ARCTIKO
true cooling specialists

ULUF 750-2M

-40/-86°

HIGHLY RELIABLE ULTRA LOW TEMPERATURE FREEZER |
The ULUF 750-2M Ultra low temperature freezer comes with single cooling technology that offers direct cooling and excellent cooling performance.

▶ ULTIMATE SAMPLE PROTECTION

ARCTIKO's TRUE DUAL™ cooling system is a standard in the ULUF 750-2M, offering ultimate sample protection.

In the event of any failure on one of the cooling systems, the other system will still maintain an operating temperature of -70°C meaning your valuable samples at all times are stored with best possible security.

▶ WORKING ENVIROMENT

By placing the compressor and other heat and noise generating components on the top of the unit the heat is distributed up- and backwards preventing the heat from warming up the entire room.

This design also means that there is never a compartment that you will have difficulties overlooking or using fully. Ensuring a ergonomically correct unit which is easy and pleasant to use.

▶ FILTERLESS CONSTRUCTION

Our filterless construction makes cleaning unnecessary. The evaporator coils are spaced so far apart that dust will not be trapped and obstruct the airflow.

With our compressors located on the top, the dust intake is minimal this eliminating the need for filters entirely, saving you maintenance time and cost.

ULUF 750-2M* ◀

The user friendly G214 controller is standard for the ULUF 750-2M. It includes different alrams as visual, acoustic, open door and more.
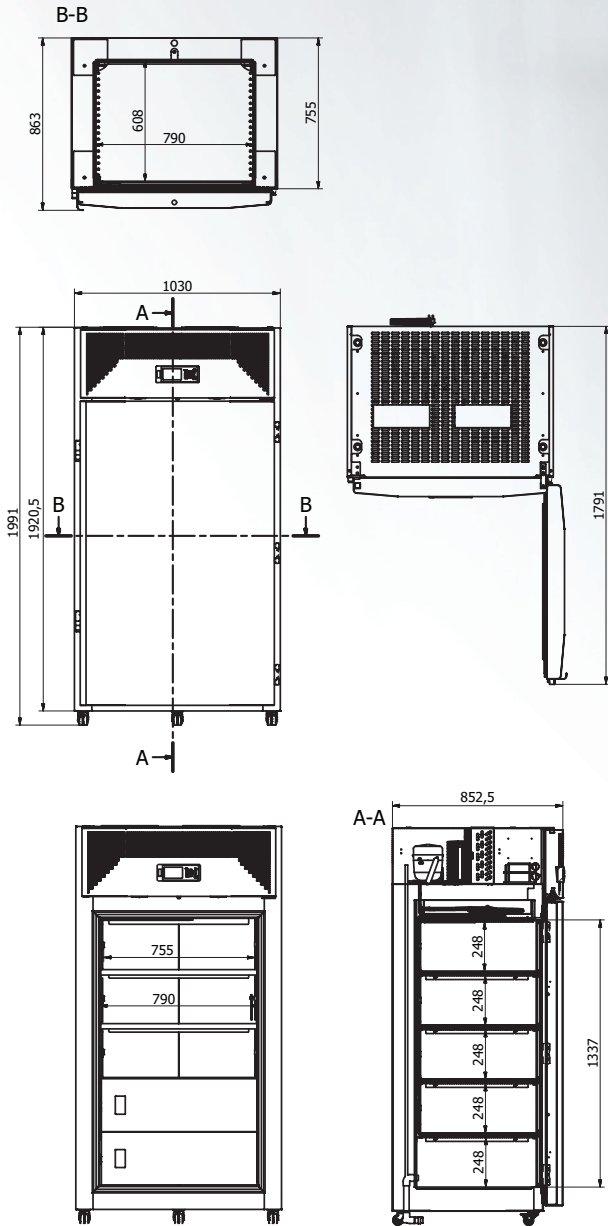
Insulated inner door for better recovery time after door openings and optimal temperature stability.

Key lock is a standard feature in our ULUF 750-2M. Placed on side of door for optimal security for your samples.

TRUE DUAL™ TECHNOLOGY

DIRECT COOLING

FILTERLESS CONSTRUCTION

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ULUF 750-2M

B-B

863
608
790
755

1030
A
1991
1920,5
B
B
1791
A

852,5
A-A
755
790
248
248
248
248
248
1337

The ARCTIKO ULUF 750-2M model supports following optional features:

- Modbus adaptor for G214 controller
- Temperature chart recorder
- CO_2 back-up system
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Racks & Boxes
- Cryo gloves

ISO 9001:2015
Certificate No: 33037

ISO 13485:2016
Certificate No: 0000320341-PA-NA-NOR

CE

MODEL	ULUF 750-2M
Main specifications	
Item code	DAI 1383
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	25
Capacity (L)	642
Exterior dimensions WxDxH (mm)	1030x885x1990
Interior dimensions WxDxH (mm)	790x608x1345
Weight (KG)	242
Insulation (mm)	120
Cooling technology	dual system / static*
Controller model / probe type	G214 / PT1000
Power	
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (kWh/24h)	19,5
AMP (A)	8,7
Power (Watt)	1359
Horse power (HP)	3/4
Alarm functions	
Alarm display as text - not codes	yes
Visual / acoustic alarm	yes / yes
Power failure alarm	yes
Adjustable high / low temperature alarm	yes / yes
Open door alarm	yes
Probe failure alarm	yes
Low battery alarm	yes
Compressor failure alarm	yes
Battery backup for alarms (approx. hrs.)	72
Data logging & external connection	
Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
Electronic data logger	yes
RS 485 port	yes
USB port for software update & data download	yes
Temperature chart recorder	optional
Display features	
Display type	4,3'' with touch buttons
Number of optional reference probes	2
Password protection for turning unit on / off	yes
Temperature graph on display	yes
Other features	
Automatic defrost	no
Antifreeze function	no
Vacuum release port	yes
Access port for external probe etc. (int. diameter mm)	12
Light	yes
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	4 / 2
Fixed feet (pcs) / levelling feet (pcs)	no
Sub lids / inner doors (pcs)	5
Fixed shelves (pcs) / adjustable shelves (pcs)	4 / 0
Total capacity of 50 mm boxes 9x9 didviders (pcs)	400
Total capacity of 75 mm boxes 9x9 didviders (pcs)	200
Total capacity of 96 mm boxes 9x9 didviders (pcs)	200
Refrigeration & cabinet	
Number of compressors	2
Refrigerant	EP88
Interior cabinet material	stainless steel
Exterior cabinet material	electrogalvanized steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no
Shipping	
Shipping weight (kg)	383
Shipping dimensions WxDxH (cm)	114x108x219
Shipping volume (m³)	2,70

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