

**R290** **111369 (ZRX71FFHPC)**

1-door freezer 670lt, -22-15°C, pressed guides, digital, AISI 304, R290, Class B

Main Features

- Automatic defrost.
- 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.
- Multi-directional Optiflow 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).
- Combining outstanding energy efficiency with reliable performance, the HPe range stands out thanks to its innovative pressed guides design and refined ergonomics.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.

Construction

- Lockable door.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- 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

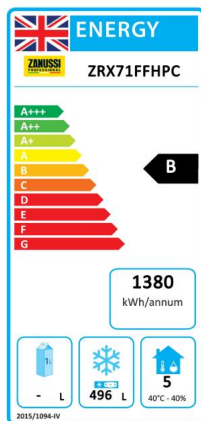
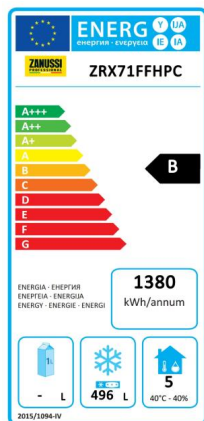
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- 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.



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.
- CFC and HCFC free (highly ecological refrigerant type: R290).



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.



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
Type of model:	vertical freezer

Refrigeration Data

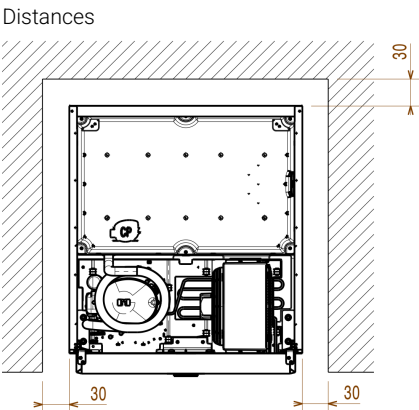
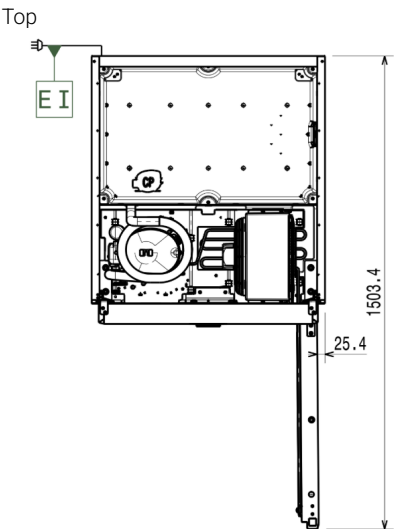
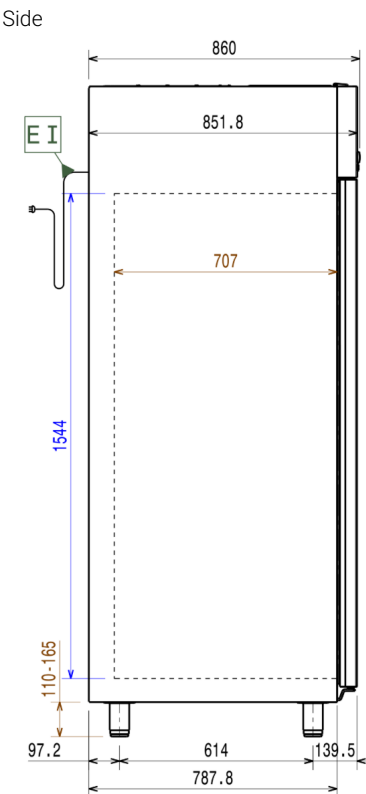
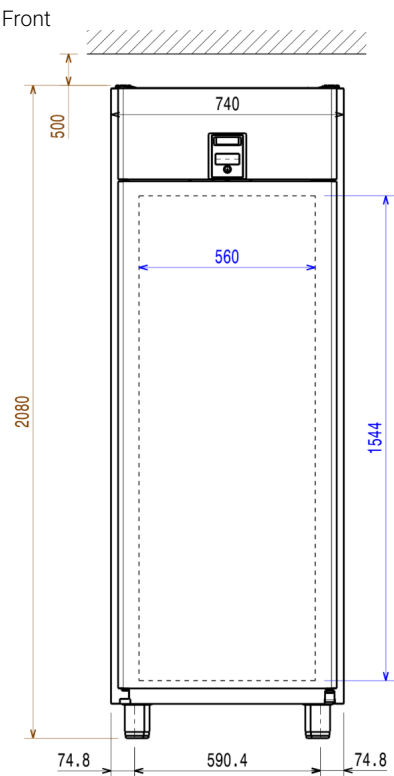
Control type:	Digital
Refrigeration power at evaporation temperature:	-30 °C
Min/Max internal humidity:	/
Operating temperature min.:	-22 °C
Operating temperature max.:	-15 °C
Operating mode:	Ventilated

Sustainability

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



Installation drawings



EI = Electrical inlet (power)
RI = Refrigerant Inlet

RO = Refrigerant Outlet

Accessories

Included Accessories

PNC Code	Description	Quantity
881004	2/1GN grey rilsan grid	3

Optional Accessories

PNC Code	Description
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Baskets

881043	1/1GN rilsan steel wire basket h=150mm
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Containers, trays and grids

880705	1/1GN plastic container with false bottom
881004	2/1GN grey rilsan grid
881016	2/1GN aisi 304 stainless steel grid
881019	Meat rail for 670/1430lt 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
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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

