

SAFE LONG-TERM STORAGE OF SAMPLES

-86°C

WE CARE ABOUT YOUR SAMPLES AND THE ENVIRONMENT

Therefore, we have created the most innovative and sophisticated solutions for your samples with our range of ultra-low temperature freezers. The family range has been expanded to a total of 20 different models and sizes from a capacity of only 7 litres up to 826 litres to cover your exact need for storage capacity. We can supply exactly what you need in capacity, not more not less, because we also care about the environment. Although we already offer units with the lowest energy consumption worldwide, we can now also give you a wide choice in size to avoid you having an ultra-low temperature freezer of which you only use 20-30% capacity with the rest a waste of energy and an increase in your environmental footprint.

Famous worldwide, the Arctiko single compressor system gives you additional savings in energy and space. Here at Arctiko we are pleased to see more manufacturers use single compressor systems in their -86°C ULT manufacturing. This only shows that Arctiko was right all along about using the single compressor versus cascade system for all the obvious benefits such as energy savings, simple and easy service and lower noise level.

All our -86°C ULT freezers have inner doors to protect against heat entering each compartment. This feature also makes it easier for users to share a freezer with colleagues without interfering with each other's compartments.

All these points have impact on the cost of ownership, which is why with our extended ULUF range, Arctiko is without doubt the leading innovative manufacturer of -86° ULT freezers worldwide.

We care about your samples and their security, which is why all the products in our ULUF and ULTF range have our advanced high-end controller. The controller provides all the features needed for a professional ULT freezer, such as data logger with 30+ years of memory, different interfaces, different password levels, many alarm features, and 72-hour battery backup.

With Arctiko, you get more than required in terms of security, logging, and alarm features. Simply because we care about your valuable samples.

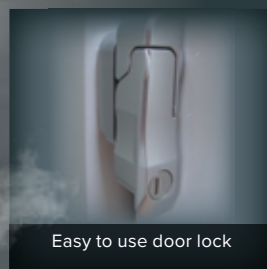
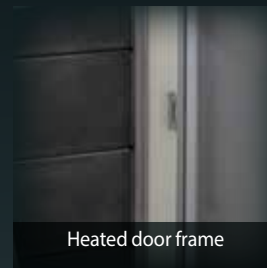


STANDARD FEATURES:

- ➔ Single compressor technology
- ➔ Direct cooling for higher temperature uniformity
- ➔ Excellent temperature stability
- ➔ Filterless construction
- ➔ Low energy consumption
- ➔ Low noise level
- ➔ Low heat dissipation
- ➔ Insulated inner doors
- ➔ Ergonomical correct height of cabinets
- ➔ Heated door frame for easy door opening
- ➔ Controller with various language settings
- ➔ Heated vacuum valve
- ➔ Key lock on door
- ➔ 100 % HCFC / CFC free
- ➔ Castors

SINGLE
COMPRESSOR
TECHNOLOGY





MODEL	ULUF 15	ULUF 65
Item code (white exterior)	DAI 1390	DAI 1418
Dimensions exterior W×D×H (mm)	400×630×665	600×700×810
Net. Capacity (L)	7	54
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, availability and errors.

-86°C

BENCH TOP & UNDER COUNTER FREEZERS

We are passionate about the products in our ULUF -86°C range that offer the best in ultra-low temperature freezing. Once again, we have set new standards with the most user-friendly controller on the market. All features such as alarms and data logging functions are always included as standard. Models in the range starting from a volume of 7 litres all the way up to 826 litres. The ULUF range is now also available with an exterior height of only two meters to facilitate the installation. The ULUF -86°C series is produced with the true and original single compressor technology and offers the greatest temperature stability worldwide!

FEATURES ON ULUF -86°C RANGE

- ARCTIKO Controller G214
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes (Ø 12mm)
- Filterless construction



ULUF 15



ULUF 65



ULUF 125

UPRIGHT FREEZERS



ULUF 450



ULUF 550



ULUF 850

MODEL	ULUF 125	ULUF 450	ULUF 450-2M	ULUF 550	ULUF 550-2M	ULUF 750	ULUF 750-2M	ULUF 850	ULUF 850-2M
Item code (white exterior)	DAI 1417	DAI 1408	DAI 1414	DAI 1375	DAI 1377	DAI 1416	DAI 1383	DAI 1411	DAI 1403
Dimensions exterior W×D×H (mm)	950×725×810	720×885×2089	720×885×1990	920×885×2089	920×885×1990	1030×885×2089	1030×885×1990	1492×885×2089	1492×885×1990
Net. Capacity (L)	94	413	393	585	556	680	642	413/413	393/393
Temperature range (°C)	-86/-40	-86/-40	-86/-40	-86/-40	-86/-40	-86/-40	-86/-40	-86/-40	-86/-40
Power supply (V)	230	230	230	230	230	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60

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ULTRA LOW TEMPERATURE UPRIGHT FREEZERS DOUBLE SECURITY

-90°C

-90°C DUAL REFRIGERATION SYSTEM

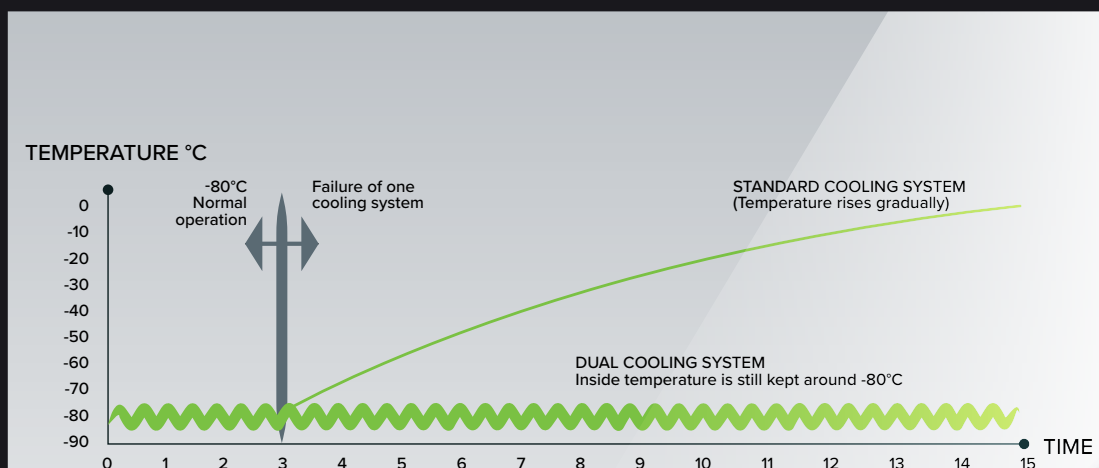
No other manufacturer can touch the performance of the Arctiko -90°C ULUF range of dual refrigeration system freezers providing the utmost security within -86°C ULT freezers worldwide. Not only is pull-down time less than three hours, but extra security measures have been incorporated.

Thanks to the superior single compressor system used in the entire Arctiko ULUF range, in the event of any failure with one of the refrigeration systems, the other system will still maintain the temperature at -86°C. Thus your samples will not be affected by any challenge caused by an unexpected failure until service is provided.

IF YOU ADD THE OPTIONAL CO2 BACK-UP SYSTEM, **YOU WILL HAVE THE SAFEST ULT FREEZER IN THE WORLD!**

In addition to all these safety features, the Arctiko controller offers integrated data logger with memory for 30+ years and different interfaces with several different alarms to ensure that your requirements for documentation and safety regulations are fulfilled to the maximum. Even though the DIN norm only requires a 12-hour back-up battery for the controller, Arctiko has raised the bar by offering a 72-hour back-up battery as standard.

When you choose an Arctiko product, you get more than required from security, logging, and alarm features because we care about your valuable samples.



The dual refrigeration -90°C ULUF range has many storage applications, such as for tissue, bone marrow, cord blood, specimens, stem cells and sperm.



Single compressor technology
(Filterless construction)



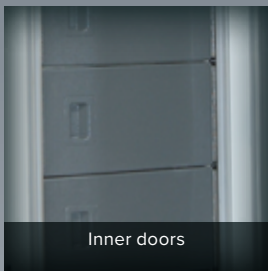
Arctiko G214 Controller
Read page 4-5



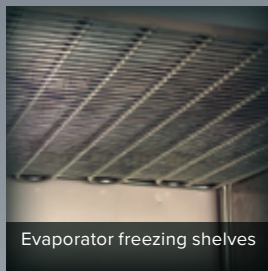
LED lights



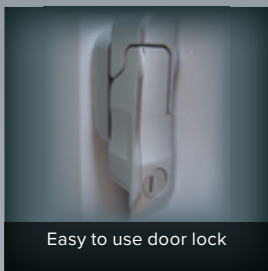
Heated door frame



Inner doors



Evaporator freezing shelves



Easy to use door lock



Racks and boxes (optional)

FEATURES ON ULUF 490/590/890

- Dual refrigeration system
- ARCTIKO Controller G214
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors
- Door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free
- Porthole for external temperature probes (Ø 12mm)
- Filterless construction



ULUF 490



ULUF 890



MODEL	ULUF 490	ULUF 590-2M	ULUF 890
Item code (white exterior)	DAI 1405	DAI 1378	DAI 1415
Dimensions exterior WxDxH (mm)	720x885x2089	920x885x1990	1492x885x2089
Capacity (L)	393	556	393/393
Temperature range (°C)	-90/-40	-90/-40	-90/-40
Power supply (V)	230	230	230
Frequency (Hz)	50/60	50/60	50/60

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