

ARCTIKO ULTF 220

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.

► 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.

► 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.



ULTF 220* ▼



SINGLE
COMPRESSOR
SYSTEM



FILTERLESS
CONSTRUCTION



NOISE
REDUCTION
TECHNOLOGY

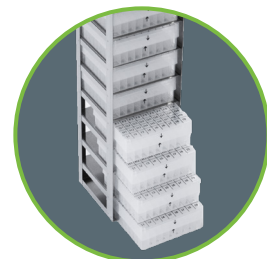
User friendly G214 controller standard in ULTF range. Includes different alarms as; visual, acoustic, open door and more.

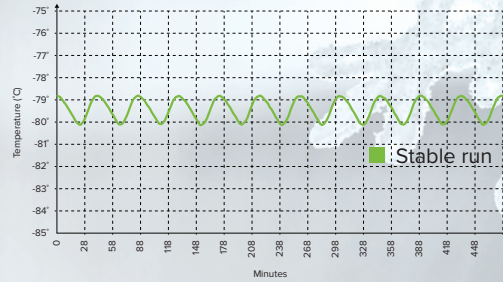
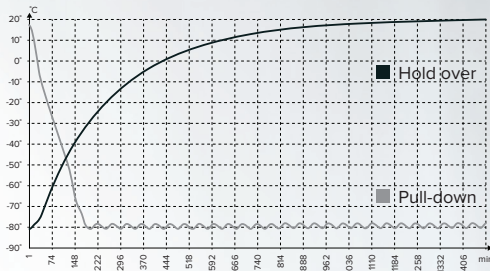


Lock on handle for optimal security of the valued samples. Comes as a standard feature.



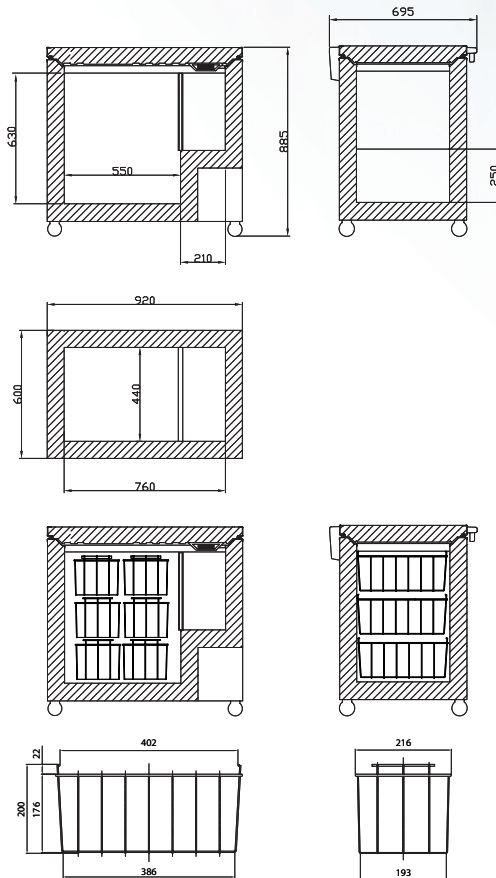
Optimal storage capacity and overview of the stored samples with the stainless steel front rack storage system.





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 220 Model supports following optional features:

- Modbus adapter for G214 controller
- Temperature chart recorder
- Rollers on metal frame
- CO₂ Back-up system
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Racks & boxes
- Cryo gloves

MODEL		ULTF 220
Main specifications	Item code	DAI 0213
	Temperature range (°C)	-40 / -86
	Max. ambient temperature (°C)	20
	Capacity (L)	189
	Exterior dimensions WxDxH (mm)	920x691x890
	Interior dimensions WxDxH (mm)	760x440x630
	Weight (KG)	64
	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)	5,9
	AMP (A)	2,7
	Power (Watt)	353
Alarm functions	Horse power (HP)	1/2
	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
Data logging & external connection	Compressor failure alarm	yes
	Battery backup for alarms (approx. hrs.)	72
	Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
	Electronic data logger	yes
	RS 485 port	yes
Display features	USB port for software update & data download	yes
	Temperature chart recorder	optional
	Display type	4,3" with touch buttons
	Number of optional reference probes	2
Other features	Password protection for turning unit on / off	yes
	Temperature graph on display	yes
	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
Refrigeration & cabinet	Sub lids / inner doors (pcs)	3
	Reversible door(s)	no
	Total capacity of 50 mm boxes 9x9 didviders (pcs)	117
	Total capacity of 75 mm boxes 9x9 didviders (pcs)	75
	Total capacity of 96 mm boxes 9x9 didviders (pcs)	54
	Number of compressors	1
	Refrigerant	Nature R
	Interior cabinet material	painted steel
Shipping	Exterior cabinet material	painted steel
	Colour (exterior cabinet)	white
	Foam type	polyurethane
	VIP vacuum insulated panels	no
Shipping	Shipping weight (kg)	104
	Shipping dimensions WxDxH (cm)	102x76x106
	Shipping volume (m ³)	0,82