

## ULUF SERIES

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Door key lock
- Ergonomic loading
- Heated door frame
- 100% HCFC/CFC free

## ALL STANDARD FEATURES

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Prepared for GSM alarm
- Prepared for connection of 2 additional probes
- Auto cycle in case of probe failure
- Ambient temperature display
- Direct download of logged data on USB memory stick
- Direct upload of new software via USB memory stick
- 3-level password protected
- Battery level indication
- Display text available in different languages
- Temperature graph
- Integrated data logger
- RS485/RS232 interface
- Integrated memory for 20 years
- 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
- Shows all alarms

# ULUF 800

The ULUF -40°C range are products of our passion, striving after excellence when we offer the best in low temperature freezing. Once again, we set new standards with the most user friendly controller in the market. All features such as alarms and data logging functions are always included as standard. The Arctiko ULUF -40°C range offers the highest temperature stability world wide!

- 40 °C

AVAILABLE IN  
STAINLESS STEEL



Battery backup - 72 hours



Integrated data logger with memory



RS485/RS232 interface



On/off protection



| MODEL                          | ULUF 800      |
|--------------------------------|---------------|
| Item code                      | DAI 1409      |
| Dimensions exterior WxDxH (mm) | 1492x885x2089 |
| Capacity (L)                   | 826           |
| Temperature range (°C)         | -40 / -20     |
| Power supply (V)               | 230           |
| Frequency (Hz)                 | 50/60         |

# ARCTIKO

The art of simplicity®

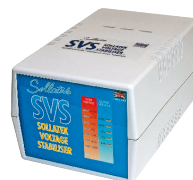
# Technical specifications

|   |                                     |
|---|-------------------------------------|
| Item code   | DAI 1409                            |
| Dimensions exterior WxDxH (mm)  | 1492x885x2089                       |
| Capacity (L)  | 826                                 |
| Dimensions interior WxDxH (mm)  | 2x(480x608x1415)                    |
| Insulation (mm)   | 120                                 |
| Temperature range (°C)  | -40 / -20                           |
| Max. ambient temperature (°C)   | 25                                  |
| Power supply (V)  | 230                                 |
| Frequency (Hz)  | 50/60                               |
| Power consumption (KWH/24H)   | 2x 9                                |
| Current (A)   | 2x 1,9                              |
| Weight (KG)   | 376                                 |
| Shipping weight (KG)  | -                                   |
| Shipping weight with wooden packaging (KG)  | 560                                 |
| Shipping dimensions WxDxH (mm)  | -                                   |
| Shipping dimensions with wooden packaging WxDxH (mm)  | 1580x940x2260                       |
| No. of compressors  | 2                                   |
| Visual / acoustic alarm   | Yes                                 |
| Power failure alarm   | Yes                                 |
| Adjustable high/low temperature alarm   | Yes                                 |
| Open door alarm   | Yes                                 |
| Probe failure alarm   | Yes                                 |
| Alarm display as text - not codes   | Yes                                 |
| Contact for remote alarm  | Yes                                 |
| Prepared for GSM alarm module   | Yes                                 |
| Approx. hrs of battery back up for alarms and temperature display in the event of power cut | 72 hours                            |
| Porthole for installation of PT100/CO <sub>2</sub> back up                                  | Yes                                 |
| Digital display   | Yes                                 |
| Data logger   | Yes                                 |
| RS 232 interface  | Yes                                 |
| RS 485 interface  | Yes                                 |
| USB up/down load  | Yes                                 |
| Defrost manual / auto   | Manual                              |
| Castors   | No                                  |
| Chart recorder  | Optional                            |
| Shelves (pcs)   | 8 / *                               |
| Baskets (pcs)   | No                                  |
| Sub doors (pcs)   | 10                                  |
| Lighting  | Yes                                 |
| Lock  | Yes                                 |
| Inner liner material  | Stainless steel                     |
| Cabinet material  | Varnished steel / stainless steel * |
| Colour (exterior)   | White / stainless steel *           |
| Refrigerant   | R404a                               |

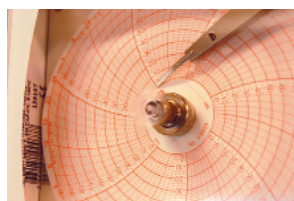
# Optional



**1** The GSM alarm module sends a SMS message to one or several coded telephone numbers in case the temperature exceeds a fixed range.



**2** SVS voltage stabilizers for excellent output voltage stability in case the voltage rises or drops.



**3** Chart recorder for documentation of the temperature condition over a certain period of time.



**4** CO<sub>2</sub> back up system ensures optimized safety.



**5** Our multi purpose drawer system offers a great way to keep your samples in order.



**6** Cryo gloves protect your hands and prevent frost bites when handling samples which are stored at down to -160 °C.



\* Optional, please contact us

We reserve the right to change specifications without notice and subject to errors.



CO<sub>2</sub>CARE



[www.arctiko.com](http://www.arctiko.com)

[www.co2care.eu](http://www.co2care.eu)