

ecostore Premium 1 Door Digital Freezer, 670lt (-22/-15) - R290

ITEM #	
MODEL #	
NAME #	
SIS #	
AIA#	



727314 (ESP71FFC)

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

727315 (ESP71FFLC)

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

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. HACCPcompliant control with alarms and history. Frost Watch Control to defrost only when required with automatic evaporation of defrost water. 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. 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.
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- 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.
- Internal structure with 44 charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- 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.
- Stainless steel runners and supports easily disassembled.
- Anti-corrosion bottom material 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.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 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.
- Interior LED light to save energy and for best internal visibility.
- 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.

Included Accessories

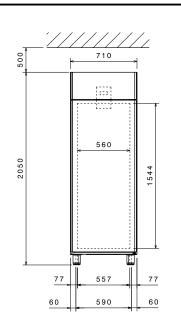
•	4 of 2/1GN grey rilsan grid with 2	PNC 881020
	runners	

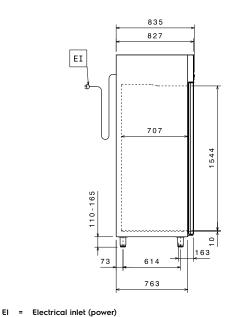
Optional Accessories		
• 2 stainless steel runners for refrigerated cabinets - (Marine)	PNC 880242	
 Set of 8 GN1/1 PVC containers for fish Spacer for 670 It and 1430 It refrigerated cabinets 	PNC 880243 PNC 880248	
Pedal opening for cabinets1/1GN plastic container with false bottom	PNC 880324 PNC 880705	
 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	
 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	
Recommended Detergents		
S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T	PNC 0S2881	
 S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity 	PNC 0S3257	

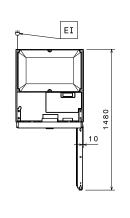




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Electric

Front

Side

Top

Supply voltage: 220-240 V/1 ph/50 Hz

Electrical power, max: 0.5 kW

Capacity:

Number and type of grids

(included): 4 - GN 2/1

Key Information:

Net Volume: 503 It

Door hinges:

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: **304 AISI** Type of internal material: **304 AISI** Internal panels material: **304 AISI** Number of positions & pitch: 44; 30 mm

Gross capacity: Type of model (EU

Regulation. 2015/1094): vertical frozen

670 It

Refrigeration Data

Control type: Digital Refrigeration power at -30 °C evaporation temperature: Operating temperature min.: -15 °C Operating temperature max.: -22 °C Operating mode: Ventilated

ISO Certificates

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

Sustainability

Refrigerant type: R290 **GWP Index:** Refrigeration power: 586 W Refrigerant weight (unit 1): 95 g Energy Class (EU Reg. 2015/1094):

Yearly and daily energy consumption (EU Reg.

2015/1094): 2385kWh/year - 7kWh/24h

D

Climate class (EU Reg.

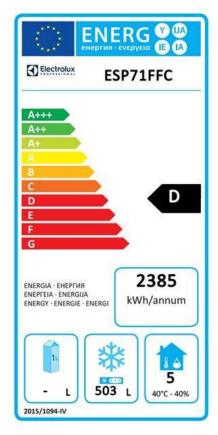
2015/1094): Heavy Duty (5)

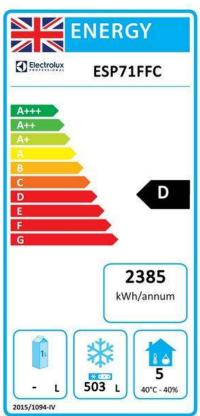
Energy Efficiency Index-EEI

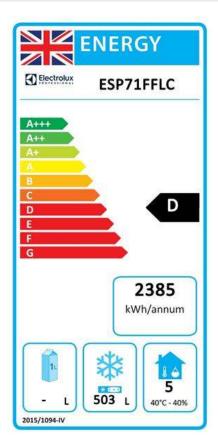
(EU Reg. 2015/1094): 60,36





















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 consumé 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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