Electrolux PROFESSIONAL

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

ITEM #

MODEL #

NAME #

SIS #

AIA #

727310 (ESP71FRC)	Eco Store Premium Refrigerator- 670 lt 1 Door (-2/+10°C) - R290 - 230 V/1N/50Hz Eco Store Premium Refrigerator- 670 lt 1 Door left hinged (-2/+10°C) - R290 - 230 V/1N/50Hz
727311 (ESP71FRLC)	1-DR REF 670L -2/+10°,DIG,LEFT(R290)

Short Form Specification

Item No.

Full door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital display featuring humidity selection button (3 preset level), 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. Frost Watch Control to defrost 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.

APPROVAL:

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Main Features

- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- 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.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Rilsan coated grids for improved protection.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- 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).
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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.

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.
- Improved defrost and evaporator fan management – defrost type changes with temperature set-point: electric below +2°C while air convection defrost above +2°C, thus saving energy.
- 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.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- 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.
- CFC and HCFC free, highly ecological refrigerant type: R290 (ecological gas in foam: cyclopenthane). Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3), to reduce green house and ozone depletion effects.
- Cabinet certified as Class A in heavy duty working conditions (40°C-40% humidity) based on European Ecodesign directive. The potential annual saving estimated by replacing a cabinet in class G with a cabinet in class A of equivalent volume, is up to 690€ for each refrigerator replaced (considering an energy cost of 0,48€/kWh and a net volume of 503l).
- The label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.

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) for refrigerators, diam 125 mm, NOT for Glass Door and 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	❑
• 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	❑

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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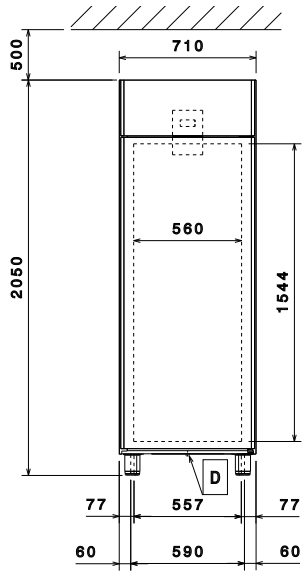
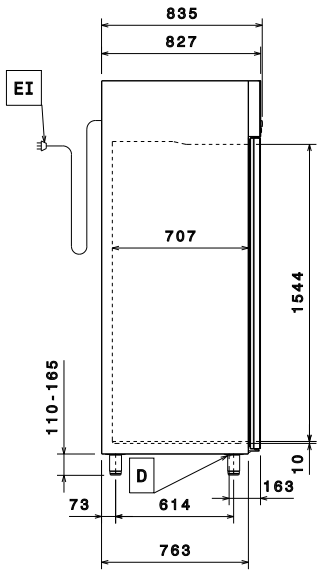
Front

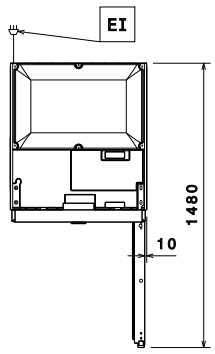


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	
727310 (ESP71FRC)	220-240 V/1 ph/50 Hz
727311 (ESP71FRLC)	220-240 V/1 ph/50 Hz
Electrical power max.:	0.22 kW

Key Information:

Gross capacity:	670 lt
Net Volume:	503 lt
Door hinges:	
727310 (ESP71FRC)	Right Side
727311 (ESP71FRLC)	Left 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
Compressor power:	1/4 hp
Refrigeration power at evaporation temperature:	-10 °C
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated

Product Information (EU Regulation 2015/1094)

Type of model:	vertical chilled

ISO Certificates

ISO Standards:	07

Sustainability

Energy Class:	C
Yearly and daily energy consumption:	581kWh/year - 2kWh/24h
Climate class:	Heavy Duty (5)
Energy Efficiency Index (EEI):	40,47
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	322 W
Refrigerant weight:	80 g

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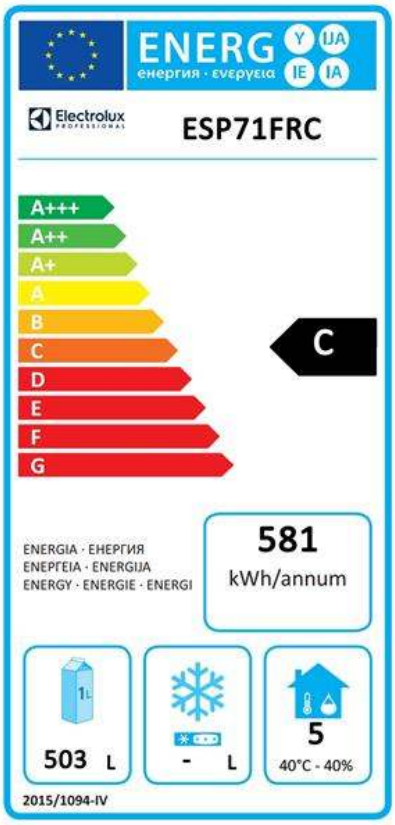

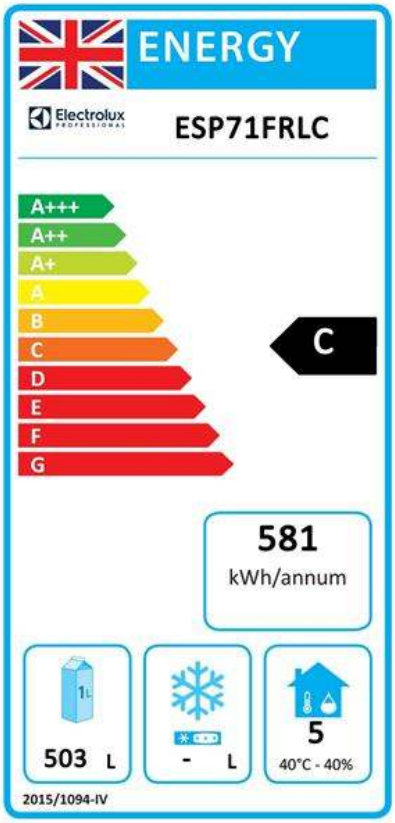

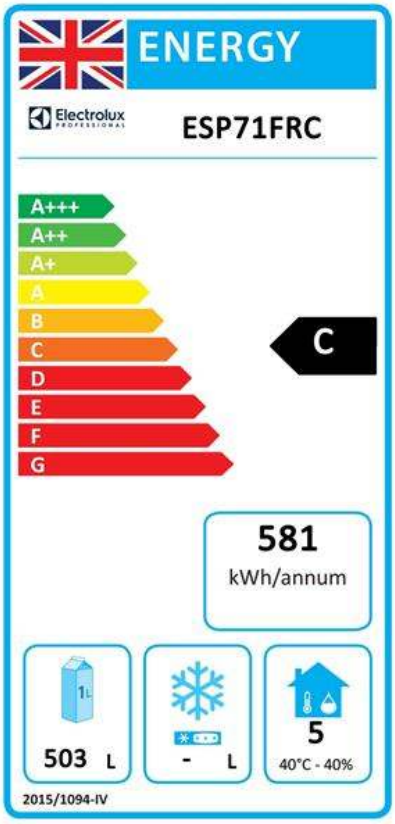

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EU energy labelling from 1st July 2016

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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