

# ALPENINOX

## Crio Smart 1 Glass Door Digital Freezer, 670lt (-20/-15°) R290

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



729662 (ARX71GF)

1-glass door freezer  
670lt, -20/-15°C, digital, AISI  
304, R290

### Short Form Specification

#### Item No.

Full glass door freezer with internal and external structure in 304 AISI stainless steel; external back panel in galvanized steel and bottom panel in anti-corrosive material. Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms. Optimized back to front forced air flow provides even temperature distribution and fast cooling in any conditions. Fitted with 75 mm-thick cyclopentane insulating foam. 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 back light; automatic defrost and evaporation of defrost water. Operating temperature: -20/-15 °C. For ambient temperatures up to 43 °C. CFC and HCFC free. R290 gas in refrigeration circuit. 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.
- Performance guaranteed at ambient temperatures of +32°C.
- Led lights on the door guarantee an even light in the cavity.
- Right hinged full door.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Tropicalized unit (43°C ambient temperature).
- The operating temperature can be adjusted from +2 to +10° C to suit both meat and dairy storage requirements.
- Two full glass doors.
- Digital control with cabinet temperature display and setting, manual activation of defrost cycle and internal light switch. Fully compliant HACCP digital controls include visible alarms.
- Cabinet fitted with up to 75 mm thickness of cyclopentane insulation for best insulating performance with 100% environmental protection (thermal conductivity: 0,020 W/m\*K).
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Easy serviceability thanks to the intuitive control panel with remote access via app.
- 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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Rilsan coated grids for improved protection.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Automatic defrost.
- 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).
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Adjustable temperature range from -15 °C to -22 °C to suit meat, fish and dairy storage requirements.
- This appliance is intended for use in ambient temperatures up to 40°C.
- Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms.

### Construction

- Interior base with rounded corners, pressed from a single sheet.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- AISI 430 stainless steel internal structure and external panels.
- Constructed from the highest quality AISI 304 Stainless

APPROVAL: \_\_\_\_\_

steel.

- External back panel in galvanized steel.
- R290 refrigerant to reduce green house and ozone depletion effects.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Doors are self-closing and can be fully opened up to 180°.
- Lockable door.
- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.

### Sustainability

- CFC and HCFC-free insulation.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 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.
- 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.

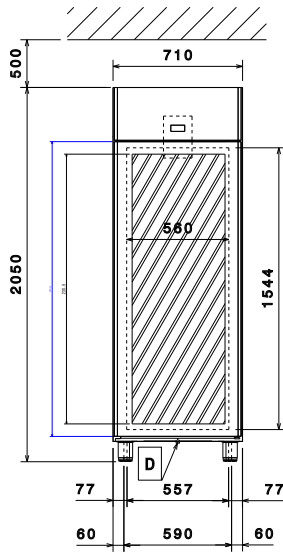
### Included Accessories

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

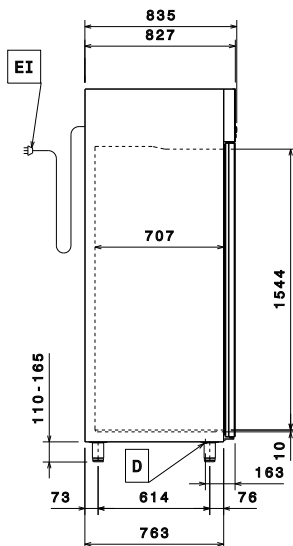
### Optional Accessories

- |   |            |                          |
|---|------------|--------------------------|
| • 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"/> |
| • Kit integrated HACCP for digital refrigerators (IR33)                     | PNC 880252 | <input type="checkbox"/> |
| • Pedal opening for cabinets  | PNC 880324 | <input type="checkbox"/> |
| • Ethernet connectivity kit IJF for Refrigeration                           | PNC 880685 | <input type="checkbox"/> |
| • Plastic container with false bottom, 1/1GN                                | PNC 880705 | <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"/> |
| • 2/1GN gray rilsan grid with 2 runners                                     | PNC 881020 | <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"/> |
| • Glass door protection kit   | PNC 881163 | <input type="checkbox"/> |

### Front

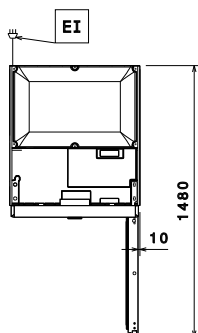


### Side



EI = Electrical inlet (power)

### Top



### Electric

Supply voltage:	729662 (ARX71GF)	220-240 V/1 ph/50 Hz
Electrical power max.:		0.65 kW
Plug type:		CE-SCHUKO

### Key Information:

Gross capacity:	670 lt
Net Volume:	503 lt
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Height:	2050 mm
Number and type of doors:	1 Glass
Internal Dimensions, Width:	560 mm
Internal Dimensions, Depth:	707 mm
Internal Dimensions, Height:	1544 mm
Net weight:	112 kg
Shipping volume:	1.41 m <sup>3</sup>
Number and type of grids (included):	3 - GN 2/1

### Refrigeration Data

Control type:	Digital
Compressor power:	3/4 hp
Refrigeration power at evaporation temperature:	-30 °C
Min/Max internal humidity:	
Operating temperature min.:	-20 °C
Operating temperature max.:	-15 °C
Operating mode:	Ventilated

### Sustainability

Current consumption:	4 Amps
Energy Class (EU Reg. 2015/1094):	E
Yearly and daily energy consumption (EU Reg. 2015/1094):	3350kWh/year - 9kWh/24h
Climate class (EU Reg. 2015/1094):	Light Duty (cl.3)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	81.91
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	568 W
Refrigerant weight:	100 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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