ULUF SERIES

- Dual refrigeration system
- Insulated inner doors
- Castors
- Lock on door
- Ergonomic loading

- Direct cooling for higer temperature uniformity
- Greatest temperature stability worldwide
- Fast pull down time, reaching -90°C in 3 hours
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free

ULUF 490!&A
Dual refrigeration

Arctiko is proud to pre sent the true dual refrigeration system. By inst alling two seperate cooling systems, this range adds a new dimension to your security. In t he unlikely event that one system should fail , the freezer will still maintain -86°C until the problem is solved.

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 o new sotware 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 30 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

- 90 °C

AVAILABLE IN STAINLESS STEEL

Advanced Arctiko controller

GMS alarm module for optimal safety (optional)

Battery backup - 72 hours ←

Integrated data logger with memory ←

RS485/RS232 interface ←

On/off protection ←

MODEL	ULUF 490-2M
Item code	DAI 1381
Dimensions exterior WxDxH (mm)	720 x 885 x 1989
Capacity (L)	393
Temperature range (ºC)	-90 / -40
Power supply (V)	230
Frequency (Hz)	50/60

ARCTIKO
The art of simplicity®

Technical specifications

Item code	DAI 1%#
Dimensions exterior WxDxH (mm)	720 x 885 x #+89
Capacity (L)	393
Dimensions interior WxDxH (mm)	480 x 608 x #%&'
Insulation (mm)	120
Temperature range (ºC)	-90 / -40
Max. ambient temperature (ºC)	25
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	14,36
AMP(A)	3,8
Noise level (DBA)	< 55
Weight (KG)	220
Shipping weight (KG)	253
Shipping weight with wooden packaging (KG)	-
Shipping dimensions WxDxH (mm)	880 x980 x2250
Shipping dimensions with wooden packaging WxDxH (mm)	-
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_2 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	Yes
Chart recorder	Optional
Shelves (pcs) / drawers (pcs)	4 / - (*)
Adjustable shelves (psc) / drawers (pcs)	No
Baskets (pcs)	No
Sub doors (pcs)	5
Lighting	Yes
Lock	Yes
Inner liner material	Stainless steel
Cabinet material	Varnished steel / stainless steel *
Colour (exterior)	White / stainless steel *
Refrigerant	EP88

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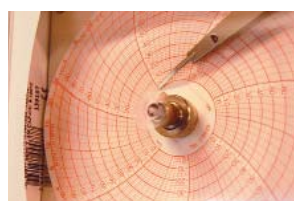
Optional

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_2 back up system ensures optimized safety.

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

CO₂CARE

www.arctiko.com
www.co2care.eu