

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

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

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

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

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

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

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

110121 (NPT71FF)

1-door freezer 670lt, -22-15°C,  
digital, AISI 304 (ITA-DK-NL)**Short Form Specification****Item No.** \_\_\_\_\_

Full door freezer 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. For ambient temperatures up to 43 °C. CFC and HCFC free. R404a gas in refrigeration circuit. Supplied with n. 3x2/1GN Rilsan coated grids and n. 3 sets of 2 stainless steel grid runners. Mounted on wheels and equipped with UK Plug.

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

**Main Features**

- 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.
- ACTIVE - fully automatic defrost starts only when ice is actually building-up in the evaporator.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- 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).
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Interior LED light to save energy and for best internal visibility.
- 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.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption.
- 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.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Rilsan coated grids for improved protection.
- Tropicalized unit (43°C ambient temperature).
- This appliance is intended for use in ambient temperatures up to 40°C.

**Construction**

- Interior base with corners, pressed from a single sheet.
- Lockable door.
- Refrigerant type: R404a.
- Constructed from the highest quality AISI 304 Stainless steel.
- CFC and HCFC-free insulation.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.

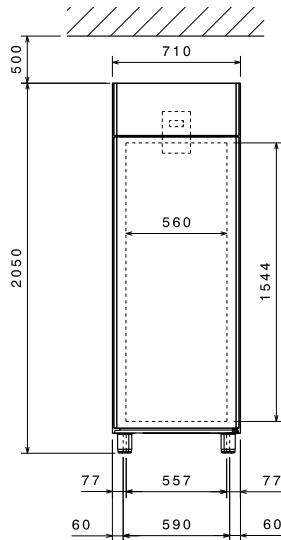
**Included Accessories**

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

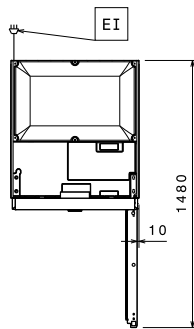
**Optional Accessories**

- Grids support with 50 positions for NPT Active cabinets PNC 880237
- 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) 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
- 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
- Printer for HACCP basic version (for cabinets and counters with digital control) PNC 881457

**Front**

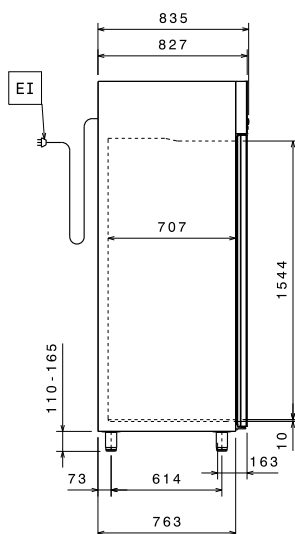


**Top**



EI = Electrical connection  
RI = Refrigerant Inlet  
RO = Refrigerant Outlet

**Side**



**Electric**

Supply voltage:  
110121 (NPT71FF) 230 V/1 ph/50 Hz  
Electrical power: 0.54 kW

**Key Information:**

Gross capacity: 670 lt  
Net Volume: 503 lt  
Door hinges: Right Side  
External dimensions, Height: 2050 mm  
External dimensions, Width: 710 mm  
External dimensions, Depth: 837 mm  
External dimensions, Depth with Doors Open: 1480 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  
Refrigerant type: R404a  
Refrigeration power: 526 W  
Refrigeration power at evaporation temperature: -30 °C  
Refrigerant weight: 240 g  
Operating temperature min.: -15 °C  
Operating temperature max.: -22 °C  
Operating mode: Ventilated

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

Energy Class: D  
Yearly energy consumption: 2446kWh/year  
Climate class: Heavy Duty (5)  
Energy Efficiency Index (EEI): 61,91