ARCTIKO ULTF 420

true cooling specialists

-40/-86°

ULTRA LOW TEMPERATURE | CHEST FREEZER

Optimized internal storage capacity with stainless steel racks. Offers a lot of great controller features with the user-friendly controller in 4,3" display screen.

ULTF 420* ▼

► CONTROLLER FEATURES

Arctiko's ULTF series comes with the 4,3" G214 controller which combines security, monitoring & data logging functions.

This range allows data logging for up to 30 years, multiple alarms and much more customizability ensuring that the functionality of the chest models have the same features as the upright units in the same temperature range.

► SUPERIOR COOLING PERFORMANCE

Reaching -80°C in only 190 minutes due to our our single compressor technology. The technology is specially designed to be the best in class in cooling performance.

With the ULTF freezer you are secured superior temperature stability and great temperature uniformity even after door openings. It also helps provide a stable cooling performance while lowering the energy consumption.

SINGLE COMPRESSOR SYSTEM

FILTERLESS CONSTRUCTION

NOISE REDUCTION TECHNOLOGY

User friendly G214 controller standard in ULTF range. Includes different alarms as; visual, acoustic , open door and more.

► OPTIMIZED STORAGE CAPACITY

The compact space-saving cabinet design guarantees a reduced footprint because of the Arctiko's specifically developed vacuum insulated panels, optimizing the freezer to increase energy efficiency and cooling performance.

The vacuum insulated panels are of a high-efficient quality that secures the lowest possible energy consumption. VIP panels combined with Arctiko's state-of-the-art single compressor technology provide a safe and high-quality ULT freezer.
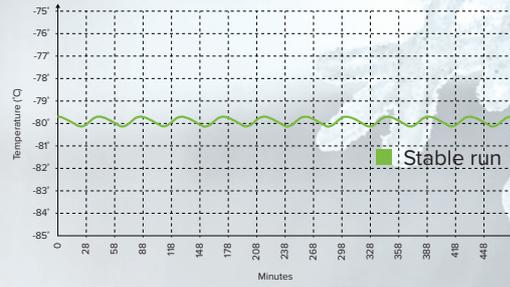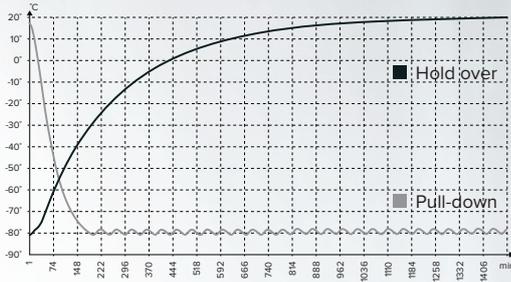
Lock on handle for optimal security of the valued samples. Comes as a standard feature.

Optimal storage capacity and overview of the stored samples with the stainless steel front rack storage system.
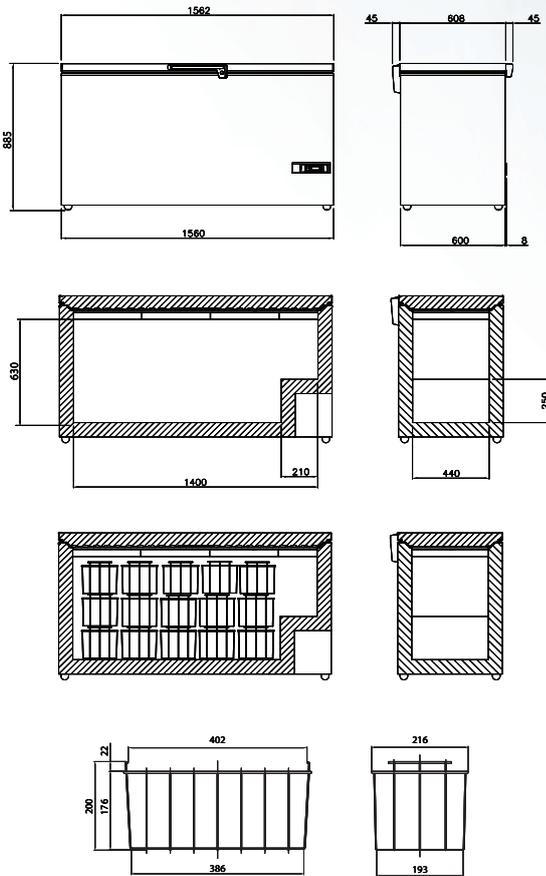
* The pictures shown are for reference only, actual product size may vary. Please read the dimensions of the product in the specifications.

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▲ IMPROVED RECOVERY TIMES

Pull-down times measures the time taken for temperature to rise, the faster the better. Hold over indication the freezers ability to keep the samples safe.

The ARCTIKO ULTF 420 Model supports following optional features:

- Modbus adapter for G214 controller
- Temperature chart recorder
- Rollers on metal frame
- 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	ULTF 420
Main specifications	
Item code	DAI 0210
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	20
Capacity (L)	368
Exterior dimensions WxDxH (mm)	1562x691x890
Interior dimensions WxDxH (mm)	1400x440x630
Weight (KG)	88
Insulation (mm)	80
Cooling technology	single system / static
Controller model / probe type	G214 / PT1000
Power	
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (kWh/24h)	8,5
AMP (A)	2,6
Power (Watt)	490
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	no
Access port for external probe etc. (int. diameter mm)	12
Light	no
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	4 / optional
Fixed feet (pcs) / levelling feet (pcs)	no
Sub lids / inner doors (pcs)	4
Reversible door(s)	no
Total capacity of 50 mm boxes 9x9 dividers (pcs)	282
Total capacity of 75 mm boxes 9x9 dividers (pcs)	180
Total capacity of 96 mm boxes 9x9 dividers (pcs)	129
Refrigeration & cabinet	
Number of compressors	1
Refrigerant	Nature R
Interior cabinet material	painted steel
Exterior cabinet material	painted steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no
Shipping	
Shipping weight (kg)	132
Shipping dimensions WxDxH (cm)	166x76x106
Shipping volume (m³)	1,34