ALPENINOX

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

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. CFC and HCFC free. R290 gas in refrigeration circuit. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

APPROVAL:

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.
- 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 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.
- Tropicalized unit.
- Automatic defrost.
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- 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 steel.

- External back panel in galvanized steel.
- 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.
- 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.
- R290 refrigerant to reduce green house and ozone depletion effects.
- 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.
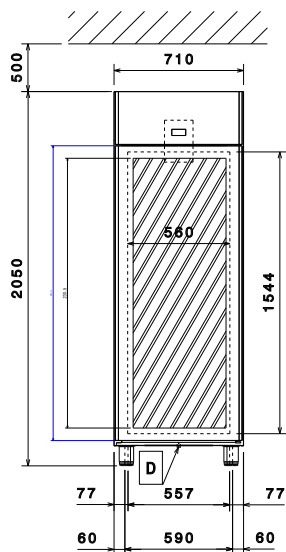
Included Accessories

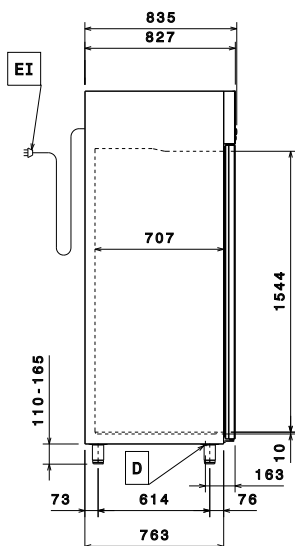- 3 of 2/1GN gray rilsan grid with 2 runners   PNC 881020

Optional Accessories

- 2 stainless steel runners for refrigerated cabinets - (Marine)   PNC 880242   ❑
- 1/1GN set of 8 PVC containers for fish   PNC 880243   ❑
- Spacer for 670L and 1430L refrigerated cabinets   PNC 880248   ❑
- Pedal opening for cabinets   PNC 880324   ❑
- Ethernet connectivity kit IJF for Refrigeration   PNC 880685   ❑
- Plastic container with false bottom, 1/1GN   PNC 880705   ❑
- 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   ❑
- Glass door protection kit   PNC 881163   ❑
- IOT module for refrigerated cabinets and counters   PNC 881298   ❑
- POE switch   PNC 922432   ❑

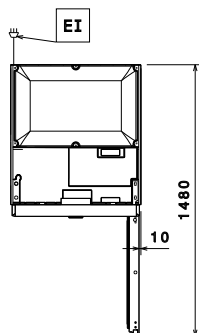2025.04.25

Front

500
710
2050
560
1544
77 **557** **77**
60 **590** **60**
D

Side

835
827
EI
707
1544
110 - 165
10
163
D
73 **614** **76**
763

EI = Electrical inlet (power)

Top

EI
1480
10

Electric

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

Capacity:

Number and type of grids (included):	3 - GN 2/1

Key Information:

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 m³
Gross capacity:	670 lt

Refrigeration Data

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

Sustainability

Current consumption:	4 Amps
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	568 W
Refrigerant weight:	100 g
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

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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.

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ARX71GF

A+++
A++
A+
A
B
C
D
E ◄ **E**
F
G

ENERGIA · ЕНЕРГИЯ
ЕΝΕΡΓΕΙΑ · ENERGIJA
ENERGY · ENERGIE · ENERGI

3350 kWh/annum

1 L - L | ❄ 503 L | 🏠 3 25°C - 60%

2015/1094-IV

🇬🇧 ENERGY

ALPENINOX

ARX71GF

A+++
A++
A+
A
B
C
D
E ◄ **E**
F
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2015/1094-IV

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