

ALPENINOX

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

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



729045 (ARX71GF)

1-glass door freezer
670lt, -20-15°C, digital, AISI
304 - not for Europe

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. For ambient temperatures up to 32 °C. CFC and HCFC free. R404a gas in refrigeration circuit.

Supplied with n. 3x2/1GN Rilsan coated grids and n. 3 sets of 2 stainless steel grid runners.

Main Features

- Mounted on adjustable stainless steel legs.
- Automatic defrost.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Performance guaranteed at ambient temperatures of +32°C.
- 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.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Adjustable temperature range from -15°C to -20°C to suit all storage requirements.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Rilsan coated grids for improved protection.
- Right hinged glass door.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- 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.
- Adjustable temperature range from -15°C to -22°C.
- Certified safety CE requirements.
- Large digital white-digit display with humidity selection button (3 preset level), internal temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- Equipped with Optiflow forced air circulation system for rapid cooling and temperature distribution within the cell.
- Tropicalized unit (43°C ambient temperature).
- Fitted with 90 mm thickness of cyclopentane insulation for best insulating performance (thermal conductivity: 0,020 W/m*K) and lowest environmental impact (GWP=3).
- 0mm clearance installation space: tower configuration cooling unit guarantee performance with frontal ventilation only; this unique solution allows installation against the wall or side by side with other appliances, even on the cooling unit side to maximize the use of kitchen space.
- Frost Watch Control starts automatically the defrosting process only when needed and ends once ice is melted, improving energy efficiency results.
- Combination of doors and drawers to suit any configuration needed, with the possibility to change the configuration on site. Right cooling unit available on request.

APPROVAL: _____

- 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.
- Anti-tilt runners accept GN 1/1 containers.
- Self closing stainless steel doors (< 90°).
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3) - CFC and HCFC free.

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Refrigerant type: R404a.
- Constructed from the highest quality AISI 304 Stainless steel.
- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.
- CFC and HCFC-free insulation.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- 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.
- Doors are self-closing and can be fully opened up to 180°.
- Extra insulation: 90mm body insulation to minimize energy dispersion.
- Ease of cleaning and high hygiene standards thanks to the rounded internal corners, the easily removable runners, grids and air conveyors.
- Internal structure with 15 charging positions (3 cm pitch) available to host GN 1/1 grids, ensuring higher net capacity and a greater storage space.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Internal and external doors, front and side panels and removable worktop in AISI 304 Stainless steel.
- External bottom panel in stainless steel.
- External back panel in galvanized steel.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Fault code display.

- 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

Included Accessories

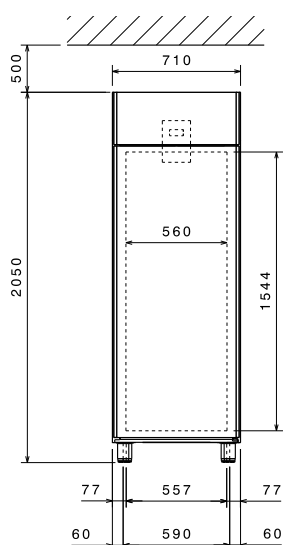
- 3 of Grey rilsan grid with 2 runners, GN 2/1 PNC 881020

Optional Accessories

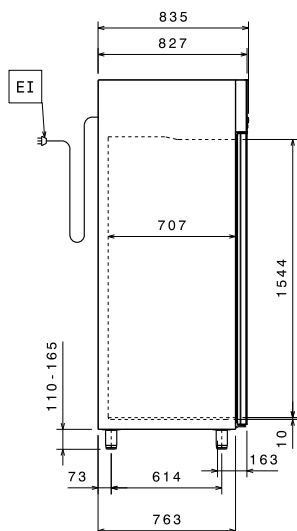
- Grids support with 50 positions for refrigerated cabinets (Crio Smart) PNC 880236
- 2 stainless steel runners for refrigerated cabinets - (Marine) PNC 880242
- Set of 8 GN1/1 PVC containers for fish PNC 880243
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248
- Kit integrated HACCP for digital refrigerators (IR33) PNC 880252
- Pedal opening for cabinets PNC 880324
- Plastic container with false bottom, GN 1/1 PNC 880705
- 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



Front



Side

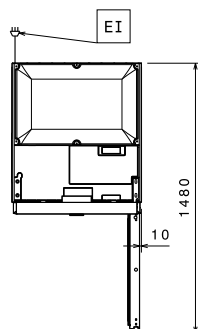


EI = Electrical inlet (power)

RI = Refrigerant Inlet

RO = Refrigerant Outlet

Top



Electric

Supply voltage:	729045 (ARX71GF)	220-230 V/1 ph/50 Hz
Electrical power max.:		0.515 kW
Defrost Power:		0.4 kW
Current consumption:		3.96 Amps
Plug type:		CE-SCHUKO
Energy consumption (min,default):		0 - 0 kW/h

Key Information:

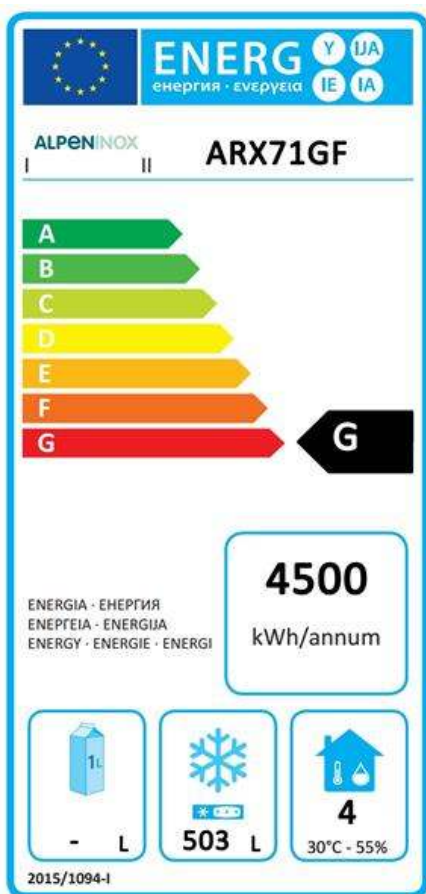
Gross capacity:	670 lt
Net Volume:	503 lt
Door hinges:	Right Side
External dimensions, Width:	710 mm
External dimensions, Height:	2050 mm
External dimensions, Depth:	835 mm
Number and type of doors:	1 Glass
Internal Dimensions (depth):	707 mm
Internal Dimensions (height):	1544 mm
Internal Dimensions (width):	560 mm
Shipping volume:	1.41 m ³
Height adjustment:	20/35 mm
Number and type of grids (included):	3 - GN 2/1

Refrigeration Data

Control type:	Digital
Compressor power:	1 hp
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	322 W
Refrigeration power at evaporation temperature:	-30 °C
Refrigerant weight:	110 g
Min/Max internal humidity:	
Operating temperature min.:	-20 °C
Operating temperature max.:	-15 °C
Operating mode:	Ventilated

Product Information (EU Regulation 2015/1094)

Energy Class:	g
Yearly and daily energy consumption:	4500kWh/year - 12.33kWh/24h
Climate class:	Normal duty (cl.4)
Energy Efficiency Index (EEI):	113,9



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.