

# NAU Maxi 1 Door Digital Refrigerator, 670lt (+2/+10) R290

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



110377 (ZRX71FRH)

1-door refrigerator  
670lt, -2+10°C (R290), digital,  
AISI 304

## Short Form Specification

### Item No.

Full door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital display featuring humidity selection button (3 preset level), cabinet temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads). HACCP-compliant control with alarms and history. Automatic defrost activates only when required with automatic evaporation of defrost water. Three probes to constantly monitor the working conditions of the appliance. Optimized back to front forced air flow and removable air conveyors provide 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; Internal LED light. For ambient temperatures up to 43 °C. CFC and HCFC free. R290a gas in refrigeration circuit.

Supplied with n. 4x2/1GN Rilsan coated grids and n. 4 sets of 2 stainless steel grid runners. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

APPROVAL: \_\_\_\_\_

## Main Features

- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Automatic defrost.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- 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<sup>2</sup>K).
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Rilsan coated grids for improved protection.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Right hinged full door.
- Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms.
- Tropicalized unit (43°C ambient temperature).
- This appliance is intended for use in ambient temperatures up to 40°C.
- 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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).

## Construction

- Interior base with rounded corners, pressed from a single sheet.
- 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.
- Lockable door.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- Doors are self-closing and can be fully opened up to 180°.
- CFC and HCFC-free insulation.
- R290 refrigerant to reduce green house and ozone depletion effects.
- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.



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- Mounted on adjustable Stainless steel feet, with castors as an option.
- Easy access to the main components for maintenance.



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

2020.06.15

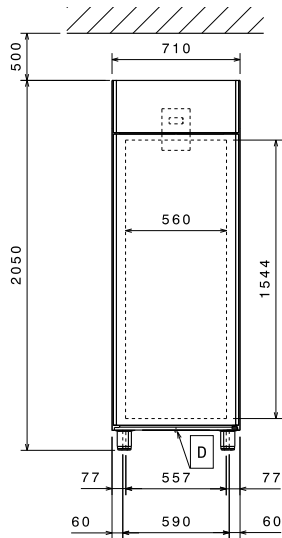
**Included Accessories**

- 3 of 2/1GN grey rilsan grid with 2 runners PNC 881020

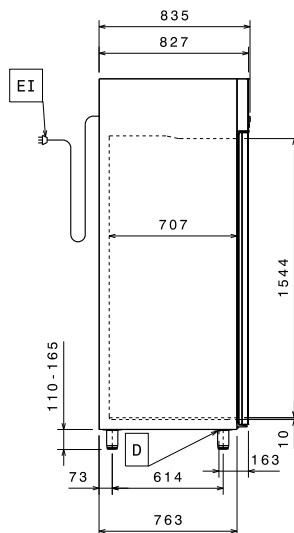
**Optional Accessories**

- 2 stainless steel runners for refrigerated cabinets (Marine) PNC 880242
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248
- Kit integrated HACCP for digital refrigerators (IR33) PNC 880252
- Pedal opening for cabinets PNC 880324
- 1/1GN plastic container with false bottom PNC 880705
- 4 swivelling wheels (2 with brake) for refrigerators, diam 125 mm, NOT for Glass Door and remote models PNC 881002
- Kit to fit 10 pastry trays (400x600mm) PNC 881003
- 2/1GN grey rilsan grid PNC 881004
- 2/1GN aisi 304 stainless steel grid PNC 881016
- 2/1GN 304 AISI stainless steel grid with 2 runners PNC 881018
- Meat rail for 670/1430lt refrigerators with 4 hooks PNC 881019
- 2/1GN grey rilsan grid with 2 runners PNC 881020
- Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers PNC 881021
- 2/1GN perforated shelf PNC 881042
- 1/1GN rilsan steel wire basket h=150mm PNC 881043
- Kit HACCP EKIS PNC 922166

**Front**



**Side**

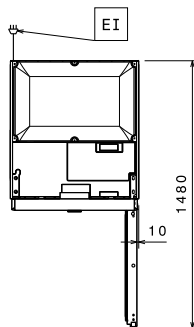


EI = Electrical inlet (power)

RI = Refrigerant Inlet

RO = Refrigerant Outlet

**Top**



**Electric**

Supply voltage:  
110377 (ZR71FRH) 220-230 V/1 ph/50 Hz  
Electrical power max.: 0.2 kW

**Key Information:**

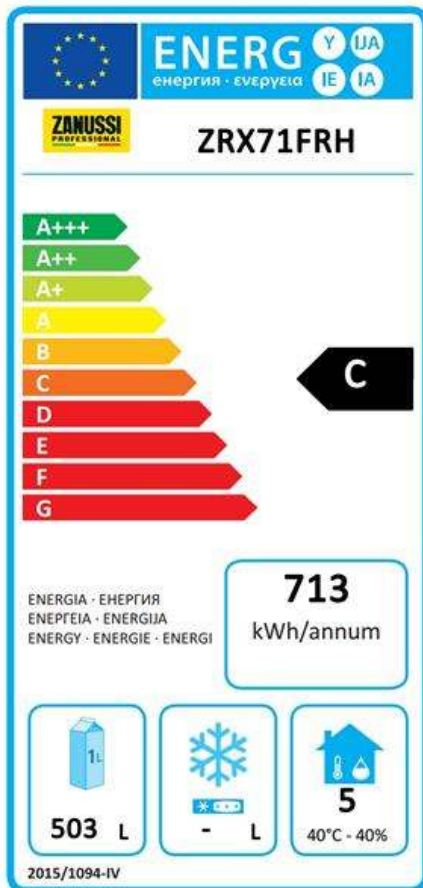
Gross capacity: 670 lt  
Net Volume: 503 lt  
Door hinges:  
External dimensions, Width: 710 mm  
External dimensions, Height: 2050 mm  
External dimensions, Depth: 835 mm  
External dimensions, Depth with Doors Open: 1480 mm  
Number and type of doors: 1 Full  
Number and type of grids (included): 3 - GN 2/1  
Type of external material: 304 AISI  
Type of internal material: 304 AISI  
Internal panels material: 304 AISI  
Number of positions & pitch: 44; 30 mm

**Refrigeration Data**

Control type: Digital  
Refrigerant type: R290  
Refrigeration power: 278 W  
Refrigeration power at evaporation temperature: -10 °C  
Operating temperature min.: -2 °C  
Operating temperature max.: 10 °C  
Operating mode: Ventilated

**Product Information (EU Regulation 2015/1094)**

Energy Class: C  
Yearly and daily energy consumption: 713kWh/year - 1.95kWh/24h  
Climate class: Heavy Duty (5)  
Energy Efficiency Index (EEI): 49,67  
Type of model: vertical chilled



**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.