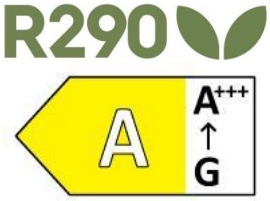
NAU Maxi HPe

1 Door Digital Refrigerator with pressed guides, 670lt (-2/+10) - R290 - Class A



111368 (ZRX71FRHPA)
1-door refrigerator 670lt, -2+10°C, pressed guides, digital, AISI 304, R290, Class A

Main Features

- Automatic defrost.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- 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.

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.

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

User Interface & Data Management

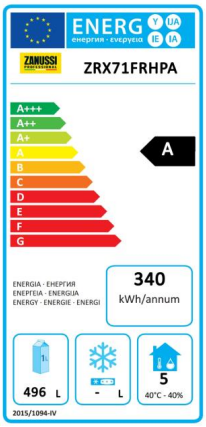
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Integrated RS485 port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

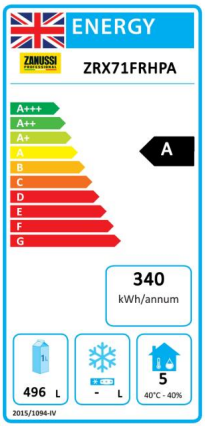
The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

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.
- 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.

Important: all products which consume energy above the minimum level will not be able to be sold within the EU from 1 July 2016.

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.

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

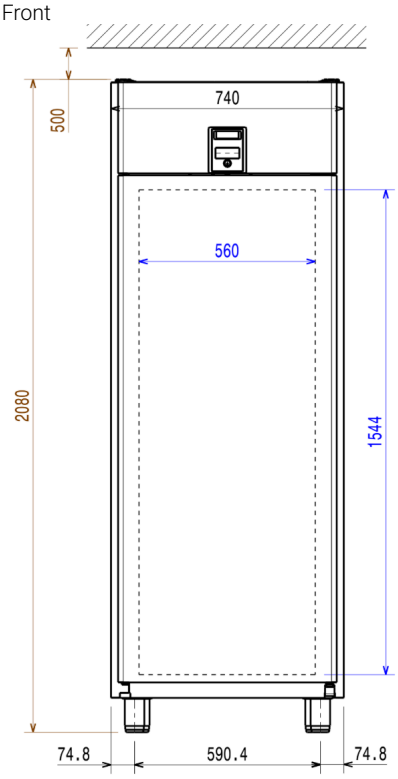
Technical specifications

Electric	
Supply voltage:	220-240 V/1 ph/50 Hz
Compressor power:	1/5 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:	860 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 chilled
Refrigeration Data	
Control type:	Digital
Refrigeration power at evaporation temperature:	-10 °C
Min/Max internal humidity:	70/90
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated
Sustainability	
Refrigeration power:	278 W
Refrigerant weight:	110 g
Energy Class (EU Reg. 2015/1094):	A
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	23.69

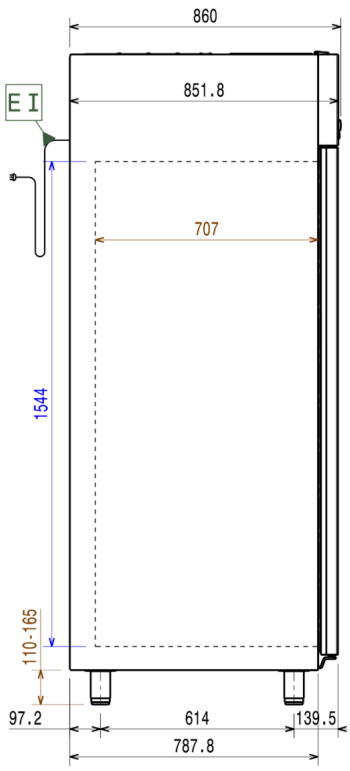
The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

Installation drawings

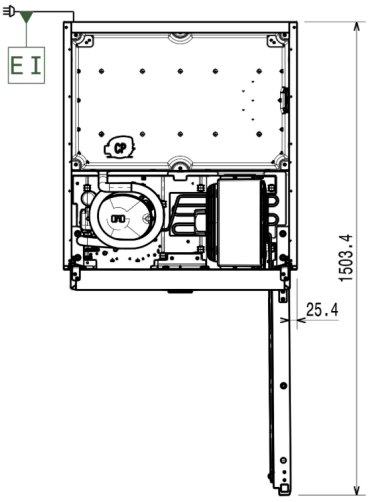
Front



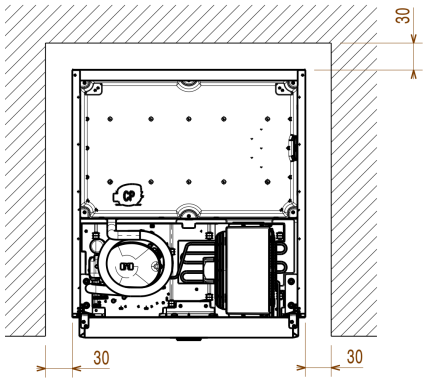
Side



Top



Distances



EI = Electrical inlet (power)
RI = Refrigerant Inlet

RO = Refrigerant Outlet

Accessories

Optional Accessories

PNC Code	Description
Baskets	
881043	1/1GN rilsan steel wire basket h=150mm
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
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

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