ULUF SERIES

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

ULUF 450-2M

The ULUF -86°C range are products of our passion, striving after excellence when we offer the best in ultra 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. This range consists of 9 different models starting from a volume of 7 L. up to 826 L. To facilitate the installation of your freezer, the ULUF 450 and ULUF 850 are now also available with an exterior height of only 2 meters. The ULUF -86°C series is produced with the true and original single compressor technology.

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 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

- 86 °C

Battery backup - 72 hours

Integrated data logger with memory

RS485/RS232 interface

On/off protection

MODEL	ULUF 450-2M
Item code	DAI 1414
Dimensions exterior WxDxH (mm)	720x885x1990 (35"x28"x78")
Capacity (L)	393
Temperature range (°C)	-86 / -40
Power supply (V)	120V
Frequency (Hz)	50/60

ARCTIKO

The art of simplicity®

Technical specifications

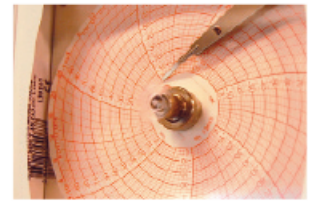
Item code	DAI 1414
Dimensions exterior WxDxH (mm)	720x885x1990 (28"x35"x78")
Capacity (L)	393
Dimensions interior WxDxH (mm)	480x608x1345 (19"x24"x53")
Insulation (mm)	120
Temperature range (°C)	-86 / -40
Max. ambient temperature (°C)	25
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	14,9
Current (A)	3,8
Weight (KG)	175
Shipping weight (KG)	202
Shipping weight with wooden packaging (KG)	-
Shipping dimensions WxDxH (mm)	880x980x2250 (35"x38"x88")
Shipping dimensions with wooden packaging WxDxH (mm)	-
No. of compressors	1
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 / *
Basket (pcs)	No
Sub door (pcs)	5
Lighting	Yes
Lock	Yes
Inner liner material	Stainless steel
Cabinet material	Varnished steel / stainless steel *
Colour (exterior)	White / stainless steel *
Refrigerant	EP88

Please contact customer service for inquiries:
cs@korin.com • 917-587-7021

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.

CO_2CARE