

**ecostore**  
**1 Door Digital Stainless Steel**  
**Refrigerator, 670lt (-2/+10) - R290**

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

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

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

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

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


**725374 (RE471FN)**

 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. CFC and HCFC free. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems. R290 gas in refrigeration circuit.

### Main Features

- Automatic defrost.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Right hinged full door.
- 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.
- 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.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- Tropicalized unit.

### Construction

- AISI 430 stainless steel internal structure and external panels.
- Lockable door.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- 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 employed to clean the floors.
- Doors are self-closing and can be fully opened up to 180°.

### Sustainability

- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical


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

cleaning operations and reducing energy consumption.

- 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.
- 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.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.

### Included Accessories

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

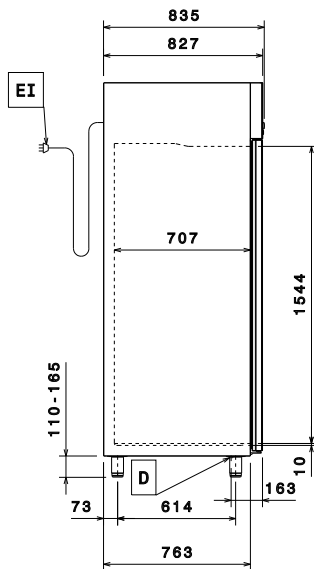
### Optional Accessories

- 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
- Pedal opening for cabinets PNC 880324
- Kit 20 pair runners and tray supports to fit pastry trays (400x600mm) PNC 880333
- Kit remote alarm PNC 880570
- 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
- Kit of 10 pairs of runners and 4 tray supports to fit 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
- Kit of 4 small swivelling wheels, 2 with brake, diam 50 mm, not for remote models PNC 881035
- 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

Front



Side



EI = Electrical inlet (power)

Top


**Electric**

Supply voltage: 220-240 V/1 ph/50 Hz  
 Electrical power max.: 0.2 kW

**Capacity:**

Number and type of grids (included): 3 - GN 2/1

**Key Information:**

Net Volume: 503 lt  
 Door hinges: 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  
 Type of external material: Stainless Steel  
 Type of internal material: Stainless Steel  
 Internal panels material: Stainless Steel  
 Number of positions & pitch: 44; 30 mm  
 Gross capacity: 670 lt  
 Type of model (EU Regulation. 2015/1094): vertical chilled

**Refrigeration Data**

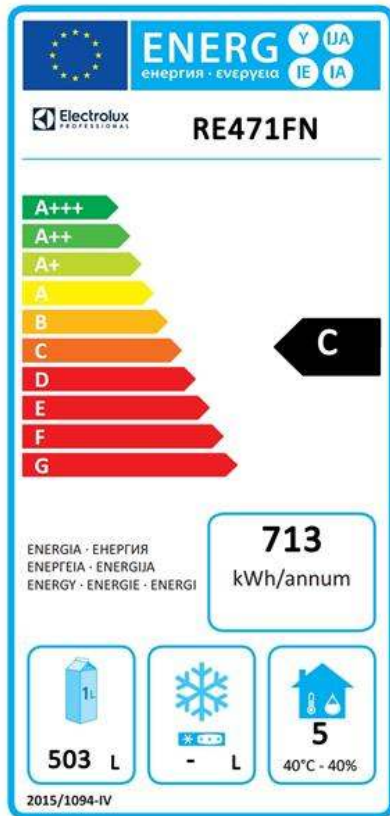
Control type: Digital  
 Refrigeration power at evaporation temperature: -10 °C  
 Operating temperature min.: -2 °C  
 Operating temperature max.: 10 °C  
 Compressor power: 1/5 hp  
 Operating mode: Ventilated

**ISO Certificates**

ISO Standards: ISO 9001; ISO 14001; ISO 45001; ISO 50001

**Sustainability**

Refrigerant type: R290  
 GWP Index: 3  
 Refrigeration power: 278 W  
 Refrigerant weight: 70 g  
 Energy Class (EU Reg. 2015/1094): C  
 Yearly and daily energy consumption (EU Reg. 2015/1094): 713kWh/year - 2kWh/24h  
 Climate class (EU Reg. 2015/1094): Heavy Duty (5)  
 Energy Efficiency Index-EEL (EU Reg. 2015/1094): 49,67



**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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