ALPENINOX

Crio Touch HP
1 Door Freezer with LCD Touch Screen, 670 lt (-22/-15) - R290 - Class C

728889 (CTO71FFCA)   1-door freezer 670lt, -22-15°C, LCD touch screen, (R290), 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 external LCD touch display to allow: cabinet temperature indication; selection among 2 preset and 2 programmable food categories to adjust temperature to the type of food stored; HACCP history for critical high temperature, alarm service and full diagnostic; IQ Defrost 4 to defrost only when required with automatic evaporation of defrost water; probe failure indication and diagnostic. 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 and internal LED light. For ambient temperatures up to 43°C. CFC and HCFC free. R290 gas in refrigeration circuit.
Supplied with n. 4x2/1GN 304 AISI stainless steel grids and n. 4 sets of 2 stainless steel grid runners. Certified as Class C (in accordance with EU Regulation 2015/1094. Provided with USB port to download temperature history and additional port to connect to a remote computer or integrated HACCP system.

APPROVAL: _____

Main Features

- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Provided with stainless steel A304 grids.
- Interior LED light to save energy and for best internal visibility.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Intelligent door frame heater, activated according to external temperature, avoids condensation build-up around the door frame.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Improved defrost and evaporator fan management – defrost type changes with temperature set-point: electric below +2° C while air convection defrost above +2°C, thus saving energy.
- Airflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Large external LCD touch display features the following benefits and advanced electronic functions:
  - Cabinet temperature indication
  - 2 selectable preset and 2 programmable food categories to set the appropriate temperature according to the type of food stored
  - HACCP: acoustic and visual alarms are activated when temperature exceeds critical limits. Up to 99 events are recorded and stored
  - IQ Defrost4: defrost cycle driven by 4 probes and activated only when ice in the evaporator is detected
  - Failure indication: history of alarm events and performances of the last 48h of operation are stored in case of probe failure
  - Diagnostic: four probes constantly control the working conditions of the appliance
  - Turbo cooling cycle to rapidly cool warm loads
- 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.
- Tropicalized unit (43°C ambient temperature).
- This appliance is intended for use in ambient temperatures up to 40°C.

Construction

- CFC and HCFC-free insulation.
- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Constructed from the highest quality AISI 304 Stainless steel.
- R290 refrigerant to reduce green house and ozone depletion effects.

- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- 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.
- IP21 protection index.

Included Accessories

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• 4 of AISI 304 stainless steel grid with 2 runners, GN 2/1	PNC 881018

Optional Accessories

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• Grids support with 50 positions for refrigerated cabinets (Crio Tech)	PNC 880237 ❑
• 2 stainless steel runners for refrigerated cabinets - (Marine)	PNC 880242 ❑
• Set of 8 GN1/1 PVC containers for fish	PNC 880243 ❑
• Spacer for 670 lt and 1430 lt refrigerated cabinets	PNC 880248 ❑
• Pedal opening for cabinets	PNC 880324 ❑
• Plastic container with false bottom, GN 1/1	PNC 880705 ❑
• 4 swivelling wheels (2 with brake) for refrigerators, diam 125 mm, NOT for glass door and remote models	PNC 881002 ❑
• Kit to fit 10 pastry trays (400x600mm)	PNC 881003 ❑
• Grey rilsan grid, GN 2/1	PNC 881004 ❑
• AISI 304 stainless steel grid, GN 2/1	PNC 881016 ❑
• AISI 304 stainless steel grid with 2 runners, GN 2/1	PNC 881018 ❑
• Grey rilsan grid with 2 runners, GN 2/1	PNC 881020 ❑
• Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers	PNC 881021 ❑
• PVC container with lid and 2 runners, GN 2/1	PNC 881039 ❑
• Perforated shelf, GN 2/1	PNC 881042 ❑
• Rilsan steel wire basket h=150mm, GN 1/1	PNC 881043 ❑
• Grey rilsan basket+2 runners h=150mm, GN 2/1	PNC 881047 ❑

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Front
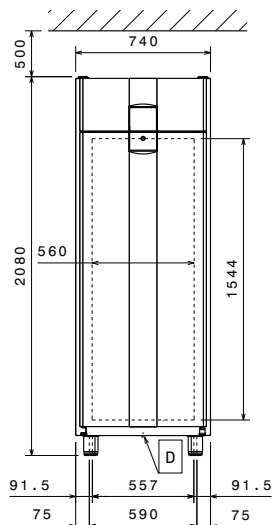
Side
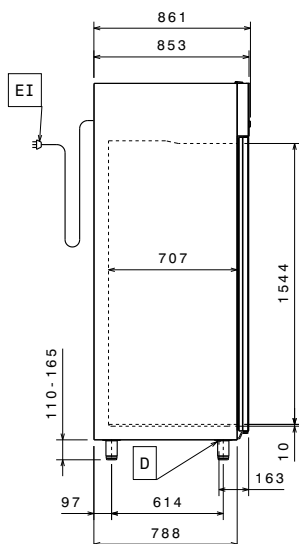
EI = Electrical inlet (power)
RI = Refrigerant Inlet
RO = Refrigerant Outlet

Top
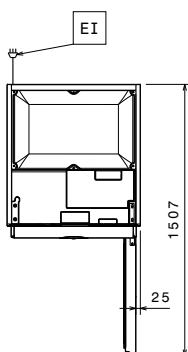
Electric

Supply voltage:

728889 (CTO71FFCA)	220-240 V/1 ph/50 Hz
Electrical power max.:	0.435 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, Height:	2080 mm
External dimensions, Depth:	861 mm
External dimensions, Depth with Doors Open:	1507 mm
Number and type of grids (included):	4 - 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:	Electronic
Compressor power:	
Refrigerant type:	R290
Refrigeration power:	569 W
Refrigeration power at evaporation temperature:	-30 °C
Refrigerant weight:	100 g
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)

Energy Class:	C
Yearly and daily energy consumption:	1630kWh/year - 4.47kWkWh/24h
Climate class:	Heavy Duty (5)
Energy Efficiency Index (EEI):	41.3
Type of model:	vertical frozen

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ALPENINOX

CTO71FFCA

A
B
C
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C

1630

kWh/annum

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ΕΝΕΡΓΕΙΑ · ENERGIJA
ENERGY · ENERGIE · ENERGI

1 L

− L

503 L

5
40°C - 40%

2015/1094-I
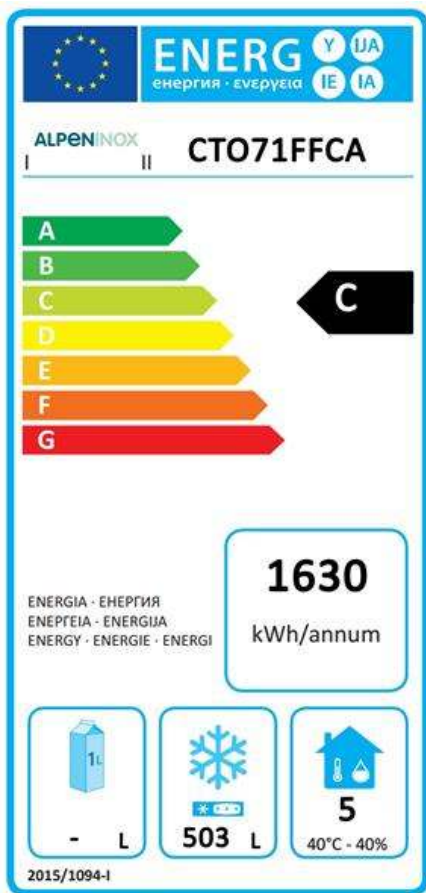
EU energy labelling from 1st July 2016

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.

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