Electrolux PROFESSIONAL

ecostore Premium 2 Glass Door Digital Refrigerator, 1430lt (+2/+10) - R290

ITEM #

MODEL #

NAME #

SIS #

AIA #

727965 (ESP142GRC) 2-glass door Refrigerator 1430lt, +2+10°C (R290), digital, AISI 304

Short Form Specification

Item No.

Two full glass door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Digital display featuring 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. 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. 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 and internal back light. CFC and HCFC free. R290 gas in refrigeration circuit. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

APPROVAL:

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.
- The operating temperature can be adjusted from +2 to +10°C to suit both meat and dairy storage requirements.
- Performance guaranteed at ambient temperatures of +32°C.
- 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.
- Led lights on the door guarantee an even light in the cavity.
- Digital temperature display and setting +2/+10 °C.
- Internal structure with 44 charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Possibility to select 3 different levels of humidity according with the type of food stored inside.
- 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.
- 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.
- 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: cyclopentane). 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 label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.

Included Accessories

• 8 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	❑
• Kit 20 pair runners and tray supports to fit pastry trays (400x600mm)	PNC 880333	❑
• 1/1GN plastic container with false bottom	PNC 880705	❑
• 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	❑
• Pedal opening for 1430lt refrigerator	PNC 881033	❑
• 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	❑
• Glass door protection kit for Glass Door Cabinets	PNC 881163	❑
• 5 swivelling wheels (2 with brake), diam 125mm, for 1430 lt refrigerators, NOT for remote models	PNC 881294	❑
• 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	❑

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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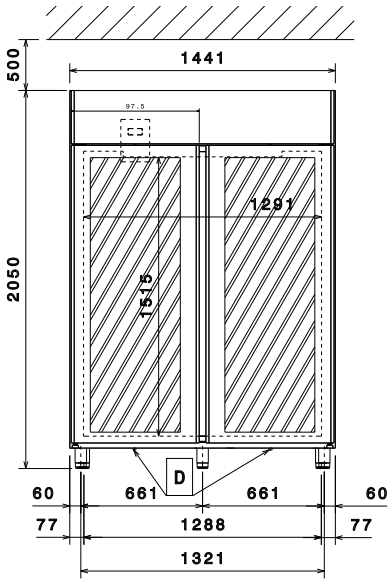
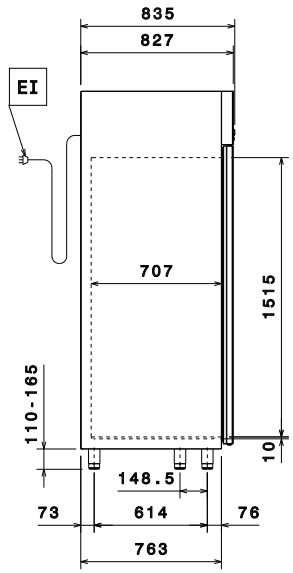
Front

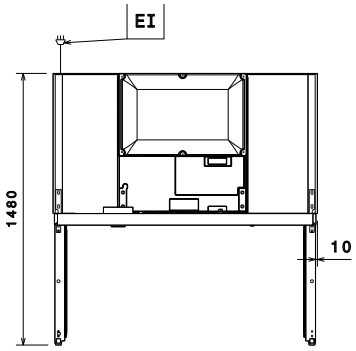


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	220-240 V/1 ph/50 Hz
Electrical power, max:	0.29 kW

Capacity:

Number and type of grids (included):	8 - GN 2/1

Key Information:

Net Volume:	1037 lt
External dimensions, Width:	1441 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2050 mm
Number and type of doors:	2 Glass
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:	1430 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
Operating mode:	Ventilated

ISO Certificates

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

Sustainability

Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	395 W
Energy Class (EU Reg. 2015/1094):	E
Yearly and daily energy consumption (EU Reg. 2015/1094):	1883kWh/year - 5.16kWh/24h
Climate class (EU Reg. 2015/1094):	Normal duty (cl.4)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	81,41

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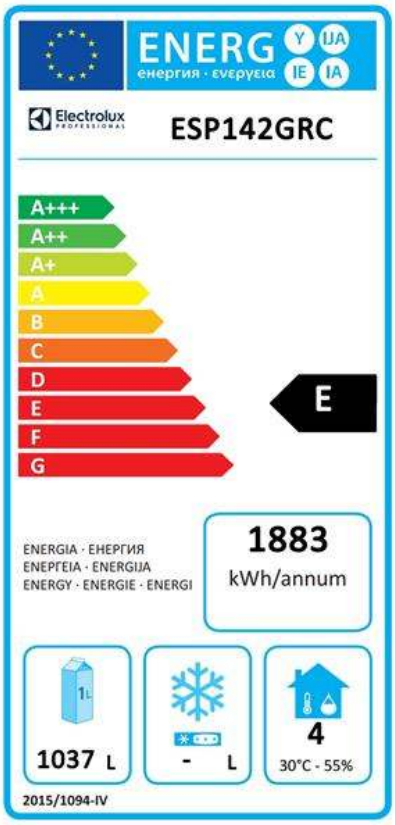

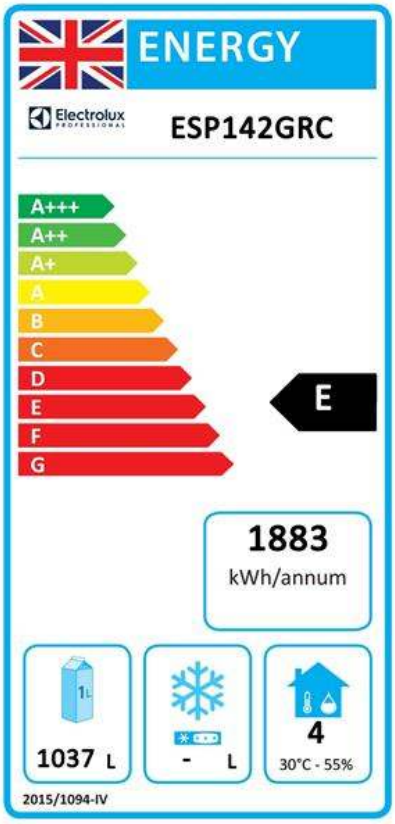

EU energy labelling from 1st July 2016

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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