

**111318 (ZR471FFC)**

1-door freezer 670lt, -22-15°C, digital, stainless steel, R290, Class B

Main Features

- Automatic defrost.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Right hinged full door.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- 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.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Tropicalized unit.

Construction

- Lockable door.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- 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.
- 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°.
- AISI 430 stainless steel internal structure and external panels.

User Interface & Data Management

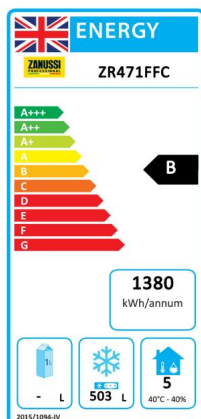
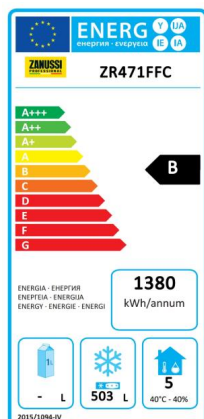
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Integrated RS485 port 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 (ecological gas in foam: cyclopentane). Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3), to reduce green house and ozone depletion effects.
- Fitted with 90 mm thickness of cyclopentane insulation for best insulating performance (thermal conductivity: 0,020 W/m*K) and lowest environmental impact (GWP=3).



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:	3/4 hp

Key Information:

Number and type of grids (included):	3 (GN 2/1)
Net Volume:	503 lt
External dimensions, Width:	740 mm
External dimensions, Depth:	860 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2080 mm
Number and type of doors:	1 Full
Type of external material:	Stainless Steel AISI 430
Type of internal material:	Stainless Steel AISI 430
Internal panels material:	Stainless Steel AISI 430
Number of positions & pitch:	44; 30 mm
Gross capacity:	670 liter
Type of model:	vertical freezer

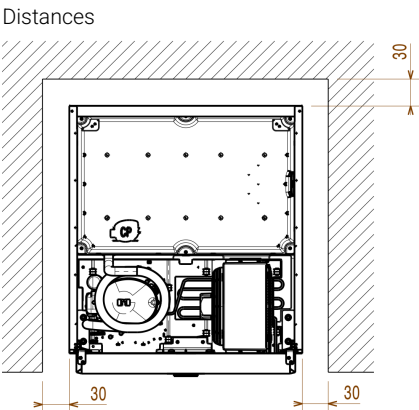
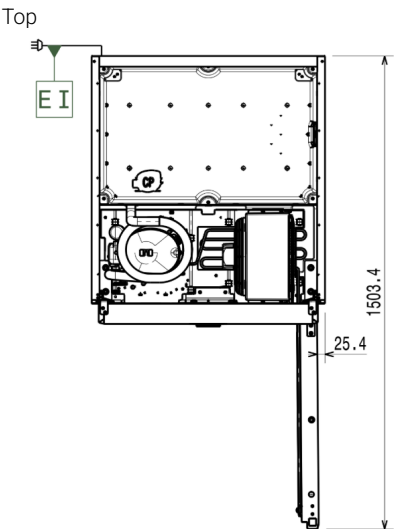
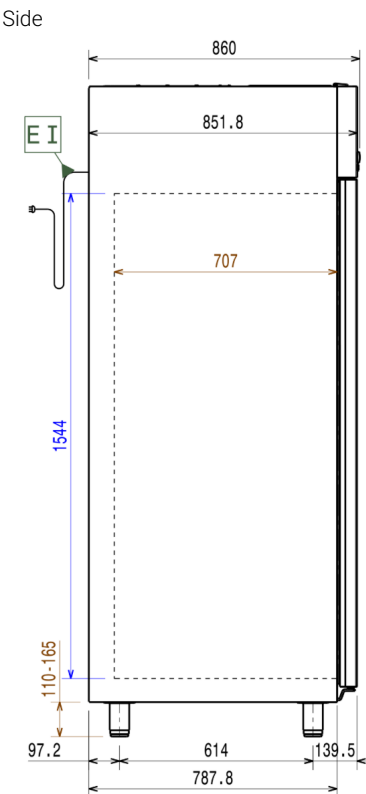
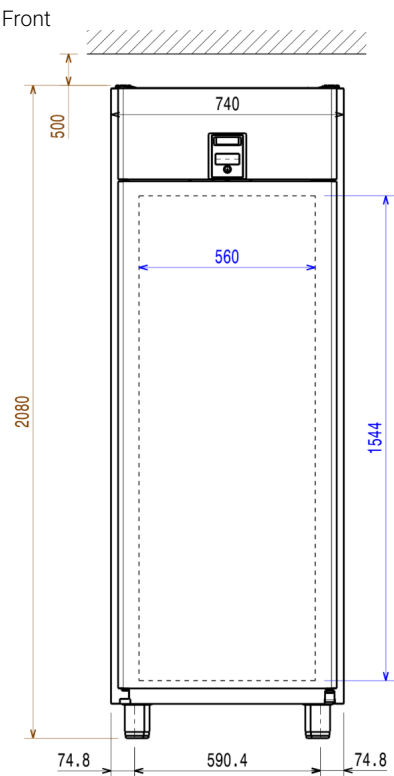
Refrigeration Data

Control type:	Digital
Refrigeration power at evaporation temperature:	-23.3 °C
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Operating mode:	Ventilated

Sustainability

Refrigerant type:	R290
Refrigeration power:	707 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
881020	2/1GN grey rilsan grid with 2 runners	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

880242	2 stainless steel runners for refrigerated cabinets (Marine)
880243	Set of 8 GN1/1 PVC containers for fish
880705	1/1GN plastic container with false bottom
881003	Kit to fit 10 pastry trays (400x600mm)
881004	2/1GN grey rilsan grid
881016	2/1GN aisi 304 stainless steel grid
881018	2/1GN 304 AISI stainless steel grid with 2 runners
881020	2/1GN grey rilsan grid with 2 runners
881021	Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers
881039	2/1GN pvc container with lid and 2 runners
881042	2/1GN perforated shelf
881047	2/1GN grey rilsan basket+2 runners h=150mm

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

