

ALPENINOX

Crio Tech HPe 1 Door Digital Refrigerator, 670lt (-2/+10) - R290 - Class A

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



729690 (CTE71FRCHPA)

1-door refrigerator
670L, -2+10°C, (R290), digital,
AISI 304, Class A

Short Form Specification

Item No.

Full door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Digital display featuring cabinet temperature display and setting 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. 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. CFC and HCFC free. R290 gas in refrigeration circuit. Certified as Class A (in accordance with EU Regulation 2015/1094). Integrated 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.
- 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).
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- 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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Large digital white-digit display with cabinet temperature display and setting, and possibility to select the desired levels of humidity. Bluetooth technology included allows to keep HACCP historical data and download them through the app.
- Alpeninox Fridge Control APP make the life easier for our customers (available from April 2024):
 - Monitor safety of preservation process thanks to HACCP data & alarms for precise control
 - Save time and easy data management having the possibility to send the HACCP information in excel format directly to e-mail address
 - Quick operations: set the cabinet temperature/humidity/turbocooling and set date/hour
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to 30 days of event are kept in memory.
- Rilsan coated grids for improved protection.
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).

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.

Sustainability

- CFC and HCFC-free insulation.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- R290 refrigerant to reduce green house and ozone depletion effects.

APPROVAL: _____

- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- Interior LED light to save energy and for best internal visibility.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- 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.
- CFC and HCFC free, highly ecological refrigerant type: R290 (ecological gas in foam: cyclopentane). Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3), to reduce green house and ozone depletion effects.
- Cabinet certified as Class A in heavy duty working conditions (40° C-40% humidity) based on European Ecodesign directive.
- The label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.

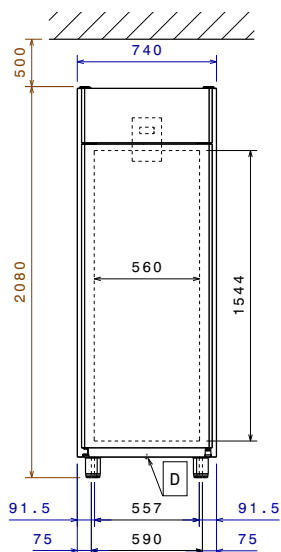
Included Accessories

- 4 of 2/1GN gray rilsan grid with 2 runners PNC 881020

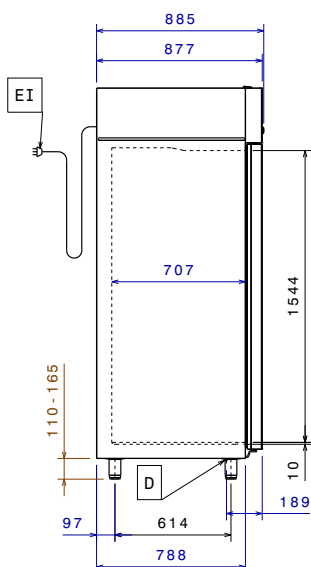
Optional Accessories

- | | | |
|---|------------|--------------------------|
| • 2 stainless steel runners for refrigerated cabinets - (Marine) | PNC 880242 | <input type="checkbox"/> |
| • 1/1GN set of 8 PVC containers for fish | PNC 880243 | <input type="checkbox"/> |
| • Spacer for 670L and 1430L refrigerated cabinets | PNC 880248 | <input type="checkbox"/> |
| • Pedal opening for cabinets | PNC 880324 | <input type="checkbox"/> |
| • Plastic container with false bottom, 1/1GN | PNC 880705 | <input type="checkbox"/> |
| • 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models | PNC 881002 | <input type="checkbox"/> |
| • Kit to fit 10 pastry trays (400x600mm) | PNC 881003 | <input type="checkbox"/> |
| • 2/1GN gray rilsan grid | PNC 881004 | <input type="checkbox"/> |
| • AISI 304 stainless steel grid, 2/1GN | PNC 881016 | <input type="checkbox"/> |
| • AISI 304 stainless steel grid with 2 runners, 2/1GN | PNC 881018 | <input type="checkbox"/> |
| • Meat rail for 670/1430L refrigerators with 4 hooks | PNC 881019 | <input type="checkbox"/> |
| • Set of 2 stainless steel runners for 670/1430L refrigerators and freezers | PNC 881021 | <input type="checkbox"/> |
| • PVC container with lid and 2 runners, 2/1GN | PNC 881039 | <input type="checkbox"/> |
| • 2/1GN perforated shelf | PNC 881042 | <input type="checkbox"/> |
| • 1/1GN rilsan steel wire basket h150mm | PNC 881043 | <input type="checkbox"/> |
| • 2/1GN gray rilsan basket + 2 runners h150mm | PNC 881047 | <input type="checkbox"/> |

Front

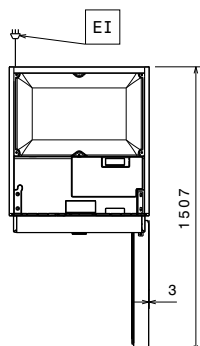


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	729690 (CTE71FRCHPA)	220-240 V/1 ph/50 Hz
Electrical power max.:		0.19 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):	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:	Digital
Compressor power:	1/4 hp
Refrigeration power at evaporation temperature:	-10 °C
Min/Max internal humidity:	70/90
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °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 chilled
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Sustainability

Energy Class (EU Reg. 2015/1094):	A
Yearly and daily energy consumption (EU Reg. 2015/1094):	299kWh/year - 1kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	22.30
GWP Index:	3
Refrigeration power:	320 W
Refrigerant weight:	110 g

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.

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