# 1 Door Digital Freezer with pressed guides, 670lt (-22/-15) - R290 - Class B

**729740 (ARX71FFHPC)**
1-door freezer 670lt, -22-15°C, pressed guides, digital, AISI 304, R290, Class B

## Main Features

- Automatic defrost.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Cabinet fitted with up to 90 mm thickness of cyclopentane insulation for best insulating performance with 100% environmental protection (thermal conductivity: 0,020 W/m*K).
- Tropicalized unit.
- Combining outstanding energy efficiency with reliable performance, the HPe range stands out thanks to its innovative pressed guides design and refined ergonomics.
- Airflow system ensures consistent cooling distribution throughout the cabinet, even at full capacity; it is enabled by the vertical optimized spacing between guides, which facilitates unobstructed air circulation (Patent Pending - EP25203398.0).

## Construction

- Lockable door.
- Constructed from the highest quality AISI 304 Stainless steel.
- Easy access to the main components for maintenance.
- Anti-corrosion bottom material 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°.
- The one-piece pressed guides, together with rounded internal corners, ensure fast and hygienic cleaning to the highest standards.

## User Interface & Data Management

- 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.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Connect the product (with accessory) to the OneConnected Platform via Wi Fi or ethernet connection for a seamless remote experience. Real-time monitoring and analytics, alarm management, HACCP data management, APIs, and advanced features keep your fridge fully under control.

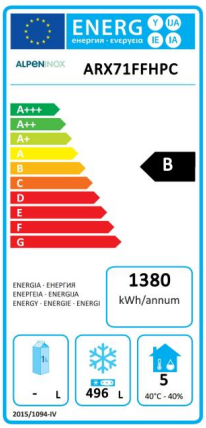


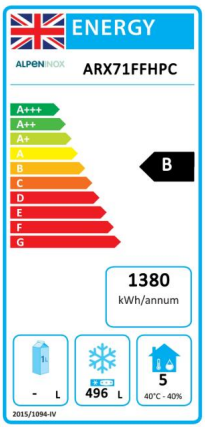
The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

# A focus on sustainability

## Sustainability

- 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.
- Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3), to reduce green house and ozone depletion effects.




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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## Certifications & Recognitions

International system for mutual acceptance of test reports and certificates concerning the safety of electrical and electronic components, equipment, and products.

Product assessed by the manufacturer and deemed to meet EU safety, health, and environmental protection requirements.



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# Technical specifications

**Electric**

| | |
|---|---|
| **Supply voltage:** | 220-240 V/1 ph/50 Hz |
| **Compressor power:** | 1 hp |

**Key Information:**

| | |
|---|---|
| **Number and type of grids (included):** | 3 (GN 2/1) |
| **Net Volume:** | 496 lt |
| **N° of doors:** | 1 |
| **External dimensions, Width:** | 740 mm |
| **External dimensions, Depth:** | 885 mm |
| **External dimensions, Depth with Doors Open:** | 1480 mm |
| **External dimensions, Height:** | 2080 mm |
| **Type of external material:** | Stainless Steel AISI 304 |
| **Type of internal material:** | Stainless Steel AISI 304 |
| **Internal panels material:** | Stainless Steel AISI 304 |
| **Number of positions & pitch:** | 24; 55 mm |
| **Gross capacity:** | 670 liter |

**Refrigeration Data**

| | |
|---|---|
| **Control type:** | Digital |
| **Refrigeration power at evaporation temperature:** | -30 °C |
| **Operating temperature min.:** | -22 °C |
| **Operating temperature max.:** | -15 °C |
| **Operating mode:** | Ventilated |
| **Cooling unit:** | Built-In |
| **Defrost type:** | Electric |

**Sustainability**

| | |
|---|---|
| **Refrigerant type:** | R290 |
| **Refrigeration power:** | 322 W |
| **Refrigerant weight:** | 85 g |
| **Energy Class (EU Reg. 2015/1094):** | B |
| **Climate class (EU Reg. 2015/1094):** | Heavy Duty (5) |
| **Energy Efficiency Index-EEI (EU Reg. 2015/1094):** | 34.92 |



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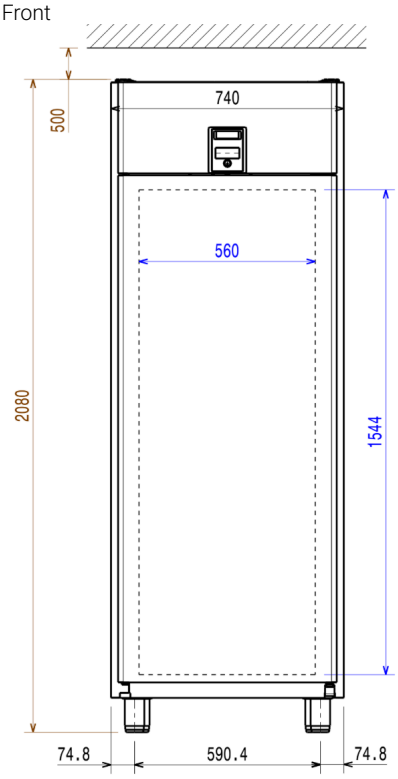
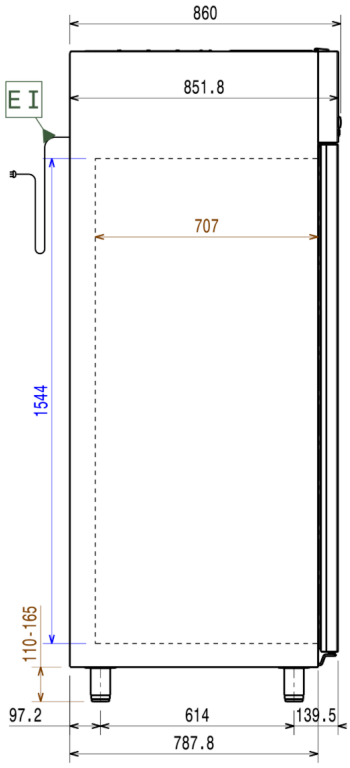
# Installation drawings

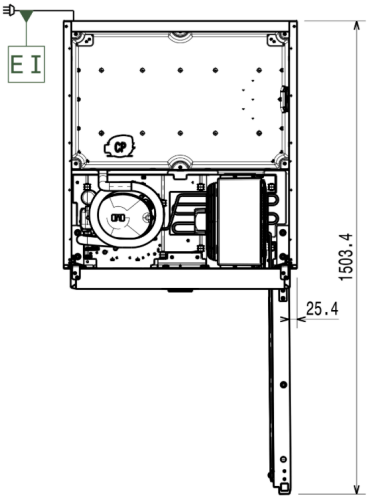
Front



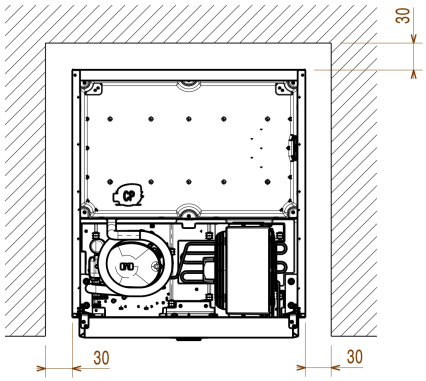

Side




Top




Distances




EI = Electrical inlet (power)
RI = Refrigerant Inlet

RO = Refrigerant Outlet

# Accessories

## Included Accessories

| PNC Code | Description | Quantity |
|---|---|---|
| 881004 | 2/1GN gray rilsan grid | 3 |

## Optional Accessories

| PNC Code | Description |
|---|---|
| **Baskets** | |
| 881043 | 1/1GN rilsan steel wire basket h150mm |
| **Containers, trays and grids** | |
| 880705 | Plastic container with false bottom, 1/1GN |
| 881004 | 2/1GN gray rilsan grid |
| 881016 | AISI 304 stainless steel grid, 2/1GN |
| 881019 | Meat rail for 670/1430L refrigerators with 4 hooks |
| 881042 | 2/1GN perforated shelf |
| **Feet, wheels and ramps** | |
| 880324 | Pedal opening for cabinets |
| 881002 | 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models |
| **Panels** | |
| 881251 | SPACER FOR 670L & 1430L HPe CABINETS |
| **Other accessories** | |
| 880685 | Ethernet connectivity kit IJF for Refrigeration |
| 881298 | IoT module for refrigerated cabinets and counters |
| 922432 | POE switch |

## Recommended Detergents

| PNC Code | Description |
|---|---|
| 0S2881 | S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T |
| 0S2883 | S03 ALCOHOL BASE DETERGENT; 6 BOTTLES X 750ML; ADR&IMDG&IATA Limited Quantity |
| 0S2884 | S04 GLASSES & HARD SURFACES CLEANERS; 6 BOTTLES X 750ML |
| 0S3257 | S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity |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