

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

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

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

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

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

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

**110971 (Z4142FN)**1-door refrigerator  
670lt, -2/+10°C, digital,  
stainless steel, R290

### Short Form Specification

#### Item No.

Full door refrigerator with internal and external structure in 430 AISI stainless steel; external back panel in galvanized steel and bottom panel in anti-corrosive material. Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms. Optimized back to front forced air flow provides 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; automatic defrost and evaporation of defrost water. Operating temperature: -2/+10 °C. For ambient temperatures up to 43 °C. CFC and HCFC free. R290 gas in refrigeration circuit. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

### Main Features

- 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.
- Tropicalized unit (43°C ambient temperature).
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Right hinged full door.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Easy serviceability thanks to the intuitive control panel with remote access via app.
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- This appliance is intended for use in ambient temperatures up to 40°C.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- Automatic defrost.
- 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\*K).
- 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.
- Rilsan coated grids for improved protection.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms.

### Construction

- AISI 430 stainless steel internal structure and external panels.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- Interior base with rounded corners, pressed from a single sheet.
- External back panel in galvanized steel.
- Lockable door.
- 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 avoids any damage that may be caused to the cabinet by aggressive detergents

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

employed to clean the floors.

- Doors are self-closing and can be fully opened up to 180°.

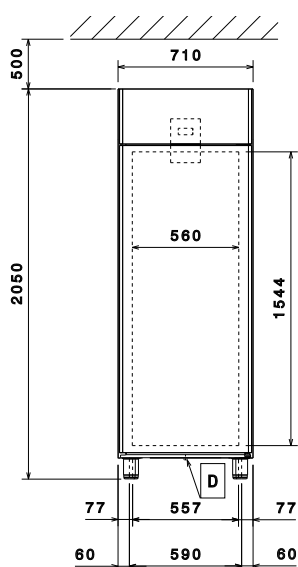
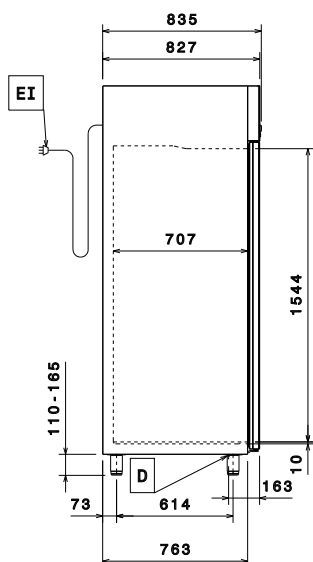
## Included Accessories

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

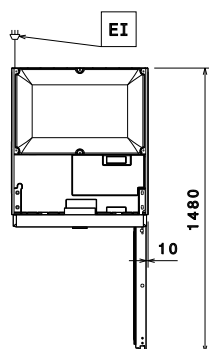
## Optional Accessories

- 2 stainless steel runners for refrigerated cabinets (Marine) PNC 880242 ☐
- Set of 8 GN1/1 PVC containers for fish PNC 880243 ☐
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248 ☐
- Ethernet connector for Refrigerators (CAREL-IR33) PNC 880252 ☐
- Kit to fit pastry trays (400x600mm) PNC 880333 ☐
- Kit of 6 swivelling wheels, 2 with brake, diam 50 mm PNC 880340 ☐
- Ethernet connectivity kit IJF for Refrigeration PNC 880685 ☐
- 1/1GN plastic container with false bottom PNC 880705 ☐
- 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models PNC 881002 ☐
- 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 pvc container with lid and 2 runners PNC 881039 ☐
- 2/1GN perforated shelf PNC 881042 ☐
- 1/1GN rilsan steel wire basket h=150mm PNC 881043 ☐
- 3 grey rilsan central grids for 1430lt (not for glass door) PNC 881044 ☐
- 2/1GN grey rilsan basket+2 runners h=150mm PNC 881047 ☐

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


**Front**

**Side**

**EI** = Electrical inlet (power)


**Top**

## Electric

### Supply voltage:

**110971 (Z4142FN)** 220-240 V/1 ph/50 Hz

### Electrical power max.:

0.2 kW

## Key Information:

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

## Refrigeration Data

<b>Control type:</b>	Digital
<b>Compressor power:</b>	1/5 hp
<b>Refrigeration power at evaporation temperature:</b>	-10 °C
<b>Operating temperature min.:</b>	-2 °C
<b>Operating temperature max.:</b>	10 °C
<b>Operating mode:</b>	Ventilated

## Product Information (EU Regulation 2015/1094)

<b>Type of model (EU Reg. 2015/1094):</b>	vertical chilled
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## Sustainability

<b>Energy Class (EU Reg. 2015/1094):</b>	C
<b>Yearly and daily energy consumption (EU Reg. 2015/1094):</b>	713kWh/year - 2kWh/24h
<b>Climate class (EU Reg. 2015/1094):</b>	Heavy Duty (5)
<b>Energy Efficiency Index-EEI (EU Reg. 2015/1094):</b>	49.67
<b>Refrigerant type:</b>	R290
<b>GWP Index:</b>	3
<b>Refrigeration power:</b>	278 W
<b>Refrigerant weight:</b>	70 g

## 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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