NPT Active
1 Door Digital Freezer, 670lt
(-22/-15) - R290

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____

110587 (NP71FFLC)   1-door freezer 670lt, -22-15°C, digital, left hinged, AISI 304, R290

110588 (NP71FFC)   1-door freezer 670lt, -22-15°C, digital, AISI 304, R290

Short Form Specification

Item No. _____

Left-hinged full door freezer entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital white-digit display with cabinet temperature display and setting. Bluetooth technology included allows to keep HACCP historical data and download them through the app. HACCP-compliant control with alarms and history. Active defrost to defrost only when required with automatic evaporation of defrost water. 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

- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- 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).
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Rilsan coated grids for improved protection.
- Tropicalized unit (43°C ambient temperature).
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Large digital white-digit display with cabinet temperature display and setting. Bluetooth technology included allows to keep HACCP historical data and download them through the app.
- Internal structure with 44 charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Zanussi Professional Fridge Control APP make the life easier for our customers:
  - Monitor safety of preservation process thanks to HACCP data & alarms precise control
  - Save time and easy data management having the possibility to send the HACCP information in excel format directly to e-mail address
  - Quick operations: set the cabinet temperature/turbocooling and set date/hour
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to 30 days of event are kept in memory.

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.

APPROVAL: _____

Included Accessories

- 4 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   ❏
- Pedal opening for cabinets   PNC 880324   ❏
- 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   ❏
- 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   ❏
- 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   ❏
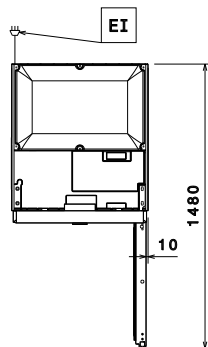
Front
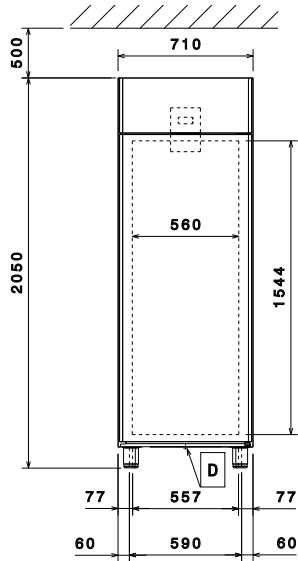
Side
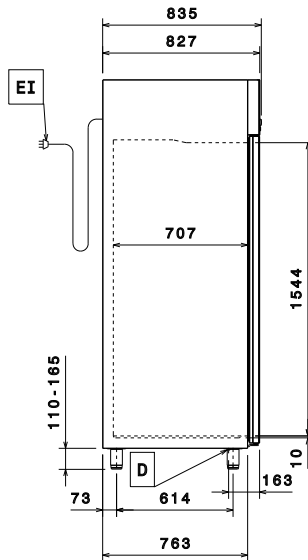
EI = Electrical inlet (power)

Top

Electric

Supply voltage:	
110587 (NP71FFLC)	220-240 V/1 ph/50 Hz
110588 (NP71FFC)	220-240 V/1 ph/50 Hz
Electrical power max.:	0.5 kW

Key Information:

Gross capacity:	670 lt
Capacity:	670 lt / Bottle .75L Bordeaux
Door hinges:	
110587 (NP71FFLC)	Left Side
110588 (NP71FFC)	Right Side
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2050 mm
Number and type of doors:	1 Full
Number and type of grids (included):	4 - 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
Refrigeration power at evaporation temperature:	-30 °C
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Operating mode:	Ventilated

Product Information (EU Regulation 2015/1094)

Type of model (EU Reg. 2015/1094):	vertical frozen

Sustainability

Energy Class (EU Reg. 2015/1094):	D
Yearly and daily energy consumption (EU Reg. 2015/1094):	2385kWh/year - 7kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	60,37
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	586 W
Refrigerant weight:	95 g

ENERGY — NP71FFLC (EU)

Rating	
A+++	
A++	
A+	
A	
B	
C	
D	**D**
E	
F	
G	

ENERGIA · ЕНЕРГИЯ
ENEPΓEIA · ENERGIJA
ENERGY · ENERGIE · ENERGI

2385 kWh/annum

1 L — L | **503** L | **5** 40°C - 40%

2015/1094-IV

ENERGY — NP71FFC (UK)

Rating	
A+++	
A++	
A+	
A	
B	
C	
D	**D**
E	
F	
G	

2385 kWh/annum

1 L — L | **503** L | **5** 40°C - 40%

2015/1094-IV

ENERGY — NP71FFLC (UK)

Rating	
A+++	
A++	
A+	
A	
B	
C	
D	**D**
E	
F	
G	

2385 kWh/annum

1 L — L | **503** L | **5** 40°C - 40%

2015/1094-IV

DNV-GL CE IEC IECEE UKCA

2023.11.28
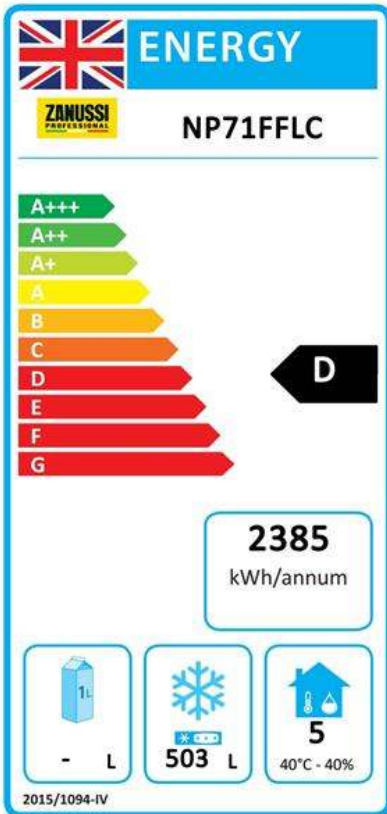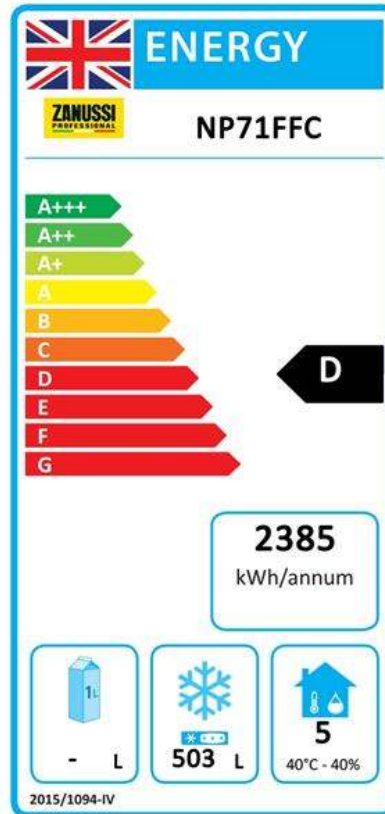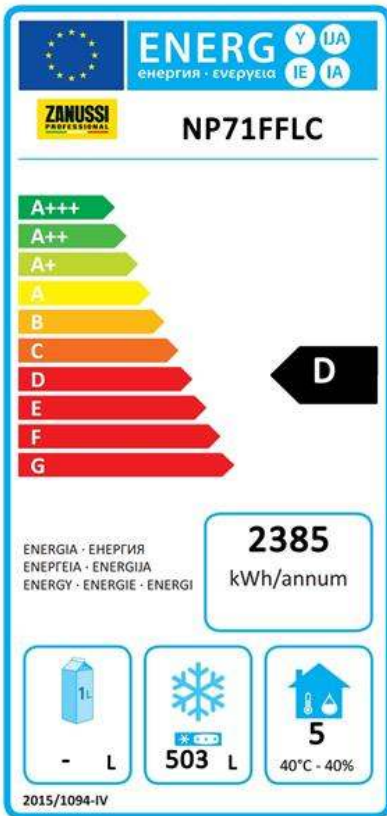
EU energy labelling from 1st July 2016

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.

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

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

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