



# LTF 85

## THIS CHEST FREEZER STORES YOUR SAMPLES UNDER OPTIMAL CONDITIONS

The single compressor technology provides reliable low temperature freezing and high temperature uniformity.



SINGLE  
COMPRESSOR  
SYSTEM



FILTERLESS  
CONSTRUCTION

### COOLING SYSTEM

Arctiko's LTF range utilizes our single compressor technology. This means fewer mechanical components taking up space and lowering unnecessary heat-and noise dissipation. The technology ensures the best possible storage capacity per square meter of any chest freezer models in the market.

With Arctiko, you are maximizing the amount of samples you can store, while retaining the best possible cooling performance.

### OPTIMIZED STORAGE CAPACITY

The freezer has optimized internal storage for the best overlook. With the standard included stackable basket and the optional stainless steel front rack storage system the samples will be easy accessible at any time.

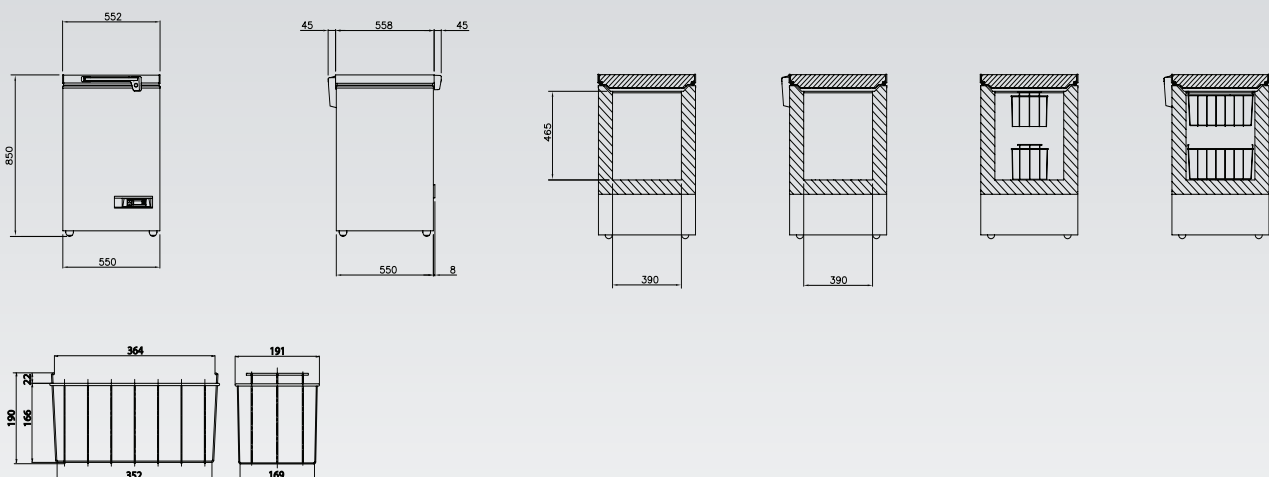
The freezer also has a premade access port with no extra cost involved, making it easier to monitor or inspect the unit with external probes.

### 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.

The filterless construction eliminates the need for filters entirely, saving you maintenance time and cost.

## MAIN DIMENSION FOR LTF 85





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 baskets.

## OPTIONAL ACCESSORIES

Temperature chart recorder  
Rollers on metal frame  
GSM alarm module  
Voltage converter  
Voltage stabilizer  
Racks & boxes  
Jumbo basket  
Basket

## MAIN SPECIFICATIONS

|                                |                 |
|--------------------------------|-----------------|
| Item code                      | DAI 0101        |
| Temperature range (°C)         | -30 / -60       |
| Max. ambient temperature (°C)  | 25              |
| Capacity (L)                   | 71              |
| Exterior dimensions WxDxH (mm) | 552x648x850     |
| Interior dimensions WxDxH (mm) | 390x390x465     |
| Weight (KG)                    | 53              |
| Insulation (mm)                | 80              |
| Cooling technology             | static          |
| Controller model / probe type  | Dixell / PT1000 |

## POWER

|                             |     |
|-----------------------------|-----|
| Power supply (V)            | 230 |
| Frequency (Hz)              | 50  |
| Power consumption (kWh/24H) | 5,1 |
| AMP (A)                     | 2,0 |
| Power (Watt)                | 297 |
| Horse power (HP)            | 1/2 |

## ALARM FUNCTIONS

|  |           |
|--|-----------|
| Alarm display as text - not codes        | no        |
| Visual / acoustic alarm                  | yes / yes |
| Power failure alarm                      | no        |
| Adjustable high / low temperature alarm  | yes / yes |
| Open door alarm                          | no        |
| Probe failure alarm                      | yes       |
| Low battery alarm                        | no        |
| Compressor failure alarm                 | no        |
| Battery backup for alarms (approx. hrs.) | no        |

## DATA LOGGING & EXTERNAL CONNECTION

|   |          |
|---|----------|
| Voltage free contact for remote alarm (e.g. GSM module) | yes      |
| Electronic data logger                                  | no       |
| RS 485 port   | no       |
| USB port for software update & data download            | no       |
| Temperature chart recorder                              | optional |

## DISPLAY FEATURES

|   |             |
|---|-------------|
| Display type                                  | LED display |
| Number of optional reference probes           | no          |
| Password protection for turning unit on / off | no          |
| Temperature graph on display                  | no          |

## 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)         | optional rollers on metal frame |
| Fixed feet (pcs) / levelling feet (pcs)                | 4 / 0                           |
| Baskets (pcs)  | 1                               |
| Max. no. of baskets (pcs)                              | 2                               |
| Max. load per basket (kg)                              | 11                              |
| Total capacity of 50 mm boxes 9x9 dividers (pcs)       | 40                              |
| Total capacity of 75 mm boxes 9x9 dividers (pcs)       | 25                              |
| Total capacity of 96 mm boxes 9x9 dividers (pcs)       | 20                              |

## REFRIGERATION & CABINET

|                             |                  |
|-----------------------------|------------------|
| Number of compressors       | 1                |
| Refrigerant                 | HC               |
| Interior cabinet material   | prepainted steel |
| Exterior cabinet material   | prepainted steel |
| Colour (exterior cabinet)   | white            |
| Foam type                   | polyurethane     |
| VIP vacuum insulated panels | no               |

## SHIPPING

|                                |           |
|--------------------------------|-----------|
| Shipping weight (KG)           | 76        |
| Shipping dimensions WxDxH (cm) | 68x64x116 |
| Shipping volume (m³)           | 0,51      |

## Arctiko A/S

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