ALPENINOX

Crio Tech HP
1 Door Digital Freezer, 670lt
(-22/-15) - R290 - Class C

728884 (CTE71FFCA)   1-door freezer 670L, -22-15°C, (R290), digital, AISI 304

Short Form Specification

Item No. _____

Full door freezer entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital display featuring cabinet temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads). HACCP-compliant control with alarms and history. IQ Defrost to defrost only when required with automatic evaporation of defrost water. Three probes to constantly monitor the working conditions of the appliance. Airflow System: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions. Fitted with 90 mm-thick cyclopentane insulating foam. On-site reversible door features lock and door microswitch to switch off the fan when the door is opened. Hidden evaporator to guarantee higher storage capacity and less corrosion problems. Built-in refrigeration unit; ventilated operation; Internal LED light. For ambient temperatures up to 43°C. CFC and HCFC free. R290 gas in refrigeration circuit.

Supplied with n. 3x2/1GN 304 AISI stainless steel grids and n. 3 sets of 2 stainless steel grid runners. Certified as Class C (in accordance with EU Regulation 2015/1094. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Large digital white-digit display with cabinet temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to two months of event are kept in memory.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Airflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- IQ Defrost: fully automatic defrost starts only when ice is actually building-up in the evaporator.
- Cabinet fitted with up to 90 mm thickness of cyclopentane insulation for best insulating performance with 100% environmental protection (thermal conductivity: 0,020 W/m*K).
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Provided with stainless steel A304 grids.
- Cabinet certified as Class A in heavy duty working conditions (40°C-40% humidity) based on European Ecodesign directive. The potential annual saving estimated by replacing a cabinet in class A with a cabinet in class G of equivalent volume, is equal to 300€ for each refrigerator replaced (considering an energy cost of 0,21€/kWh and a net volume of 503l).
- Tropicalized unit (43°C ambient temperature).
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- This appliance is intended for use in ambient temperatures up to 40°C.

APPROVAL:

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Constructed from the highest quality AISI 304 Stainless steel.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- The label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.
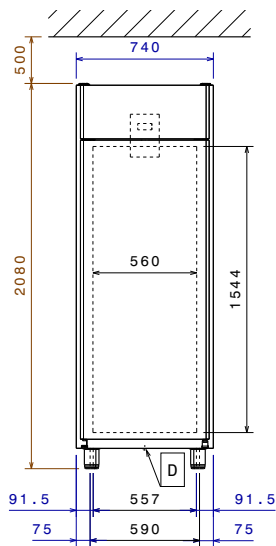
Included Accessories

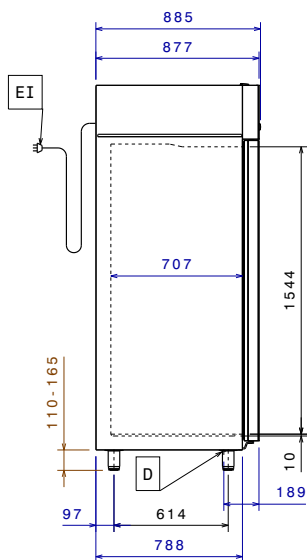- 3 of AISI 304 stainless steel grid with 2 runners, 2/1GN   PNC 881018

Optional Accessories

- 2 stainless steel runners for refrigerated cabinets - (Marine)   PNC 880242   ❏
- 1/1GN set of 8 PVC containers for fish   PNC 880243   ❏
- Spacer for 670L and 1430L refrigerated cabinets   PNC 880248   ❏
- Kit integrated HACCP for digital refrigerators (IR33)   PNC 880252   ❏
- Pedal opening for cabinets   PNC 880324   ❏
- Plastic container with false bottom, 1/1GN   PNC 880705   ❏
- 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models   PNC 881002   ❏
- Kit to fit 10 pastry trays (400x600mm)   PNC 881003   ❏
- 2/1GN gray rilsan grid   PNC 881004   ❏
- AISI 304 stainless steel grid, 2/1GN   PNC 881016   ❏
- AISI 304 stainless steel grid with 2 runners, 2/1GN   PNC 881018   ❏
- 2/1GN gray rilsan grid with 2 runners   PNC 881020   ❏
- Set of 2 stainless steel runners for 670/1430L refrigerators and freezers   PNC 881021   ❏
- PVC container with lid and 2 runners, 2/1GN   PNC 881039   ❏
- 2/1GN perforated shelf   PNC 881042   ❏
- 1/1GN rilsan steel wire basket h150mm   PNC 881043   ❏
- 2/1GN gray rilsan basket + 2 runners h150mm   PNC 881047   ❏
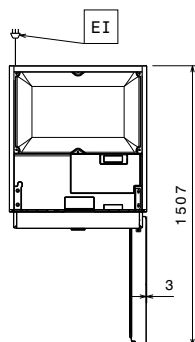
Front

Side

EI = Electrical inlet (power)

Top

Electric

Supply voltage:	
728884 (CTE71FFCA)	220-240 V/1 ph/50 Hz
Electrical power max.:	0.44 kW

Key Information:

Gross capacity:	670 lt
Net Volume:	503 lt
N° of doors:	1
Door hinges:	Right Side
External dimensions, Width:	740 mm
External dimensions, Depth:	885 mm
External dimensions, Depth with Doors Open:	1507 mm
External dimensions, Height:	2080 mm
Number and type of grids (included):	3 - GN 2/1
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	44; 30 mm

Refrigeration Data

Control type:	Digital
Compressor power:	1 hp
Refrigeration power at evaporation temperature:	-30 °C
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Operating mode:	Ventilated
Cooling unit:	Built-In
Defrost type:	Electric

Product Information (EU Regulation 2015/1094)

Type of model (EU Reg. 2015/1094):	vertical frozen

Sustainability

Energy Class (EU Reg. 2015/1094):	C
Yearly and daily energy consumption (EU Reg. 2015/1094):	1630kWh/year - 4kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	41.3
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	569 W
Refrigerant weight:	100 g

2023.06.12

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EU energy labelling from 1st July 2016

The European energy labelling scheme for professional refrigerators and freezers is based on requirements setting Minimum Energy Performance standards for commercial refrigeration cabinets sold within the EU. These requirements are designed to drive energy efficiency and environmentally friendly approach for professionals. The European energy labelling scheme will apply to all manufacturers and importers who sell and market products within the EU and it is mandatory across Europe. Important: all products which consume energy above the minimum level will not be able to be sold within the EU from 1 July 2016.

SI 2020 No. 1528.

<u>Important</u>: all products which consume energy above the minimum level will not be able to be sold within the EU from 1 July 2016.

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ALPENINOX CTE71FFCA

A+++
A++
A+
A
B
C ◄ **C**
D
E
F
G

ENERGIA · ЕНЕРГИЯ
ΕΝΕΡΓΕΙΑ · ENERGIJA
ENERGY · ENERGIE · ENERGI

1630 kWh/annum

- L   **503** L   **5** 40°C - 40%

2015/1094-IV

ENERGY 🇬🇧

ALPENINOX CTE71FFCA

A+++
A++
A+
A
B
C ◄ **C**
D
E
F
G

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- L   **503** L   **5** 40°C - 40%

2015/1094-IV