

NAU Maxi HP 1 Door Digital Freezer, 670lt (-22/-15) - R290 - Class C

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



110582 (ZRX71FFH)

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

Short Form Specification

Item No.

Full door freezer entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital display featuring 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. Active defrost activates only when required with automatic evaporation of defrost water. Three probes to constantly monitor the working conditions of the appliance. Optiflow: back to front forced air flow and removable air conveyors 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; Internal LED light. For ambient temperatures up to 43 °C. CFC and HCFC free. R290 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.

Main Features

- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to two months of event are kept in memory.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- 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.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Large digital white-digit display with cabinet temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- Airflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Provided with stainless steel A304 grids.
- IQ Defrost: fully automatic defrost starts only when ice is actually building-up in the evaporator.
- 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 (43°C ambient temperature).
- 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.

Construction

- Constructed from the highest quality AISI 304 Stainless steel.
- Interior base with rounded corners, pressed from a single sheet.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- 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.
- Easy access to the main components for maintenance.
- Lockable door.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- R290 refrigerant to reduce green house and ozone depletion effects.
- CFC and HCFC-free insulation.
- The label complies with the delegated regulation (UE)

APPROVAL: _____

2015/1094 of the commission of 5th may 2015.

Included Accessories

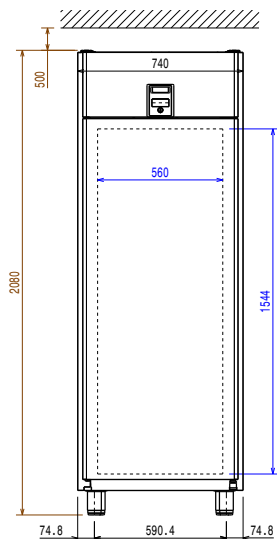
- 3 of 2/1GN grey rilsan grid with 2 runners PNC 881020

Optional Accessories

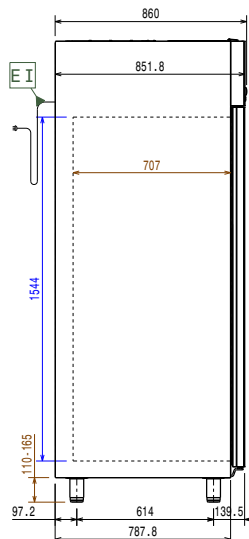
- Grids support with 50 positions for NAU Maxi cabinets PNC 880236 ☐
- 2 stainless steel runners for refrigerated cabinets (Marine) PNC 880242 ☐
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248 ☐
- Kit integrated HACCP for digital refrigerators (IR33) PNC 880252 ☐
- Pedal opening for 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 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 ☐
- 2/1GN grey rilsan basket+2 runners h=150mm PNC 881047 ☐

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Front

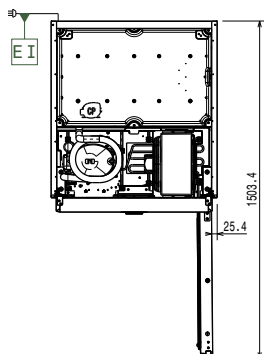


Side



EI = Electrical inlet (power)
 RI = Refrigerant Inlet
 RO = Refrigerant Outlet

Top



Electric

Supply voltage:

110582 (ZRX71FFH)

220-240 V/1 ph/50 Hz

Electrical power max.:

0.44 kW

Key Information:

Gross capacity:

670 lt

Capacity:

670 lt / Bottle .75L Bordeaux

Door hinges:

External dimensions, Width:

740 mm

External dimensions, Height:

2080 mm

External dimensions, Depth:

860 mm

External dimensions, Depth with

Doors Open:

1480 mm

Number and type of doors:

1

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:

322 W

Refrigeration power at evaporation temperature:

-30 °C

Refrigerant weight:

100 g

Operating temperature min.:

-22 °C

Operating temperature max.:

-15 °C

Operating mode:

Ventilated

Product Information (EU Regulation 2015/1094)

Energy Class:

C

Yearly and daily energy consumption:

1935kWh/year - 5.3kWh/24h

Climate class:

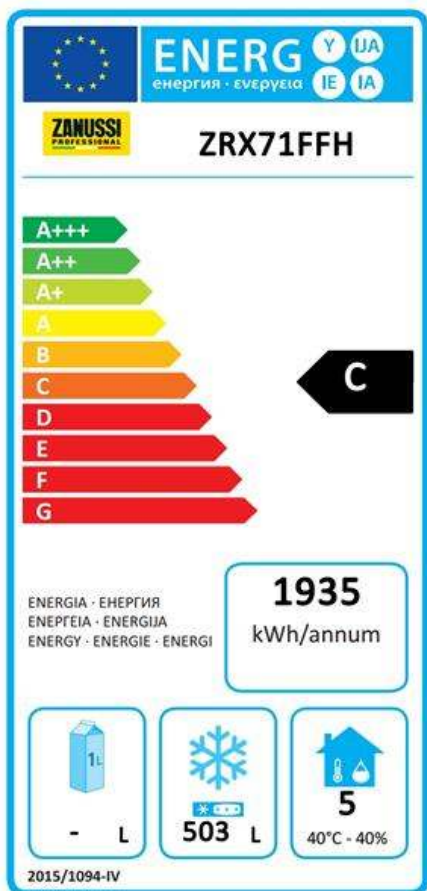
Heavy Duty (5)

Energy Efficiency Index (EEI):

48,98

Type of model:

vertical frozen



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.