ITEM #	
MODEL #	
NAME #	
SIS #	
AIA #	

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

111320 (NCT71FRHPC) 1-door freezer 670lt, -22-15°C, digital, AISI 304, R290, Class B

Short Form Specification

Item No.

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, possibility to activate manually the defrost cycle and turbo frost cycle. HACCP-compliant control with alarms and history. Automatic defrost activates only when required with automatic evaporation of defrost water. Optimized back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions. Fitted with 90 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. 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. Certified as Class B (in accordance with EU Regulation 2015/1094).

Main Features

- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- 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).
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Digital control panel allowing the easy and precise setting and control of the internal temperature.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Zanussi Professional Fridge Control APP make the life easier for our customers:
  - Monitor safety of preservation process thanks to HACCP data & alarms for 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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Rilsan coated grids for improved protection.
- 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.
- Tropicalized unit.

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.
- 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:

Sustainability

- Frost Watch Control: fully automatic defrost starts only when ice is actually building-up in the evaporator and adapt the defrosting duration to guarantee perfect ice removal while optimizing energy efficiency consumption.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- CFC and HCFC-free insulation.
- 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.
- 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.
- Interior LED light to save energy and for best internal visibility.

Included Accessories

- 4 of 2/1GN grey rilsan grid with 2 runners   PNC 881020
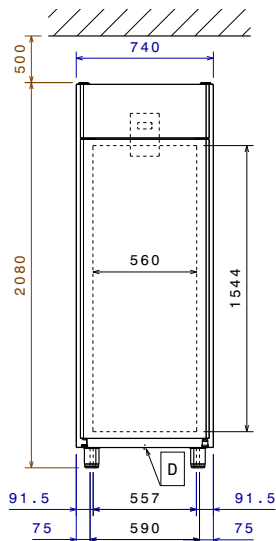
Optional Accessories

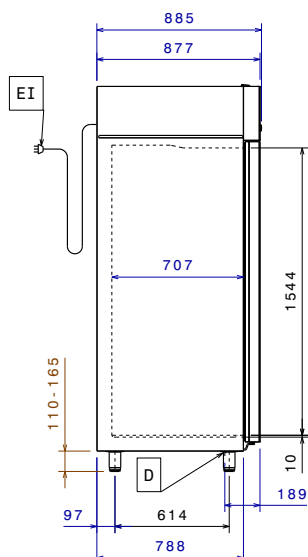|		
2 stainless steel runners for refrigerated cabinets (Marine)	PNC 880242	❏
Set of 8 GN1/1 PVC containers for fish	PNC 880243	❏
Pedal opening for cabinets	PNC 880324	❏
1/1GN plastic container with false bottom	PNC 880705	❏
4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for 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	❏
IoT module for refrigerated cabinets and counters	PNC 881298	❏
POE switch	PNC 922432	❏

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

2025.07.02

Front

Side

EI = Electrical inlet (power)

Top
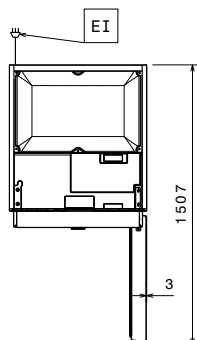
Electric

Supply voltage:	220-240 V/1 ph/50 Hz
Electrical power, max:	0.3 kW

Capacity:

Number and type of grids (included):	4 - GN 2/1

Key Information:

Net Volume:	503 lt
Door hinges:	
External dimensions, Width:	740 mm
External dimensions, Depth:	885 mm
External dimensions, Depth with Doors Open:	1507 mm
External dimensions, Height:	2080 mm
Number and type of doors:	1 Full
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	44; 30 mm
Gross capacity:	670 lt
Type of model (EU Regulation. 2015/1094):	vertical frozen

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

Sustainability

Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	569 W
Refrigerant weight:	90 g
Energy Class (EU Reg. 2015/1094):	B
Yearly and daily energy consumption (EU Reg. 2015/1094):	1325kWh/year - 4kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	33.54

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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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ZANUSSI PROFESSIONAL
NCT71FRHPC

| A+++ |
| A++ |
| A+ |
| A |
| B |
| C |
| D |
| E |
| F |
| G |

B

ENERGIA · ЭНЕРГИЯ
ENEPΓEIA · ENERGIJA
ENERGY · ENERGIE · ENERGI

1325
kWh/annum

1L - L | 503 L | 5 / 40°C - 40%

2015/1094-IV

ENERGY
ZANUSSI PROFESSIONAL
NCT71FRHPC

| A+++ |
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| A+ |
| A |
| B |
| C |
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2015/1094-IV

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