



ULTF 320

SUPERIOR PERFORMANCE AND HIGHLY RELIABLE ULT 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.



SINGLE
COMPRESSOR
SYSTEM



FILTERLESS
CONSTRUCTION



REDUCED
NOISE LEVEL

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 140 minutes due to our our single compressor technology. The technology is specially designed to be the best in class in cooling performance.

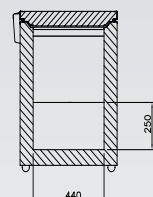
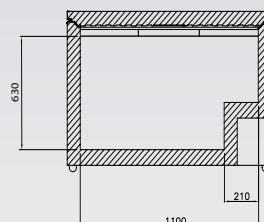
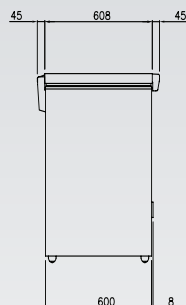
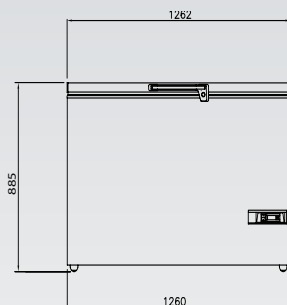
With the ULTF freezer you are secured superior temperature stability and great temperature uniformity even after door openings. It also helps provide a stable cooling performance while lowering the energy consumption.

OPTIMIZED STORAGE CAPACITY

The freezer has optimized internal storage for the best overlook and accessibility of stored content. With our stainless steel front rack storage system the samples will be easy accessible at any time.

The ULTF freezer also has a premade access port with no extra cost involved, making it easier to monitor or inspect the unit with external probes.

MAIN DIMENSION FOR ULUF ULTF 320





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

OPTIONAL ACCESSORIES

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

MAIN SPECIFICATIONS

| | |
|--------------------------------|------------------------|
| Item code | DAI 0205 |
| Temperature range (°C) | -40 / -86 |
| Max. ambient temperature (°C) | 20 |
| Capacity (L) | 284 |
| Exterior dimensions WxDxH (mm) | 1262x691x890 |
| Interior dimensions WxDxH (mm) | 1100x440x630 |
| Weight (KG) | 76 |
| 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) | 7,5 |
| AMP (A) | 2,5 |
| Power (Watt) | 466 |
| 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 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 or inner doors (pcs) | 3 |
| Reversible door(s) | no |
| Total capacity of 50 mm boxes 9x9 dividers (pcs) | 216 |
| Total capacity of 75 mm boxes 9x9 dividers (pcs) | 138 |
| Total capacity of 96 mm boxes 9x9 dividers (pcs) | 99 |

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) | 114 |
| Shipping dimensions WxDxH (cm) | 136x76x106 |
| Shipping volume (m³) | 1,10 |