ALPENINOX

Crio Smart
1 Glass Door Digital Freezer, 670lt (-20/-15) Remote (R404A/R452a)

729504 (ARX71GFR) 1-glass door freezer 670lt, -20-15°C, digital, remote cooling unit, (R404A/R452A), AISI 304

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. For ambient temperatures up to 32 °C. CFC and HCFC free.

Main Features

- 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.
- Adjustable temperature range from -15°C to -20°C to suit all storage requirements.
- 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.
- 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.
- Mounted on adjustable stainless steel legs.
- Led lights on the door guarantee an even light in the cavity.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).

Construction

- Interior base with rounded corners, pressed from a single sheet.
- 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.
- 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°.
- Lockable door.
- Remote refrigeration unit.
- Refrigerant type: R452a or R404A.
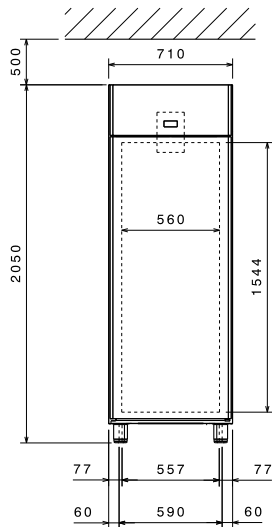- CFC and HCFC-free insulation.

Included Accessories

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

Optional Accessories
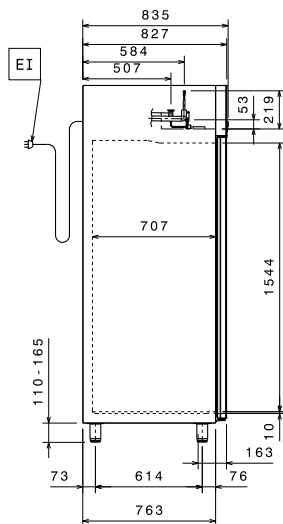
APPROVAL:

- 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 ❏
- Kit integrated HACCP for digital refrigerators (IR33)   PNC 880252 ❏
- Pedal opening for cabinets   PNC 880324 ❏
- 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 ❏

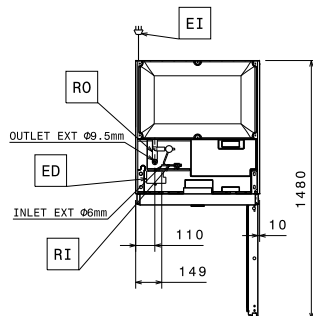**Crio Smart
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The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

2023.04.05

ALPENINOX

Front

500
710
2050
560
1544
77 | 557 | 77
60 | 590 | 60

Side

835
827
584
507
EI
53
219
707
1544
110-165
10
163
73 | 614 | 76
763

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

Top

EI
RO
OUTLET EXT Φ9.5mm
ED
1480
INLET EXT Φ6mm
RI
110 | 10
149

Electric

Supply voltage:

729504 (ARX71GFR)	220-240 V/1 ph/50/60 Hz
Electrical power max.:	0.245 kW

Key Information:

Gross capacity:	670 lt
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2050 mm
Number and type of doors:	1 Glass
Height adjustment:	20/35 mm
Number and type of grids (included):	3 - GN 2/1
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	44; 30 mm

Refrigeration Data

Operating temperature min.:	-20 °C
Operating temperature max.:	-15 °C
Refrigeration type:	R404A;R452A
Operating mode:	Ventilated
Cooling unit:	Remote
Defrost type:	Electric
Suggested refrigeration power:	590 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
*Note:	Ref. power calculated at a linear distance of 15 meters.

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