ALPENINOX

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

729658 (ARX71GFR)

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

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. Remote refrigeration unit; ventilated operation; internal back light; automatic defrost and evaporation of defrost water. Operating temperature: -20/-15 °C. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- Mounted on adjustable stainless steel legs.
- Performance guaranteed at ambient temperatures of +32°C.
- Adjustable temperature range from -15°C to -20°C to suit all storage requirements.
- Right hinged glass door.
- 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.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- 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.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Right hinged full door.

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Refrigerant type: R404a.
- Remote refrigeration unit.
- Easy access to the main components for maintenance.
- Constructed from the highest quality AISI 304 Stainless steel.
- 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.

APPROVAL:

- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.
- Mounted on adjustable Stainless steel feet, with castors as an option.

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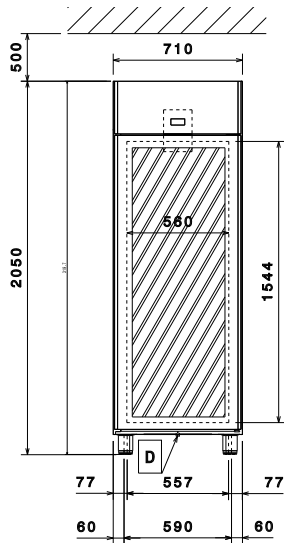
Included Accessories
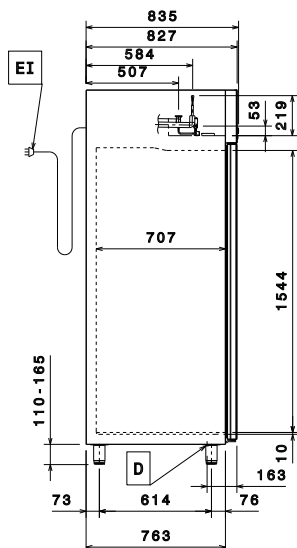
- 3 of 2/1GN gray rilsan grid with 2 runners   PNC 881020

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   ❏
- Remote unit for 670L cabinets and freezer counters - 2 and 3 compartments (R404a)   PNC 881123   ❏
- Glass door protection kit   PNC 881163   ❏
- IOT module for refrigerated cabinets and counters   PNC 881298   ❏
- POE switch   PNC 922432   ❏

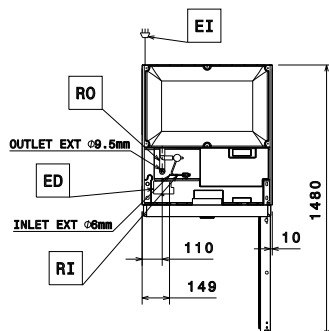**Front**

Side

EI = Electrical inlet (power)
RI = Refrigerant Inlet
RO = Refrigerant Outlet

Top

Electric

Supply voltage:	220-240 V/1 ph/50/60 Hz
Electrical power max:	0.25 kW
Defrost Power:	0.4 kW
Plug type:	CE-SCHUKO

Capacity:

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

Key Information:

Net Volume:	503 lt
Door hinges:	
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:	105 kg
Shipping volume:	1.41 m³
Height adjustment:	20/35 mm
Gross capacity:	670 lt

Refrigeration Data

Control type:	Digital
Min/Max internal humidity:	
Operating temperature min.:	-20 °C
Operating temperature max.:	-15 °C
Compressor power:	
Refrigeration type:	R404A;R452A
Operating mode:	Ventilated
Suggested refrigeration power:	656 W
Condition at evaporation temperature:	-30 °C
Condition at condensation temperature:	55 °C
Condition at ambient temperature:	32 °C
Connection pipes (remote) - outlet:	9.5 mm
Connection pipes (remote) - inlet:	6 mm

Sustainability

Current consumption:	1.1 Amps
Refrigerant type:	
GWP Index:	
Refrigeration power:	0 W
Refrigerant weight:	0 g
Energy consumption (min,default):	0 - 0 kW/h

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Energy consumption (min,default):   0 - 0 kW/h

Energy Class (EU Reg. 2015/1094):

Yearly and daily energy consumption (EU Reg. 2015/1094):

Climate class (EU Reg. 2015/1094):

Energy Efficiency Index-EEI (EU Reg. 2015/1094):

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

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