications without notice. Subject to confirmation and availability.



Boxes from Arctiko

There are many different plastic boxes on the market. Our chosen manufacturer is a European based company with many years of experience in making strong and easy to use storage boxes with focus on the customers.
We use a strong polypropylene mixture, and the engineers have managed to create a box where the vials do not follow the lid upon opening. They have also implemented a system to store the boxes in numerical order for an easier overview of all the vials stored.
The box is equipped with a standard 9x9 divider to provide a storage capacity of 81 samples in each box.

Model	Box size (mm)	Dividers	Total no. of vials	Fabricate	Dimensions (mm)
PB50	50	9x9	81 pcs.	Polypropylene	133x133x50
PB75	75	9x9	81 pcs.	Polypropylene	133x133x75
PB96	96	9x9	81 pcs.	Polypropylene	133x133x96

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

Medical Racks and Boxes for ultra low temperatures

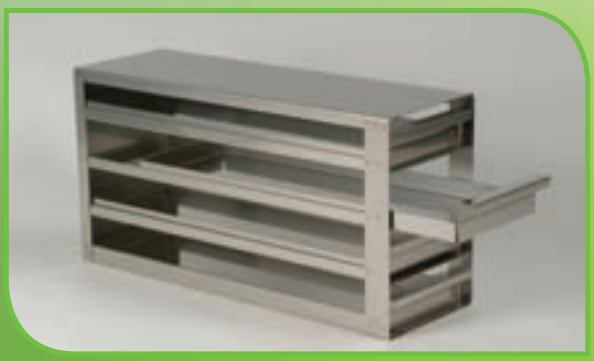
We offer a large variety of racks and boxes for our refrigeratores and freezers. The racks are made of high quality stainless steel, and the boxes are made of polypropylene plastic, which can handle the lowest temperatures.

In order to helo you understand the meaning of the codes, heres an example.



UDR = Upright Drawer Rack

Strong stainless steel racks produced with drawers for easy and practical access to your boxes of samples.



Freezer model	Box size (mm)	Rack model and total quantity	No. of boxes per rack – depth x height	Total no. of boxes	Exterior dimensions of rack (mm)
MUF 40	50	2 x UDR50-24	2 x 4	16	141 x 302 x 231
ULF 390	50	16 x UDR50-35	3 x 5	240	141 x 434 x 290
ULF 650	50	20 x UDR50-44	4 x 4	320	141 x 567 x 231
ULUF 60 / 65	50	2 x UDR50-35	3 x 5	30	141 x 434 x 290
ULUF 120 / 125	50	4 x UDR50-34	3 x 4	48	141 x 434 x 231
ULUF 400 / 450 / 490	50	12 x UDR50-44 + 3 x UDR50-45 (= 15 racks)	4 x 4 4 x 5	192 + 60 (= 252 boxes)	141 x 567 x 231 141 x 567 x 290
ULUF 700 / 750	50	20 x UDR50-44 + 5 x UDR50-45 (= 25 racks)	4 x 4 4 x 5	320 + 100 (= 420 boxes)	141 x 567 x 231 141 x 567 x 290
ULUF 800 / 850 / 890	50	24 x UDR50-44 + 6 x UDR50-45 (= 30 racks)	4 x 4 4 x 5	384 + 120 (= 504 boxes)	141 x 567 x 231 141 x 567 x 290
UPUL 540 / 580	50	9 x UDR50-44 + 6 x UDR50-45 (= 15 racks)	4 x 4 4 x 5	144 + 120 (= 264 boxes)	141 x 567 x 231 141 x 567 x 290
MUF 40	75	2 x UDR75-23	2 x 3	12	141 x 302 x 244
ULF 390	75	16 x UDR75-33	3 x 3	144	141 x 434 x 244
ULF 650	75	2 x UDR75-43	4 x 3	24	141 x 567 x 244
ULUF 60/65	75	2 x UDR75-33	3 x 3	18	141 x 434 x 244
ULUF 120/125	75	4 x UDR75-33	3 x 3	36	141 x 434 x 244
ULUF 400 / 450 / 490	75	15 x UDR75-43	4 x 3	180	141 x 567 x 244
ULUF 700 / 750	75	25 x UDR75-43	4 x 3	300	141 x 567 x 244
ULUF 800 / 850 / 890	75	30 x UDR75-43	4 x 3	360	141 x 567 x 244
UPUL 540 / 580	75	15 x UDR75-43	4 x 3	180	141 x 567 x 244
MUF 40	96	2 x UDR96-22	2 x 2	8	141 x 302 x 204
ULF 390	96	16 x UDR96-32	3 x 2	96	141 x 434 x 204
ULF 650	96	20 x UDR96-42	4 x 2	160	141 x 567 x 204
ULUF 60/65	96	2 x UDR96-33	3 x 3	18	141 x 434 x 306
ULUF 120/125	96	4 x UDR96-32	3 x 2	24	141 x 434 x 204
ULUF 400 / 450	96	15 x UDR96-42	4 x 2	120	141 x 567 x 204
ULUF 490	96	12 x UDR96-42 + 3 x UDR96-43 (= 15 racks)	4 x 2 4 x 3	96 + 36 (= 132 boxes)	141 x 567 x 204 141 x 567 x 306
ULUF 700	96	20 x UDR96-42 + 5 x UDR96-43 (= 25 racks)	4 x 2 4 x 3	160 + 60 (= 220 boxes)	141 x 567 x 204 141 x 567 x 306
ULUF 750	96	20 x UDR96-42 + 5 x UDR96-43 (= 25 racks)	4 x 2 4 x 3	160 + 60 (= 220 boxes)	141 x 567 x 204 141 x 567 x 306
ULUF 800 / 850 / 890	96	24 x UDR96-42 + 6 x UDR96-43 (= 30 racks)	4 x 2 4 x 3	192 + 72 (= 264 boxes)	141 x 567 x 204 141 x 567 x 306
UPUL 540 / 580	96	9 x UDR96-42 + 6 x UDR96-43 (= 15 racks)	4 x 2 4 x 3	72 + 72 (= 144 boxes)	141 x 567 x 204 141 x 567 x 306

We reserve the right to change specifications without notice.
Subject to confirmation and availability.

RACKS AND BOXES



OTHER RACKS CAN BE DELIVERED UPON REQUEST

CFR = Chest Front Rack

On this model, the box is taken out from the front. This ensures a good overview when picking up the racks from the freezer. They also have individual compartments made in strong stainless steel.

Freezer model	Box size (mm)	Rack model and total quantity	Total no. of boxes	Exterior dimensions of rack (mm)
ULTF 80 / LTF 85	50	5 x CFR50-08	40	138 x 138 x 446
LTFE 140	50	6 x CFR50-11 + 3 x CFR50-06 (= 9 racks)	66 + 18 (= 84 boxes)	138 x 138 x 611 138 x 138 x 336
ULTF 220 / LTF 225	50	9 x CFR50-11 + 3 x CFR50-06 (= 12 racks)	99 + 18 (= 117 boxes)	138 x 138 x 611 138 x 138 x 336
ULTF 320 / LTF 325 / LTFE 290	50	18 x CFR50-11 + 3 x CFR50-06 (= 21 racks)	198 + 18 (= 216 boxes)	138 x 138 x 611 138 x 138 x 336
ULTF 420 / LTF 425 / LTFE 370	50	24 x CFR50-11 + 3 x CFR50-06 (= 27 racks)	264 18 (= 282 boxes)	138 x 138 x 611 138 x 138 x 336
LTF 535 / LTFE 515	50	27 x CFR50-12 + 3 x CFR50-07 (= 30 racks)	324 + 21 (= 345 boxes)	138 x 138 x 611 138 x 138 x 391
ULTF 1400	50	8 x CFR50-09	72	138 x 138 x 501
ULTF 1500	50	16 x CFR50-09	144	138 x 138 x 501
ULTF 80 / LTF 85	75	5 x CFR75-05	25	138 x 138 x 399
LTFE 140	75	6 x CFR75-07 + 3 x CFR75-04 (= 9 racks)	42 + 12 (= 54 boxes)	138 x 138 x 566 138 x 138 x 326
ULTF 220 / LTF 225	75	9 x CFR75-07 + 3 x CFR75-04 (= 12 racks)	63 + 12 (= 75 boxes)	138 x 138 x 556 138 x 138 x 320
ULTF 320 / LTF 325 / LTFE 290	75	18 x CFR75-07 + 3 x CFR75-04 (= 21 racks)	126 + 12 (= 138 boxes)	138 x 138 x 556 138 x 138 x 320
ULTF 420 / LTF 425 / LTFE 370	75	24 x CFR75-07 + 3 x CFR75-04 (= 27 racks)	168 + 12 (= 180 boxes)	138 x 138 x 556 138 x 138 x 320
LTF 535 / LTFE 515	75	27 x CFR75-08 + 3 x CFR75-05 (= 30 racks)	216 + 15 (= 231 boxes)	138 x 138 x 646 138 x 138 x 406
ULTF 1400	75	8 x CFR75-06	48	138 x 138 x 477
ULTF 1500	75	16 x CFR75-06	96	138 x 138 x 477
ULTF 80 / LTF 85	96	5 x CFR96-04	20	138 x 138 x 402
LTFE 140	96	6 x CFR96-06 + 3 x CFR96-03 (= 9 racks)	36 + 9 (= 45 boxes)	138 x 138 x 600 138 x 138 x 303
ULTF 220 / LTF 225	96	9 x CFR96-05 + 3 x CFR96-03 (= 12 racks)	45 +9 (= 54 boxes)	138 x 138 x 501 138 x 138 x 303
ULTF 320 / LTF 325 / LTFE 290	96	18 x CFR96-06 + 3 x CFR96-03 (= 21 racks)	108 + 9 (= 117 boxes)	138 x 138 x 600 138 x 138 x 303
ULTF 420 / LTF 425 / LTFE 370	96	24 x CFR96-06 + 3 x CFR96-03 (= 27 racks)	144 + 9 (= 153 boxes)	138 x 138 x 600 138 x 138 x 303
LTF 535 / LTFE 515	96	27x CFR96-06 + 3 x CFR96-04 (= 30 racks)	162 + 12 (= 174 boxes)	138 x 138 x 600 138 x 138 x 402
ULTF 1400	96	8 x CFR96-05	40	138 x 138 x 501
ULTF 1500	96	16 x CFR96-05	80	138 x 138 x 501

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USR = Upright Side Rack

Those racks have individual compartments for each box, and are very solid and strong for extremely low temperatures. On this model the box is taken out from the side. You can store a little more boxes in those models.



Freezer model	Box size (mm)	Rack model and total quantity	No. of boxes per rack – depth x height	Total no. of boxes	Exterior dimensions of rack (mm)
MUF 40	50	2 x USR50-25	2 x 5	20	139 x 278 x 279
ULF 390	50	16 x USR50-35	3 x 5	240	139 x 414 x 279
ULF 650	50	20 x USR50-45	4 x 5	400	139 x 549 x 279
ULUF 60 / 65	50	2 x USR50-35	3 x 5	30	139 x 414 x 279
ULUF 120 / 125	50	4 x USR50-34	3 x 4	48	139 x 414 x 224
ULUF 400 / 450 / 490	50	12 x USR50-44 + 3 x USR50-45 (= 15 racks)	4 x 4 4 x 5	192 + 60 (= 252 boxes)	139 x 549 x 224 139 x 549 x 279
ULUF 700 / 750	50	20 x USR50-44 + 5 x USR50-45 (= 25 racks)	4 x 4 4 x 5	320 + 100 (= 420 boxes)	139 x 549 x 224 139 x 549 x 279
ULUF 800 / 850 / 890	50	24 x USR50-44 + 6 x USR50-45 (= 30 racks)	4 x 4 4 x 5	384 + 120 (= 504 boxes)	139 x 549 x 224 139 x 549 x 279
UPUL 540 / 580	50	9 x USR50-44 + 6 x USR50-45 (= 15 racks)	4 x 4 4 x 5	144 + 120 (= 264 boxes)	139 x 549 x 224 139 x 549 x 279
MUF 40	75	2 x USR75-23	2 x 3	12	139 x 278 x 240
ULF 390	75	16 x USR75-33	3 x 3	144	139 x 414 x 240
ULF 650	75	20 x USR75-43	4 x 3	240	139 x 549 x 240
ULUF 60/65	75	2 x USR75-33	3 x 3	18	139 x 414 x 240
ULUF 120/125	75	4 x USR75-33	3 x 3	36	139 x 414 x 240
ULUF 400 / 450 / 490	75	15 x USR75-43	4 x 3	180	139 x 549 x 240
ULUF 700	75	25 x USR75-43	4 x 3	300	139 x 549 x 240
ULUF 750	75	25 x USR75-43	4 x 3	300	139 x 549 x 240
ULUF 800 / 850	75	24 x USR75-43 + 5 x GB75-44 (= 29 racks)	4 x 3 4 x 4	288 + 80 (= 368 boxes)	139 x 549 x 240 139 x 549 x 324
ULUF 890	75	30 x USR75-43	4 x 3	360	139 x 549 x 240
UPUL 540 / 580	75	15 x USR75-43	4 x 3	180	139 x 549 x 240
MUF 40	96	2 x USR96-22	2 x 2	8	139 x 278 x 202
ULF 390	96	16 x USR96-32	3 x 2	96	139 x 414 x 202
ULF 650	96	20 x USR96-42	4 x 2	160	139 x 549 x 202
ULUF 60/65	96	2 x USR96-33	3 x 3	18	139 x 414 x 301
ULUF 120/125	96	4 x USR96-32	3 x 2	24	139 x 414 x 202
ULUF 400 / 450 / 490	96	12 x USR96-42 + 3 x USR96-43 (=15 racks)	4 x 2 4 x 3	96 + 36 (= 132 boxes)	139 x 549 x 202 139 x 549 x 301
ULUF 700 / 750	96	20 x USR96-42 + 5 x USR96-43 (=25 racks)	4 x 2 4 x 3	160 + 60 (= 220 boxes)	139 x 549 x 202 139 x 549 x 301
ULUF 800 / 850	96	24 x USR96-42 + 5 x USR96-43 (= 29 racks)	4 x 2 4 x 3	192 + 60 (= 252 boxes)	139 x 549 x 202 139 x 549 x 301
ULUF 890	96	24 x USR96-42 + 6 x USR96-43 (= 30 racks)	4 x 2 4 x 3	192 + 72 (= 264 boxes)	139 x 549 x 202 139 x 549 x 301
UPUL 540 / 580	96	9 x USR96-42 + 6 x USR96-43 (= 15 racks)	4 x 2 4 x 3	72 + 72 (= 144 boxes)	139 x 549 x 202 139 x 549 x 301

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Upright Low & Ultra Low Temperature Freezers -86°C / -40°C






Model	ULUF 400 / ULUF 400-ST	ULUF 450 / ULUF 450-ST	ULUF 450-2M / ULUF 450-2M-ST	ULUF 490 / ULUF 490-ST
Item code	DAI 1407 / DAI 1407/ST	DAI 1408 / DAI 1408/ST	DAI 1414 / DAI 1414/ST	DAI 1405 / DAI 1405/ST
Dimensions exterior WxDxH (mm)	720x885x2089	720x885x2089	720x885x1990	720x885x2089
Net capacity (L)	413	413	370	393
Dimensions interior WxDxH (mm)	480x608x1415	480x608x1415	480x608x1337	480x608x1415
Insulation (mm)	120	120	120	120
Temperature range (°C)	-40 / -20	-86 / -40	-86 / -40	-90 / -40
Max. ambient temperature (°C)	25	25	25	25
Power supply (V)	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	9	14,9	14,9	23,8
AMP (A)	1,9	3,8	3,8	3,8
Noise level (DBA)	< 55	< 55	< 55	< 55
Weight (KG)	183	183	175	208
Shipping weight (KG)	–	–	–	–
Shipping weight with wooden crate (KG)	217	217	187	242
Shipping dimensions WxDxH (mm)	–	–	–	–
Shipping dimensions with wooden box WxDxH (mm)	870x975x2250	870x975x2250	870x975x2145	870x975x2250
No. of compressors.	1	1	1	2
Visual / Acoustic alarm	√	√	√	√
Power failure alarm	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√
Open door alarm	√	√	√	√
Probe failure alarm	√	√	√	√
Alarm display as text - not codes	√	√	√	√
Contact for remote alarm	√	√	√	√
Prepared for GSM alarm module	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	√	√	√	√
Digital display	√	√	√	√
Data logger	√	√	√	√
RS 232 interface	√	√	√	√
RS 485 interface	√	√	√	√
USB	√	√	√	√
Defrost manual / auto	manual	manual	manual	manual
Castors	√	√	√	√
Chart recorder	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	4 / – (*)	4 / – (*)	4 / – (*)	4 / – (*)
Adjustable Shelves (pcs) / drawers (pcs)	–	–	–	–
Basket (pcs)	–	–	–	–
Sub lids/door (pcs)	– / 5	– / 5	– / 5	– / 5
Lighting	√	√	√	√
Lock	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel
Colour (exterior)	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel
Refrigerant	R404a	EP88	EP88	EP88

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Upright Low & Ultra Low Temperature Freezers -86°C / -40°C







Model	ULUF 800 / ULUF 800-ST	ULUF 850 / ULUF 850-ST	ULUF 890 / ULUF 890-ST	ULUF 700 / ULUF 700-ST	ULUF 750 / ULUF 750-ST
Item code	DAI 1409 / DAI 1409/ST	DAI 1411 / DAI 1411/ST	DAI 1415 / DAI 1415/ST	DAI 1400 / DAI 1400/ST	DAI 1416 / DAI 1416/ST
Dimensions exterior WxDxH (mm)	1492x885x2089	1492x885x2089	1492x885x2089	1030x885x2089	1030x885x2089
Net capacity (L)	826	826	786	680	680
Dimensions interior WxDxH (mm)	2 deparment each 480x608x1415	2 deparment each 480x608x1415	2 deparment each 480x608x1415	790x608x1415	790x608x1415
Insulation (mm)	120	120	120	120	120
Temperature range (°C)	-40 / -20	-86 / -40	-90 / -40	-40 / -20	-86 / -40
Max. ambient temperature (°C)	25	25	25	25	25
Power supply (V)	230	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	2 x 9	2 x 14,9	2 x 23,8	14	18,5
AMP (A)	2 x 1,9	2 x 3,8	2 x 3,8	3,4	5,0
Noise level (DBA)	< 55	< 55	< 55	< 55	< 55
Weight (KG)	376	376	426	254	254
Shipping weight (KG)	–	–	–	–	–
Shipping weight with wooden crate (KG)	552	552	602	319	319
Shipping dimensions WxDxH (mm)	–	–	–	–	–
Shipping dimensions with wooden box WxDxH (mm)	1570x940x2273	1570x940x2273	1570x940x2273	1080x940x2275	1080x940x2275
No. of compressors.	2	2	2 x 2	1	1
Visual / Acoustic alarm	√	√	√	√	√
Power failure alarm	√	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√	√
Open door alarm	√	√	√	√	√
Probe failure alarm	√	√	√	√	√
Alarm display as text - not codes	√	√	√	√	√
Contact for remote alarm	√	√	√	√	√
Prepared for GSM alarm module	√	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	√	√	√	√	√
Digital display	√	√	√	√	√
Data logger	√	√	√	√	√
RS 232 interface	√	√	√	√	√
RS 485 interface	√	√	√	√	√
USB	√	√	√	√	√
Defrost manual / auto	manual	manual	manual	manual	manual
Castors	√	√	√	√	√
Chart recorder	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	8 / – (*)	8 / – (*)	8 / – (*)	4 / – (*)	4 / – (*)
Adjustable Shelves (pcs) / drawers (pcs)	–	–	–	–	–
Basket (pcs)	–	–	–	–	–
Sub lids/door (pcs)	– / 10	– / 10	— / 10	— / 5	— / 5
Lighting	√	√	√	√	√
Lock	√	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel
Colour (exterior)	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel
Refrigerant	R404a	EP88	EP88	R-404a	EP88

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Upright Low & Ultra Low Temperature Freezers -86°C / -20°C






Model	ULUF 60 / ULUF 60-ST	ULUF 65 / ULUF 65-ST	ULUF 120 / ULUF 120-ST	ULUF 125 / ULUF 125-ST
Item code	DAI 1419 / DAI 1419/ST	DAI 1416 / DAI 1416/ST	DAI 1395 / DAI 1395/ST	DAI 1417 / DAI 1417/ST
Dimensions exterior WxDxH (mm)	600x700x810	600x700x810	950x725x810	950x725x810
Net capacity (L)	55	55	115	115
Dimensions interior WxDxH (mm)	360x468x320	360x468x320	360x493x530	360x493x530
Insulation (mm)	120	120	120	120
Temperature range (°C)	-40 / -20	-86 / -40	-40 / -20	-86 / -40
Max. ambient temperature (°C)	25	25	25	25
Power supply (V)	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	7,4	8,1	7,4	8,1
AMP (A)	3,2	3,2	3,2	3,2
Noise level (DBA)	<55	<55	< 55	< 55
Weight (KG)	80	80	100	100
Shipping weight (KG)	–	–	–	–
Shipping weight with wooden crate (KG)	100	100	130	130
Shipping dimensions WxDxH (mm)	–	–	–	–
Shipping dimensions with wooden box WxDxH (mm)	660x800x1000	660x800x1000	1010x800x1000	1010x800x1000
No. of compressors.	1	1	1	1
Visual / Acoustic alarm	√	√	√	√
Power failure alarm	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√
Open door alarm	√	√	√	√
Probe failure alarm	√	√	√	√
Alarm display as text - not codes	√	√	√	√
Contact for remote alarm	√	√	√	√
Prepared for GSM alarm module	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	√	√	√	√
Digital display	√	√	√	√
Data logger	√	√	√	√
RS 232 interface	√	√	√	√
RS 485 interface	√	√	√	√
USB	√	√	√	√
Defrost manual / auto	manual	manual	manual	manual
Castors	–	–	–	–
Chart recorder	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	–	–	1 / –	1 / –
Adjustable Shelves (pcs) / drawers (pcs)	–	–	–	–
Basket (pcs)	–	–	–	–
Sub lids/door (pcs)	–	–	–	–
Lighting	–	–	–	–
Lock	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel
Colour (exterior)	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel
Refrigerant	R-404a	EP88	R-404a	EP88

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	Upright Low & Ultra Low Temperature Freezers -86°C / -40°C				Portable Cryogenic Freezer -80°C	Ultra Low Temperature Freezer -80°C
						
Model	**ULF 390**	**ULF 650**	**UPUL 540**	**UPUL 580**	**Cryo porter DP-80**	**MUF 40**
Item code	DAI 1412	DAI 1413	DAI 1406	DAI 1404	DAI 1420	DAI 1410
Dimensions exterior WxDxH (mm)	864x725x1962	940x843x1963	680x805x2182	680x805x2182	230x262x390	495x660x680
Net capacity (L)	388	628	450	450	–	35
Dimensions interior WxDxH (mm)	607x517x1296	745x595x1296	480x586x1470	480x586x1470	135x135x80	336x356x295
Insulation (mm)	90	90	100	100	–	100
Temperature range (°C)	-86 / -40	-86 / -40	-40 / -20	-86 / -40	-80 / 0	-80 / -40
Max. ambient temperature (°C)	32	32	20	20	25	25
Power supply (V)	230	230	230	230	12Vdc / 100-240Vac	230/110*
Frequency (Hz)	50	50	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	20	24	9	11	1,68	4,9
AMP (A)	6,0	7	1,9	3,2	0,3 / 5	1,78
Noise level (DBA)	< 51	< 51	< 55	< 55	–	< 45
Weight (KG)	254	301	154	154	10	60
Shipping weight (KG)	276	323	180	180	11	80
Shipping weight with wooden crate (KG)	321	373	254	254	–	–
Shipping dimensions WxDxH (mm)	–	–	900x750x2330	900x750x2330	370x480x520	800x600x875
Shipping dimensions with wooden box WxDxH (mm)	1125x993x2305	1115x1004x2300	990x840x2500	990x840x2500	–	–
No. of compressors.	2	2	1	1	–	1
Visual / Acoustic alarm	√	√	√	√	–	√
Power failure alarm	√	√	√	√	–	√
Adjustable high/low temperature alarm	√	√	√	√	–	√
Open door alarm	–	–	√	√	–	–
Probe failure alarm	√	√	√	√	–	√
Alarm display as text - not codes	–	–	√	√	–	–
Contact for remote alarm	√	√	√	√	–	√
Prepared for GSM alarm module	√	√	√	√	–	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours	–	48 hours (only for acoustic alarm)
Porthole for installation of PT100/CO^2 back up	√	√	√	√	–	√
Digital display	√	√	√	√	√	√
Data logger	optional	optional	√	√	–	–
RS 232 interface	–	–	√	√	–	–
RS 485 interface	–	–	√	√	–	–
USB	–	–	√	√	–	–
Defrost manual / auto	manual	manual	manual	manual	manual	manual
Castors	√	√	√	√	–	optional
Chart recorder	optional	optional	optional	optional	–	optional
Shelves (pcs) / drawers (pcs)	3 / –	3 / –	4 / – (**)	4 / – (**)	–	1 / –
Adjustable Shelves (pcs) / drawers (pcs)	3 / –	3 / –	–	–	–	1 / –
Basket (pcs)	–	–	–	–	–	–
Sub lids/door (pcs)	– / 4	– / 4	– / 5	– / 5	1 / –	–
Lighting	–	–	√	√	–	–
Lock	–	–	√	√	–	√
Inner liner material	varnished steel	varnished steel	stainless steel	stainless steel	–	stainless steel
Cabinet material	varnished steel	varnished steel	stainless steel	stainless steel	varnished steel	varnished steel
Colour (exterior)	grey	grey	stainless steel	stainless steel	grey	white
Refrigerant	Mix	Mix	R404a	EP88	–	EP88

*Optional, please contact us
** Arctiko Drawersystem available
We reserve the right to change specifications without notice.

ARC70921-06-GB

Ultra Low Temperature Chest Freezers -86°C / -40°C

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Model	ULTF 80	ULTF 220	ULTF 320	ULTF 420
Item code	DAI 0200	DAI 0213	DAI 0205	DAI 0210
Dimensions exterior WxDxH (mm)	552x648x850	920x695x885	1262x698x885	1562x698x885
Net capacity (L)	71	189	284	368
Dimensions interior WxDxH (mm)	390x390x450	760x440x635	1100x440x630	1400x440x630
Insulation (mm)	80	80	80	80
Temperature range (°C)	-86 / -40	-86 / -40	-86 / -40	-86 / -40
Max. ambient temperature (°C)	25	25	20	20
Power supply (V)	230/110*	230/110*	230/110*	230/110*
Frequency (Hz)	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	3,83	7,4	7,7	10,8
AMP (A)	3	4	4	4
Noise level (DBA)	< 55	< 55	< 55	< 55
Weight (KG)	53	64	76	88
Shipping weight (KG)	58	69	82	95
Shipping weight with wooden crate (KG)	76	104	123	142
Shipping dimensions WxDxH (mm)	800x600x1120	973x725x970	1310x800x1085	1610x800x1085
Shipping dimensions with wooden box WxDxH (mm)	665x635x1155	1018x780x1118	1355x755x1118	1655x755x1118
No. of compressors.	1	1	1	1
Visual / Acoustic alarm	√	√	√	√
Power failure alarm	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√
Open door alarm	–	–	–	–
Probe failure alarm	√	√	√	√
Alarm display as text - not codes	–	–	–	–
Contact for remote alarm	√	√	√	√
Prepared for GSM alarm module	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	48 hours	48 hours	48 hours	48 hours
Porthole for installation of PT100/CO^2 back up	√	√	√	√
Digital display	√	√	√	√
Data logger	–	–	–	–
RS 232 interface	–	–	–	–
RS 485 interface	–	–	–	–
USB	–	–	–	–
Defrost manual / auto	manual	manual	manual	manual
Castors	–	√	√	√
Chart recorder	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	–	–	–	–
Adjustable Shelves (pcs) / drawers (pcs)	–	–	–	–
Basket (pcs)	–	–	–	–
Sub lids/door (pcs)	1 / –	3 / –	3 / –	4 / –
Lighting	–	–	–	–
Lock	√	√	√	√
Inner liner material	varnished steel	varnished steel	varnished steel	varnished steel
Cabinet material	varnished steel	varnished steel	varnished steel	varnished steel
Colour (exterior)	white	white	white	white
Refrigerant	EP88	EP88	EP88	EP88

*Optional, please contact us
We reserve the right to change specifications without notice.

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Low Temperature Chest Freezers -60°C / -30°C







Model	LTF 85	LTF 225	LTF 325	LTF 425	LTF 535
Item code	DAI 0101	DAI 0126	DAI 0111	DAI 0116	DAI 0121
Dimensions exterior WxDxH (mm)	552x648x850	720x695x850	1262x698x885	1562x698x885	1662x758x890
Net capacity (L)	71	133	284	368	476
Dimensions interior WxDxH (mm)	390x390x465	560x440x650	1100x440x635	1400x440x635	1500x500x675
Insulation (mm)	80	80	80	80	80
Temperature range (°C)	-60 / -30	-60 / -30	-60 / -30	-60 / -30	-60 / -30
Max. ambient temperature (°C)	25	25	25	25	25
Power supply (V)	230	230	230/110*	230/110*	230
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	4,0	4,2	7,2	9,2	7,2
AMP (A)	3	3	4	4	4
Noise level (DBA)	<50	<50	<50	<50	<50
Weight (KG)	53	55	76	88	107
Shipping weight (KG)	58	59	82	95	122
Shipping weight with wooden crate (KG)	76	–	123	142	–
Shipping dimensions WxDxH (mm)	800x600x1120	780x725x965	1310x800x1085	1620x800x1085	1760x800x1200
Shipping dimensions with wooden box WxDxH (mm)	665x635x1155	–	1355x755x1118	1655x755x1118	–
No. of compressors.	1	1	1	1	1
Visual / Acoustic alarm	√	√	√	√	√
Power failure alarm	–	–	–	–	–
Adjustable high/low temperature alarm	√	√	√	√	√
Open door alarm	–	–	–	–	–
Probe failure alarm	√	√	√	√	√
Alarm display as text - not codes	–	–	–	–	–
Contact for remote alarm	√	√	√	√	√
Prepared for GSM alarm module	√	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	–	–	–	–	–
Porthole for installation of PT100/CO^2 back up	√	√	√	√	√
Digital display	√	√	√	√	√
Data logger	–	–	–	–	–
RS 232 interface	–	–	–	–	–
RS 485 interface	–	–	–	–	–
USB	–	–	–	–	–
Defrost manual / auto	manual	manual	manual	manual	manual
Castors	–	√	√	√	–
Chart recorder	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	–	–	–	–	–
Adjustable Shelves (pcs) / drawers (pcs)	–	–	–	–	–
Basket (pcs)	1	1	3	4	3
Sub lids/door (pcs)	–	–	–	–	–
Lighting	–	–	–	–	–
Lock	√	√	√	√	√
Inner liner material	varnished steel	varnished steel	varnished steel	varnished steel	varnished steel
Cabinet material	varnished steel	varnished steel	varnished steel	varnished steel	varnished steel
Colour (exterior)	white	white	white	white	white
Refrigerant	HC	HC	HC	HC	HC

*Arctiko Drawersystem available
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	Low Temperature Chest Freezers -45°C / -10°C				Upright Low Temp. Freezers -40°C / -10°C	
						
Model	**LTFE 140**	**LTFE 290**	**LTFE 370**	**LTFE 515**	**UPLTF 90**	**UPLTF 275**
Item code	DAI 1600	DAI 1605	DAI 1610	DAI 1615	DAI 0370	DAI 0375
Dimensions exterior WxDxH (mm)	722X698X885	1262x698x885	1562x698x885	1662x758x890	544x623x842	595x630x1760
Net capacity (L)	130	284	368	476	112	270
Dimensions interior WxDxH (mm)	560x440x635	1100x440x635	1400x440x635	1500x500x675	388x456x723	440x400x1490
Insulation (mm)	80	80	80	80	80	80
Temperature range (°C)	-45 / -10	-45 / -10	-45 / -10	-45 / -10	-40 / -10	-40 / -10
Max. ambient temperature (°C)	25	25	25	25	25	25
Power supply (V)	230	230	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Power consumption (KWH/24H)	3,2	4,2	5,1	6,67	5,4	6,1
AMP (A)	3	4	4	4	2,1	2,4
Noise level (DBA)	<50	<50	<50	<50	<50	<50
Weight (KG)	55	76	88	107	44	75
Shipping weight (KG)	59	82	95	122	–	–
Shipping weight with wooden crate (KG)	78	123	142	–	60	92
Shipping dimensions WxDxH (mm)	800x730x1085	1310x800x1085	1640x800x1085	1760x800x1200	–	–
Shipping dimensions with wooden box WxDxH (mm)	805x755x1140	1355x755x1118	1655x755x1118	–	780x700x1110	710x760x2120
No. of compressors.	1	1	1	1	1	1
Visual / Acoustic alarm	√	√	√	√	√	√
Power failure alarm	–	–	–	–	–	–
Adjustable high/low temperature alarm	√	√	√	√	√	√
Open door alarm	–	–	–	–	–	–
Probe failure alarm	√	√	√	√	√	√
Alarm display as text - not codes	–	–	–	–	–	–
Contact for remote alarm	√	√	√	√	√	√
Prepared for GSM alarm module	–	–	–	–	–	–
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	–	–	–	–	–	–
Porthole for installation of PT100/CO^2 back up	√	√	√	√	–	–
Digital display	√	√	√	√	√	√
Data logger	–	–	–	–	–	–
RS 232 interface	–	–	–	–	–	–
RS 485 interface	–	–	–	–	–	–
USB	–	–	–	–	–	–
Defrost manual / auto	manual	manual	manual	manual	manual	manual
Castors	√	√	√	–	2 small in the back	2 small in the back
Chart recorder	optional	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	–	–	–	–	– / 4	– / 7
Adjustable Shelves (pcs) / drawers (pcs)	–	–	–	–	–	–
Basket (pcs)	1	1	1	1	–	–
Sub lids/door (pcs)	–	–	–	–	–	–
Lighting	–	–	–	–	–	–
Lock	√	√	√	√	√	√
Inner liner material	varnished steel	varnished steel	varnished steel	varnished steel	ABS	ABS
Cabinet material	varnished steel	varnished steel	varnished steel	varnished steel	Varnished steel	Varnished steel
Colour (exterior)	white	white	white	white	white	white
Refrigerant	R404a	R404a	R404a	R404a	R507	R507

*Optional, please contact us
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Model	LR 300 / LR 300-ST	LF 300 / LF 300-ST	LFF 270 / LFF 270-ST	LR 500 / LR 500-ST	LF 500 / LF 500-ST
Item code	DAI 0220 / DAI 0221	DAI 0225 / DAI 0226	DAI 0235 / DAI 0236	DAI 0240 / DAI 0241	DAI 0245 / DAI 0246
Dimensions exterior WxDxH (mm)	520x700x1997	520x700x1997	520x700x1997	620x860x1997	620x860x1997
Net capacity (L)	345	345	160 / 160	515	515
Dimensions interior WxDxH (mm)	400x575x1505	400x575x1505	400x575x1505	500x685x1505	500x685x1505
Insulation (mm)	60	60	60	60	60
Temperature range (°C)	+1 / +10	-30 / -10	+1 / +10 -30 / -10	+1 / +10	-10 / -30
Max. ambient temperature (°C)	43	25	32	32	25
Power supply (V)	230/110*	230/110*	230/110*	230/110*	230/110*
Frequency (Hz)	50/60*	50/60*	50/60*	50/60*	50/60*
Power consumption (KWH/24H)	2,4	8,7	2,4 / 7,2	2,7	8,7
AMP (A)	1	1,2	1 / 1	1	1,2
Noise level (DBA)	<55	<60	<60	<55	<60
Weight (KG)	98	103	120	106	114
Shipping weight (KG)	148	148	135	177	177
Shipping weight with wooden crate (KG)	–	–	–	–	–
Shipping dimensions WxDxH (mm)	900x720x2160	900x720x2160	900x720x2160	900x750x2200	900x750x2200
Shipping dimensions with wooden box WxDxH (mm)	–	–	–	–	–
No. of compressors.	1	1	2	1	1
Visual / Acoustic alarm	√	√	√	√	√
Power failure alarm	√	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√	√
Open door alarm	√	√	√	√	√
Probe failure alarm	√	√	√	√	√
Alarm display as text - not codes	√	√	√	√	√
Contact for remote alarm	√	√	√	√	√
Prepared for GSM alarm module	√	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–	–	–	–
Digital display	√	√	√	√	√
Data logger	√	√	√	√	√
RS 232 interface	√	√	√	√	√
RS 485 interface	√	√	√	√	√
USB	√	√	√	√	√
Defrost manual / auto	√	√	√	√	√
Castors	√	√	√	√	√
Chart recorder	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	3 / –	3 / –	4 / –	3 / –	3 / –
Adjustable Shelves (pcs) / drawers (pcs)	3 / –	3 / –	4 / –	3 / –	3 / –
Basket (pcs)	–	–	–	–	–
Sub lids/door (pcs)	–	–	–	–	–
Lighting	–	–	–	–	–
Lock	√	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel
Colour (exterior)	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel
Refrigerant	R134a	R404a	R134a / R404a	R134a	R404a

*Optional, please contact us
We reserve the right to change specifications wihout notice.

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Laboratory Refrigerators and Freezers -30°C / +10°C



Model	LR 700 / LR 700-ST	LF 700 / LF 700-ST	LFF 660 / LFF 660-ST	LR 1400 / LR 1400-ST	LF 1400 / LF 1400-ST
Item code	DAI 0250 / DAI 0251	DAI 0255 / DAI 0256	DAI 0265 / DAI 0266	DAI 0270 / DAI 0271	DAI 0275 / DAI 0276
Dimensions exterior WxDxH (mm)	720x860x1997	720x860x1997	720x860x1997	1440x860x1997	1440x860x1997
Net capacity (L)	615	615	290 / 290	1240	1240
Dimensions interior WxDxH (mm)	600x685x1505	600x685x1505	600x685x1505	1320x685x1505	1320x685x1505
Insulation (mm)	60	60	60	60	60
Temperature range (°C)	+1 / +10	-30 / -20	+1 / +10 -30 / -10	+1 / +10	-30 / -10
Max. ambient temperature (°C)	43	25	32	43	25
Power supply (V)	230/110*	230/110*	230/110*	230/110*	230/110*
Frequency (Hz)	50/60*	50/60*	50/60*	50/60*	50/60*
Power consumption (KWH/24H)	2,95	12,9	2,6 / 7,9	3,07	15,1
AMP (A)	1,6	4,7	1,6 / 4,7	2	4,8
Noise level (DBA)	<55	<60	<60	<55	<60
Weight (KG)	117	121	151	178	188
Shipping weight (KG)	183	183	163	229	229
Shipping weight with wooden crate (KG)	–	–	–	–	–
Shipping dimensions WxDxH (mm)	990x840x2200	990x840x2200	990x840x2200	1570x950x2220	1570x950x2200
Shipping dimensions with wooden box WxDxH (mm)	–	–	–	–	–
No. of compressors.	1	1	2	1	1
Visual / Acoustic alarm	√	√	√	√	√
Power failure alarm	√	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√	√
Open door alarm	√	√	√	√	√
Probe failure alarm	√	√	√	√	√
Alarm display as text - not codes	√	√	√	√	√
Contact for remote alarm	√	√	√	√	√
Prepared for GSM alarm module	√	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–	–	–	–
Digital display	√	√	√	√	√
Data logger	√	√	√	√	√
RS 232 interface	√	√	√	√	√
RS 485 interface	√	√	√	√	√
USB	√	√	√	√	√
Defrost manual / auto	√	√	√	√	√
Castors	√	√	√	√	√
Chart recorder	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	3 / –	3 / –	4 / –	6 / –	6 / –
Adjustable Shelves (pcs) / drawers (pcs)	3 / –	3 / –	4 / –	6 / –	6 / –
Basket (pcs)	–	–	–	–	–
Sub lids/door (pcs)	–	–	–	–	–
Lighting	–	–	–	–	–
Lock	√	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel
Colour (exterior)	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel
Refrigerant	R134a	R404a	R134a / R404a	R134a	R404a

*Optional, please contact us
We reserve the right to change specifications without notice.

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Laboratory / Pharmaceutical Refrigerators and Freezers
-26°C / +15°C

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Model	LR 170	LF 140	PR 170	LAR 70	PHR 70
Item code	DAI 0550	DAI 0560	DAI 0590	DAI 0670	DAI 0675
Dimensions exterior WxDxH (mm)	595x640x830	595x640x830	595x640x830	500x490x640	500x490x640
Net capacity (L)	104	104	104	68	68
Dimensions interior WxDxH (mm)	461x439x613	461x439x613	461x439x613	425x351x510	425x351x314
Insulation (mm)	67	67	67	35	35
Temperature range (°C)	+2 / +15	-26 / -10	+2 / +15	+2 / +8	+2 / +8
Max. ambient temperature (°C)	35	35	35	32	32
Power supply (V)	230/110**	230/110**	230/110**	220	220
Frequency (Hz)	50/60*	50/60*	50/60*	50	50
Power consumption (KWH/24H)	0,6	1,1	2,2	0,93	0,93
AMP (A)	0,8	1,1	1	1,65	1,65
Noise level (DBA)	<50	<50	<50	<55	<55
Weight (KG)	41	41	41	38	38
Shipping weight (KG)	52	52	52	40	40
Shipping weight with wooden crate (KG)	–	–	–	65	65
Shipping dimensions WxDxH (mm)	610x800x1000	610x800x1000	610x800x1000	534x630x714	534x630x714
Shipping dimensions with wooden box WxDxH (mm)	–	–	–	584x680x894	584x680x894
No. of compressors.	1	1	1	1	1
Visual / Acoustic alarm	√	√	√	√	√
Power failure alarm	√***	√***	√***	–	–
Adjustable high/low temperature alarm	√	√	√	√	√
Open door alarm	√	√	√	√	√
Probe failure alarm	–	–	–	√	√
Alarm display as text - not codes	–	–	–	–	–
Contact for remote alarm	√	√	√	–	–
Prepared for GSM alarm module	–	–	–	–	–
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	–	–	–	–	–
Porthole for installation of PT100/CO^2 back up	√	√	√	–	–
Digital display	√	√	√	√	√
Data logger	–	–	–	–	–
RS 232 interface	–	–	–	–	–
RS 485 interface	–	–	–	–	–
USB	–	–	–	–	–
Defrost manual / auto	√	√	√	manual	manual
Castors	2 small in the back	2 small in the back	2 small in the back	–	–
Chart recorder	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	3 / –	3 / –	3 / –	2 / –	2 / –
Adjustable Shelves (pcs) / drawers (pcs)	2 / –	2 / –	2 / –	2 / –	2 / –
Basket (pcs)	–	–	–	1	1
Sub lids/door (pcs)	–	–	–	–	–
Lighting	–	–	√	√	√
Lock	√	√	√	√	√
Inner liner material	white ABS	white ABS	white ABS	Powder painted steel	Powder painted steel
Cabinet material	varnished steel	varnished steel	varnished steel	Powder painted steel	Powder painted steel
Colour (exterior)	white	white	white	white	white
Refrigerant	R134a	R134a	R134a	R600a	R600a

*Optional, please contact us
**110V Option is an external tranformer
***Power failure alarm only via contact for remote alarm
We reserve the right to change specifications without notice.

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Pharmaceutical Refrigerators and Freezers -23°C / +10°C








Model	PR 300 / PR 300-ST	PF 300 / PF 300-ST	PR 500 / PR 500-ST	PF 500 / PF 500-ST	PR 700 / PR 700-ST	PF 700 / PF 700-ST
Item code	DAI 0885 / DAI 0886	DAI 0890 / DAI 0891	DAI 0850 / DAI 0851	DAI 0857 / DAI 0856	DAI 0860 / DAI 0861	DAI 0865 / DAI 0866
Dimensions exterior WxDxH (mm)	520x750x1997	520x750x1997	620x860x1997	620x860x1997	720x860x1997	720x860x1997
Net capacity (L)	300	300	525	525	630	630
Dimensions interior WxDxH (mm)	400x585x1505	400x585x1505	500x695x1505	500x695x1505	600x695x1505	600x695x1505
Insulation (mm)	60	60	60	60	60	60
Temperature range (°C)	+1 / +10	-23 / -10	+1 / +10	-23 / -10	+1 / +10	-23 / -10
Max. ambient temperature (°C)	43	25	32	32	32	32
Power supply (V)	230/110*	230/110*	230/110*	230/110*	230/110*	230/110*
Frequency (Hz)	50/60*	50/60*	50/60*	50/60*	50/60*	50/60*
Power consumption (KWH/24H)	2,4	8,7	3,53	10,1	5,7	13,8
AMP (A)	3,29	3,29	1,2	1,3	1,8	5,2
Noise level (DBA)	<50	<55	<55	<60	<55	<60
Weight (KG)	98	103	105	110	112	121
Shipping weight (KG)	110	115	156	156	122	133
Shipping weight with wooden crate (KG)	–	–	–	–	–	–
Shipping dimensions WxDxH (mm)	570x800x2200	570x800x2200	900x750x2200	900x750x2200	990x840x2200	990x840x2200
Shipping dimensions with wooden box WxDxH (mm)	–	–	–	–	–	–
No. of compressors.	1	1	1	1	1	1
Visual / Acoustic alarm	√	√	√	√	√	√
Power failure alarm	√	√	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√	√	√
Open door alarm	√	√	√	√	√	√
Probe failure alarm	√	√	√	√	√	√
Alarm display as text - not codes	√	√	√	√	√	√
Contact for remote alarm	√	√	√	√	√	√
Prepared for GSM alarm module	√	√	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–	–	–	–	–
Digital display	√	√	√	√	√	√
Data logger	√	√	√	√	√	√
RS 232 interface	√	√	√	√	√	√
RS 485 interface	√	√	√	√	√	√
USB	√	√	√	√	√	√
Defrost manual / auto	√	√	√	√	√	√
Castors	√	√	√	√	√	√
Chart recorder	optional	optional	optional	optional	optional	optional
Shelves (pcs) / drawers (pcs)	3 / optional	3 / optional	3 / optional	3 / optional	3 / optional	3 / optional
Adjustable Shelves (pcs) / drawers (pcs)	3 / optional	3 / optional	3 / optional	3 / optional	3 / optional	3 / optional
Basket (pcs)	–	–	–	–	–	–
Sub lids/door (pcs)	–	–	–	–	–	–
Lighting	√	√	√	√	√	√
Lock	√	√	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel / stainless steel
Colour (exterior)	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel	white / stainless steel
Refrigerant	R134a	R404a	R134a	R404a	R134a	R404a

*Optional, please contact us
We reserve the right to change specifications without notice.

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	Pharmaceutical Refrigerator and Freezer -23°C / + 10°C		Pharmacy Refrigerator +2°C / +14°C
			
Model	**PR 1400 / PR 1400-ST**	**PF 1400 / PF 1400-ST**	**PR 360**
Item code	DAI 0870 / DAI 0871	DAI 0875 / DAI 0876	DAI 0600
Dimensions exterior WxDxH (mm)	1440x860x1997	1440x860x1997	600x595x2000
Net capacity (L)	1255	1255	351
Dimensions interior WxDxH (mm)	1320x695x1505	1320x695x1505	518x422x1587
Insulation (mm)	60	60	40
Temperature range (°C)	+1 / +10	-23 / -10	+2 / +14
Max. ambient temperature (°C)	32	32	32
Power supply (V)	230/110*	230/110*	230
Frequency (Hz)	50/60*	50/60*	50/60
Power consumption (KWH/24H)	8,13	15,1	2,29
AMP (A)	3,2	5,2	2,5
Noise level (DBA)	<55	<60	<55
Weight (KG)	178	188	86
Shipping weight (KG)	280	290	90
Shipping weight with wooden crate (KG)	–	–	–
Shipping dimensions WxDxH (mm)	1570x950x2200	1570x950x2200	636x800x2195
Shipping dimensions with wooden box WxDxH (mm)	–	–	–
No. of compressors.	1	1	1
Visual / Acoustic alarm	√	√	√
Power failure alarm	√	√	√
Adjustable high/low temperature alarm	√	√	√
Open door alarm	√	√	√
Probe failure alarm	√	√	√
Alarm display as text - not codes	√	√	√
Contact for remote alarm	√	√	√
Prepared for GSM alarm module	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–	–
Digital display	√	√	√
Data logger	√	√	√
RS 232 interface	√	√	–
RS 485 interface	√	√	√
USB	√	√	√
Defrost manual / auto	√	√	√
Castors	√	√	2 small in the back
Chart recorder	optional	optional	–
Shelves (pcs) / drawers (pcs)	6 / optional	6 / optional	5 and 1 small / –
Adjustable Shelves (pcs) / drawers (pcs)	6 / optional	6 / optional	5 / –
Basket (pcs)	–	–	–
Sub lids/door (pcs)	–	–	–
Lighting	√	√	√
Lock	√	√	√
Inner liner material	stainless steel	stainless steel	white ABS
Cabinet material	varnished steel / stainless steel	varnished steel / stainless steel	varnished steel
Colour (exterior)	white / stainless steel	white / stainless steel	white
Refrigerant	R134a	R404a	R134a

*Optional, please contact us
We reserve the right to change specifications without notice.

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Refrigerators +4°C







Model	BBR 100	BBR 300	BBR 500	BBR 700	BBR 1400
Item code	DAI 0770	DAI 0775	DAI 0735	DAI 0740	DAI 0745
Dimensions exterior WxDxH (mm)	610x645x810	520x700x1997	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	100	345	525	630	1255
Dimensions interior WxDxH (mm)	490x470x434	400x575x1505	500x695x1505	600x695x1505	1320x695x1505
Insulation (mm)	50	60	60	60	60
Temperature range (°C)	+4	+4	+4	+4	+4
Max. ambient temperature (°C)	32	32	32	32	32
Power supply (V)	230/110*	230/110*	230/110*	230/110*	230/110*
Frequency (Hz)	50/60	50/60	50/60*	50/60*	50/60*
Power consumption (KWH/24H)	2,9	3,1	3,53	5,7	8,13
AMP (A)	1,2	1,3	1,3	1,8	3,2
Noise level (DBA)	<55	<55	<55	<55	<55
Weight (KG)	70	106	105	112	178
Shipping weight (KG)	85	151	115	122	195
Shipping weight with wooden crate (KG)	–	–	–	–	–
Shipping dimensions WxDxH (mm)	670x700x1050	880x720x2160	700x880x2200	800x900x2200	1540x900x2200
Shipping dimensions with wooden box WxDxH (mm)	–	–	–	–	–
No. of compressors.	1	1	1	1	1
Visual / Acoustic alarm	√	√	√	√	√
Power failure alarm	√	√	√	√	√
Adjustable high/low temperature alarm	√	√	√	√	√
Open door alarm	√	√	√	√	√
Probe failure alarm	√	√	√	√	√
Alarm display as text - not codes	√	√	√	√	√
Contact for remote alarm	√	√	√	√	√
Prepared for GSM alarm module	√	√	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–	–	–	–
Digital display	√	√	√	√	√
Data logger	√	√	√	√	√
RS 232 interface	√	√	√	√	√
RS 485 interface	√	√	√	√	√
USB	√	√	√	√	√
Defrost manual / auto	√	√	√	√	√
Castors	2 small in the back	√	√	√	√
Chart recorder	√	√	√	√	√
Shelves (pcs) / drawers (pcs)	– / 2	– / 5	– / 5	– / 5	– / 10
Adjustable Shelves (pcs) / drawers (pcs)	– / 2	– / 5	– / 5	– / 5	– / 10
Basket (pcs)	–	–	–	–	–
Sub lids/door (pcs)	–	–	–	–	–
Lighting	√	√	√	√	√
Lock	√	√	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel	varnished steel	varnished steel	varnished steel	varnished steel
Colour (exterior)	white	white	white	white	white
Refrigerant	R134a	R134a	R134a	R134a	R134a

*Optional, please contact us
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Refrigerators +4°C





Model	BBR 500-D	BBR 700-D	BBR 1400-D
Item code	DAI 0780	DAI 0785	DAI 0790
Dimensions exterior WxDxH (mm)	620x860x1997	720x860x1997	1440x860x1997
Net capacity (L)	525	630	1255
Dimensions interior WxDxH (mm)	500x695x1505	600x695x1505	1320x695x1505
Insulation (mm)	60	60	60
Temperature range (°C)	+4	+4	+4
Max. ambient temperature (°C)	32	32	32
Power supply (V)	230/110*	230/110*	230/110*
Frequency (Hz)	50/60*	50/60*	50/60*
Power consumption (KWH/24H)	3,53	5,7	8,13
AMP (A)	1,3	1,8	3,2
Noise level (DBA)	<55	<55	<55
Weight (KG)	130	137	203
Shipping weight (KG)	140	147	220
Shipping weight with wooden crate (KG)	–	–	–
Shipping dimensions WxDxH (mm)	700x880x2200	800x900x2200	1540x900x2200
Shipping dimensions with wooden box WxDxH (mm)	–	–	–
No. of compressors.	2	2	2
Visual / Acoustic alarm	√	√	√
Power failure alarm	√	√	√
Adjustable high/low temperature alarm	√	√	√
Open door alarm	√	√	√
Probe failure alarm	√	√	√
Alarm display as text - not codes	√	√	√
Contact for remote alarm	√	√	√
Prepared for GSM alarm module	√	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–	–
Digital display	√	√	√
Data logger	√	√	√
RS 232 interface	√	√	√
RS 485 interface	√	√	√
USB	√	√	√
Defrost manual / auto	√	√	√
Castors	√	√	√
Chart recorder	√	√	√
Shelves (pcs) / drawers (pcs)	– / 5	– / 5	– / 10
Adjustable Shelves (pcs) / drawers (pcs)	– / 5	– / 5	– / 10
Basket (pcs)	–	–	–
Sub lids/door (pcs)	–	–	–
Lighting	√	√	√
Lock	√	√	√
Inner liner material	stainless steel	stainless steel	stainless steel
Cabinet material	varnished steel	varnished steel	varnished steel
Colour (exterior)	white	white	white
Refrigerant	R134a	R134a	R134a

*Optional, please contact us
**Can be changed as 220V 50/60Hz (1 Phase)
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Cryo Freezer
-164°C / -120°C





Model	ULTF 1400	ULTF 1500
Item code	DAI 0193	DAI 0194
Dimensions exterior WxDxH (mm)	1590x890x1150	2085x890x1009
Net capacity (L)	128	258
Dimensions interior WxDxH (mm)	600x370x550	1140x410x550
Insulation (mm)	130	130
Temperature range (°C)	-164 / -120	-152 / -110
Max. ambient temperature (°C)	32	32
Power supply (V)	380 (3 Phases)**	380 (3 Phases)**
Frequency (Hz)	50*	50*
Power consumption (KWH/24H)	–	–
AMP (A)	16	16
Noise level (DBA)	<75	<75
Weight (KG)	220	330
Shipping weight (KG)	–	–
Shipping weight with wooden crate (KG)	240	350
Shipping dimensions WxDxH (mm)	–	–
Shipping dimensions with wooden box WxDxH (mm)	1730x980x1245	2250x980x1265
No. of compressors.	1	1
Visual / Acoustic alarm	√	√
Power failure alarm	√	√
Adjustable high/low temperature alarm	√	√
Open door alarm	√	√
Probe failure alarm	√	√
Alarm display as text - not codes	–	–
Contact for remote alarm	–	–
Prepared for GSM alarm module	–	–
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	72 hours	72 hours
Porthole for installation of PT100/CO^2 back up	–	–
Digital display	√	√
Data logger	√	√
RS 232 interface	–	–
RS 485 interface	–	–
USB	–	–
Defrost manual / auto	manual	manual
Castors	4	4
Chart recorder	–	–
Shelves (pcs) / drawers (pcs)	–	–
Adjustable Shelves (pcs) / drawers (pcs)	–	–
Basket (pcs)	–	–
Sub lids/door (pcs)	2	3
Lighting	–	–
Lock	√	√
Inner liner material	stainless steel	stainless steel
Cabinet material	painted steel	painted steel
Colour (exterior)	beige	beige
Refrigerant	Mix	Mix

*Optional, please contact us
**Can be changed as 220V 50/60Hz (1 Phase)
We reserve the right to change specifications without notice.

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References

Laboratories

State Serum Institute, Copenhagen, Denmark · Max Planck Institute, Heidelberg, Germany · Laboratory SZU, Prague, Czech Republic · Biotest, Pardubice, Czech Republic · FNKV, Prague, Czech Republic · Vidia, Prague, Czech Republic · Endokrinologie, Prague, Czech Republic · FN Brno, Czech Republic · National Cancer Cell Research Institute, Japan · National Institute for Environmental · Studies, Japan · National Institute of Health Sciences, Japan · National Institute of Neuroscience, Japan · Research Institute International Medical Centre of, Japan · National Institute of Infection, J
Fisher

Hospitals

Roskilde Hospital, Denmark · Copenhagen Hospital, Denmark · Atatürk University Hospital, Turkey · Tokyo University Hospital, Japan · Hospital NsP Na Homolce, Prague, Czech Republic · Sharite Medical Hospital, University of Berlin, Germany · University Hospital Center of Annaba, Algeria · University Hospital Center of Tlemecen, Algeria

Universities

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Institutes

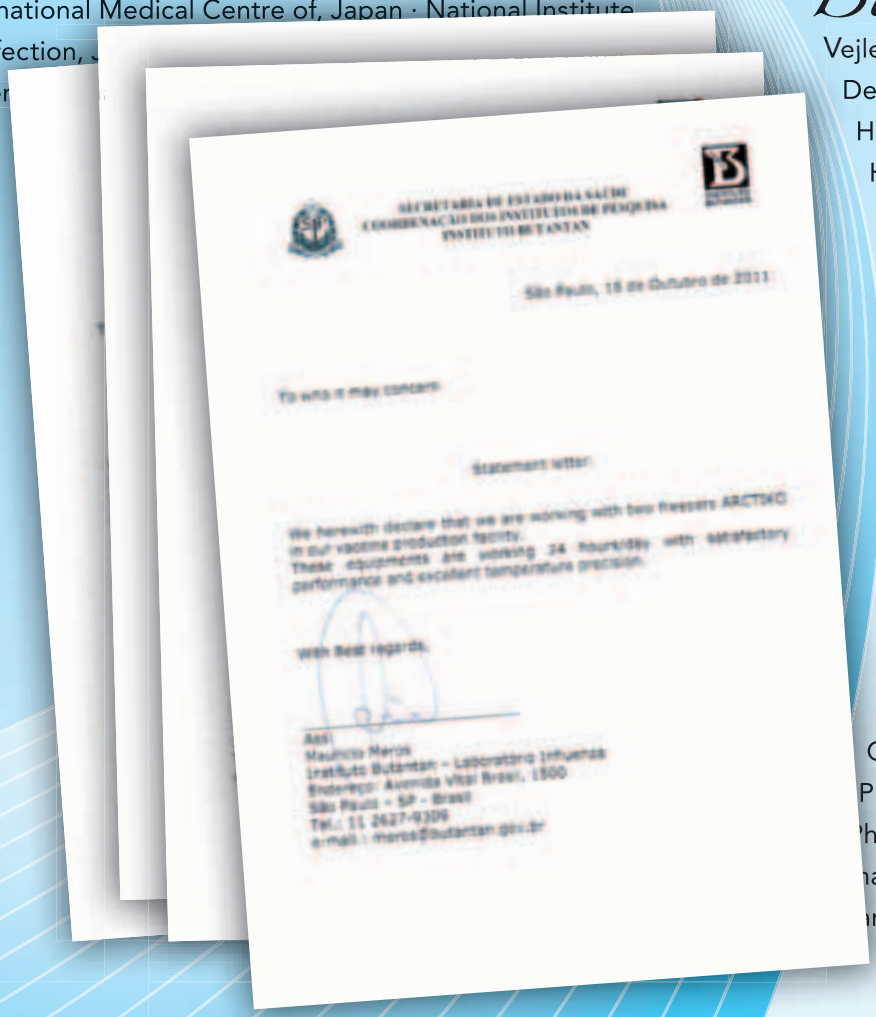
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Biomedical Sector

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Lammefjordsvej 5
DK-6715 Esbjerg N
Denmark
Tel. +45 7020 0328
Fax. +45 7020 0329
info@arctiko.com
www.arctiko.com

www.gte.dk - 120107

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