

## UPRIGHT LOW & ULTRA LOW TEMPERATURE (less than 2m high !)

- 86/-40°C

ULUF 450-2M

### ULUF SERIES

- Single compressor
- 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

### CONTROLLER

- Micro processor controller with digital display
- Battery backup – 72 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



Digital Controller with micro processor and battery backup.



New designed easy to use Door



Halogen lights activate when door is opened.



Evaporator freezing shelves provide constant temperature in each compartment.

### ULUF 450-2M, -86/-40 °C

Designed slightly smaller (just under 2 meters) to go under the doors more easily ! The new 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 in 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.

### SPECIFICATIONS

Model	ULUF 450-2M
Item Code (DAI no.)	DAI 1414
Dimensions exterior WxDxH(mm)	720x885x1990
Net capacity (L)	370
Temperature range (°C)	-86/-40
Power supply (V)	230
Frequency (Hz)	50/60

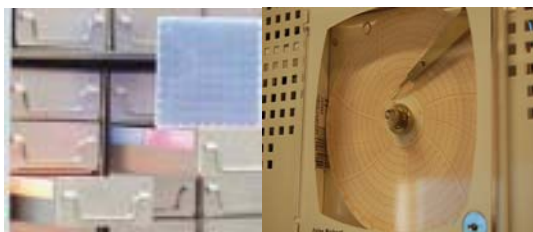
# ARCTIKO

The art of simplicity®



CO<sub>2</sub>CARE

## Optional :



1. Racks boxes    2. Chart



3. CO<sub>2</sub> backup    4. GSM alarm

## Technical specifications

### Model ULUF 450-2M

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