ALPENINOX

Crio Smart
1 Door Digital Stainless Steel Freezer, 670lt (-22/-15) on wheels - R290

729636 (ARX71FFHW)   1-door freezer 670lt, with wheels, -22-15°C, digital, AISI 304, R290

Short Form Specification

Item No.

Full door freezer with internal and external structure in 430 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. On-site reversible 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. CFC and HCFC free. R290 gas in refrigeration circuit. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- 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.
- Rilsan coated grids for improved protection.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- 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.
- 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.
- Tropicalized unit.

Construction

- 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.
- AISI 430 stainless steel internal structure and external panels.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- External back panel in galvanized steel.
- Interior base with rounded corners, pressed from a single sheet.
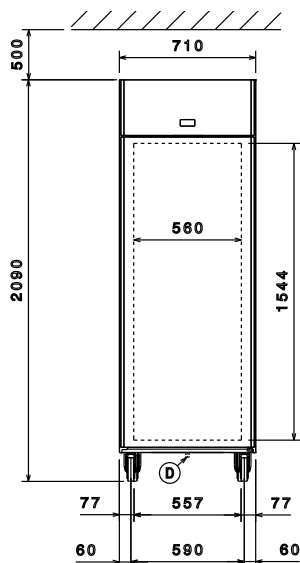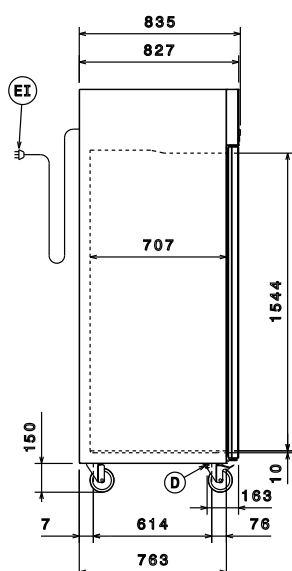
APPROVAL:

Sustainability

- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- 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.

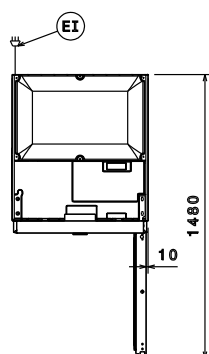2025.04.25

Included Accessories

- 1 of 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models — PNC 881002
- 3 of 2/1GN gray rilsan grid with 2 runners — PNC 881020

Optional Accessories

- 2 stainless steel runners for refrigerated cabinets - (Marine) — PNC 880242 ❏
- Spacer for 670L and 1430L refrigerated cabinets — PNC 880248 ❏
- Pedal opening for cabinets — PNC 880324 ❏
- Kit remote alarm — PNC 880570 ❏
- Ethernet connectivity kit IJF for Refrigeration — PNC 880685 ❏
- Plastic container with false bottom, 1/1GN — PNC 880705 ❏
- 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models — PNC 881002 ❏
- 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 ❏
- Meat rail for 670/1430L refrigerators with 4 hooks — PNC 881019 ❏
- 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 ❏
- IOT module for refrigerated cabinets and counters — PNC 881298 ❏
- POE switch — PNC 922432 ❏

Front

Side

EI = Electrical inlet (power)

Top

Electric

Supply voltage:	220-240 V/1 ph/50 Hz
Electrical power max:	0.51 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
Internal Dimensions, Width:	560 mm
Internal Dimensions, Depth:	707 mm
Internal Dimensions, Height:	1544 mm
Net weight:	106 kg
Shipping volume:	1.41 m³
Height adjustment:	20/35 mm
Gross capacity:	670 lt
Type of model (EU Regulation. 2015/1094):	vertical frozen

Refrigeration Data

Control type:	Digital
Refrigeration power at evaporation temperature:	-30 °C
Min/Max internal humidity:	
Operating temperature min.:	-22 °C
Operating temperature max.:	-15 °C
Compressor power:	1 hp
Operating mode:	Ventilated

Sustainability

Current consumption:	3.7 Amps
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	568 W
Refrigerant weight:	95 g
Energy consumption (min,default):	0 - 0 kW/h
Energy Class (EU Reg. 2015/1094):	D
Yearly and daily energy consumption (EU Reg. 2015/1094):	2868kWh/year - 8kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	72,59

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

2025.04.25

ENERG

ARX71FFHW

A+++
A++
A+
A
B
C
D
E
F
G

D

ENERGIA · ЕНЕРГИЯ
ENEPГEIA · ENERGIJA
ENERGY · ENERGIE · ENERGI

2868
kWh/annum

1L

- L

503 L

5
40°C - 40%

2015/1094-IV

ENERGY

ARX71FFHW

A+++
A++
A+
A
B
C
D
E
F
G

D

2868
kWh/annum

1L

- L

503 L

5
40°C - 40%

2015/1094-IV

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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