

## Crio Smart 1 Door Digital Freezer, 670 lt (-22/-15)

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

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

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

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

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



729130 (ARK71FF)

1-door digital freezer, 670lt  
(-22/-15°C)

### Short Form Specification

**Item No.** \_\_\_\_\_

One full 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; automatic defrost and evaporation of defrost water. Operating temperature: -22/-15 °C. For ambient temperatures up to 43 °C. CFC and HCFC free. R404a gas in refrigeration circuit.

Supplied with n. 3x2/1GN Rilsan coated grids and 2 stainless steel grid runners. Mounted on wheels and equipped with UK plug. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

### Main Features

- Automatic defrost.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Right hinged full door.
- 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.
- 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.
- Rilsan coated grids for improved protection.
- 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 and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms.
- 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

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- 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°.
- Refrigerant type: R404a.
- Constructed from the highest quality AISI 304 Stainless steel.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.

### Included Accessories

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

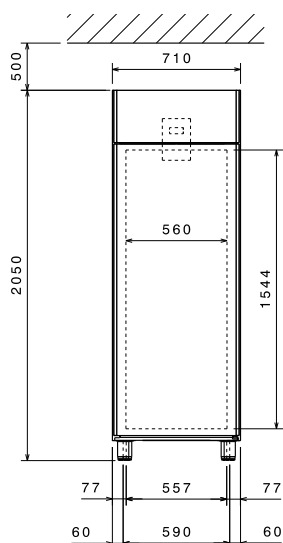
APPROVAL: \_\_\_\_\_

### Optional Accessories

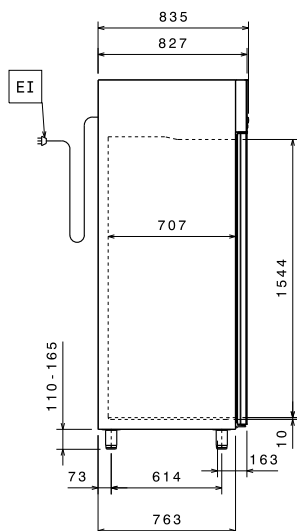
- Grids support with 50 positions for refrigerated cabinets (Crio Smart) PNC 880236
- Grey rilsan grid with 2 runners, GN 2/1 PNC 881020
- Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers PNC 881021



**Front**



**Side**

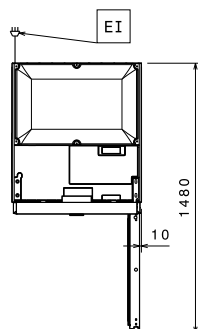


EI = Electrical inlet (power)

RI = Refrigerant Inlet

RO = Refrigerant Outlet

**Top**



### Electric

Supply voltage:	729130 (ARK71FF)	220-230 V/1 ph/50 Hz
Electrical power max.:		0.585 kW
Defrost Power:		0.4 kW
Current consumption:		4 Amps
Plug type:		CE-SCHUKO
Energy consumption (min,default):		0 - 0 kW/h

### Key Information:

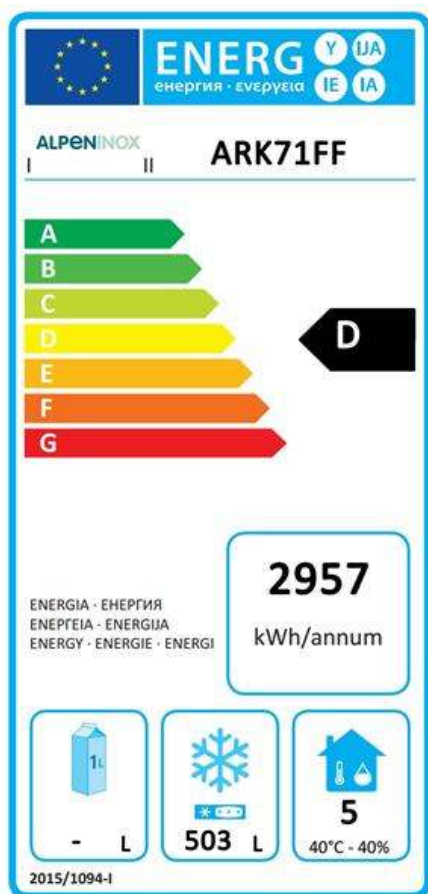
Gross capacity:	670 lt
Net Volume:	503 lt
Door hinges:	Right Side
External dimensions, Width:	710 mm
External dimensions, Height:	2050 mm
External dimensions, Depth:	835 mm
Number and type of doors:	1
Internal Dimensions (depth):	707 mm
Internal Dimensions (height):	1544 mm
Internal Dimensions (width):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

### Refrigeration Data

Control type:	Digital
Compressor power:	3/4 hp
Refrigerant type:	R404a
GWP Index:	3922
Refrigeration power:	707 W
Refrigeration power at evaporation temperature:	-30 °C
Refrigerant weight:	220 g
Min/Max internal humidity:	
Operating temperature min.:	-22 °C
Operating temperature max.:	-15 °C
Operating mode:	Ventilated

### Product Information (EU Regulation 2015/1094)

Energy Class:	D
Yearly and daily energy consumption:	2957kWh/year - 8.1kWh/24h
Climate class:	Heavy Duty (5)
Energy Efficiency Index (EEI):	74,84
Type of model:	vertical frozen



### 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.