



LF 1400

HIGH LEVEL OF SECURITY FOR YOUR SAMPLES, DUE TO THE GREAT COOLING PERFORMANCE WITH AIR FORCED COOLING.

Automatic defrost saves you time to focus on what's most important and stores the samples safely.



AVAILABLE IN
ATEX



AIR FORCED
COOLING



FILTERLESS
CONSTRUCTION

STAINLESS STEEL & SPARK FREE

The unit is available with stainless steel AISI 304 Exterior, so that the interior and exterior is made entirely of stainless steel, providing a stronger more resistant unit.

This unit can be made in an ATEX version – approved according to EN 60079-15 category 3, zone 2. CE EX 11-/3 G

FLEXIBLE STORAGE SOLUTIONS

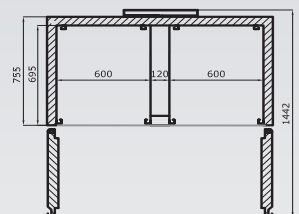
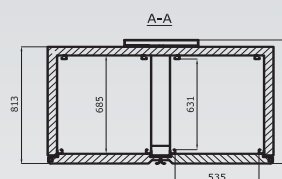
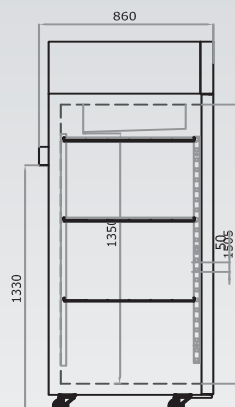
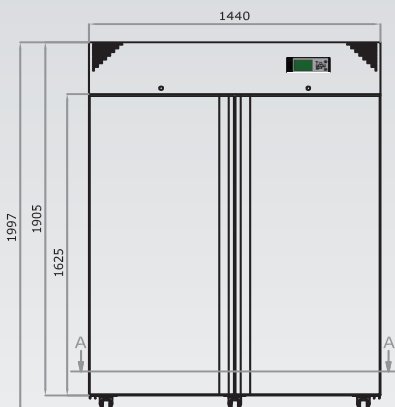
Arctiko's LF range is a highly customizable allowing you to choose between a wide range of universal shelves and drawers.

This allows the user to organize their unit exactly as desired. Our universal shelf and drawer guides allow you to mix shelves and drawers for flexible storage.

GREAT COOLING PERFORMANCE

Air forced cooling provides superior temperature uniformity and stability. Forcing the airflow around the shelves and the stored items, ensures that all parts of the unit is equally cold and avoids any cold or hot spots. Distributed by a powerful fan and open air flow areas along the sides, the air is always distributed evenly throughout the fully loaded unit.

MAIN DIMENSION FOR LF 1400



MAIN SPECIFICATIONS

| | |
|--------------------------------|---------------------|
| Item code | DAI 0275 / DAI 0276 |
| Temperature range (°C) | -10 / -30 |
| Max. ambient temperature (°C) | 25 |
| Capacity (L) | 1361 |
| Exterior dimensions WxDxH (mm) | 1440x860x1997 |
| Interior dimensions WxDxH (mm) | 1320x685x1505 |
| Weight (KG) | 195 |
| Insulation (mm) | 60 |
| Cooling technology | air forced |
| Controller model / probe type | G214 / PT1000 |

POWER

| | |
|-----------------------------|------|
| Power supply (V) | 230* |
| Frequency (Hz) | 50 |
| Power consumption (kWh/24H) | 18,1 |
| AMP (A) | 4,9 |
| Power (Watt) | 964 |
| Horse power (HP) | 11/4 |

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 | no |
| 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 | yes |
| 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) | 5 / 3 |
| Fixed feet (pcs) / levelling feet (pcs) | no |
| Sub lids / inner doors (pcs) | no |
| Reversible door(s) | yes |
| Fixed shelves (pcs) / adjustable shelves (pcs) | 0 / 6 |
| Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs) | 46 / 22 |
| Max. load per shelf (kg) | 30 |
| Adjustable drawers (pcs) | optional |
| Max. no. of adjustable drawers (pcs) | 16 |
| Max. load per adjustable drawer (kg) | 30 |

REFRIGERATION & CABINET

| | |
|-----------------------------|---------------------------------|
| Number of compressors | 1 |
| Refrigerant | R290 |
| Interior cabinet material | stainless steel |
| Exterior cabinet material | painted steel / stainless steel |
| Colour (exterior cabinet) | white / stainless steel |
| Foam type | polyurethane |
| VIP vacuum insulated panels | no |

SHIPPING

| | |
|--------------------------------|-------------|
| Shipping weight (KG) | 278 |
| Shipping dimensions WxDxH (cm) | 156x101x220 |
| Shipping volume (m³) | 3,47 |

*110V/60Hz available as option

OPTIONAL ACCESSORIES

GSM alarm module
Temperature chart recorder
Shelves (perforated, wire plastic coated, wire stainless steel)
Drawers (stainless steel)
Modbus adapter
Voltage stabilizer
Voltage converters
LED light

Arctiko A/S

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