Electrolux PROFESSIONAL

ecostore Premium
2 Door Digital Refrigerator, 1430lt (-2 +10) - R290 Class B

ITEM #

MODEL #

NAME #

SIS #

AIA #



725484 (ESP142FRC) 2-door Refrigerator 1430lt, -2+10°C (R290), digital, AISI 304, Class B

Short Form Specification

Item No.

Two 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. 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. CFC and HCFC free. R290 gas in refrigeration circuit. Supplied with n. 8x2/1GN Rilsan coated grids and n. 8 sets of 2 stainless steel grid runners.

APPROVAL:

Main Features

- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- Possibility to select 3 different levels of humidity according with the type of food stored inside.
- 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.
- Large digital white-digit display with cabinet temperature display and setting, and possibility to select the desired levels of humidity. Bluetooth technology included allows to keep HACCP historical data and download them through the app.
- Digital control panel allowing the easy and precise setting and control of the internal temperature.
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Electrolux Professional Fridge Control APP make the life easier for our customers:
  - Monitor safety of preservation process thanks to HACCP data & alarms for precise control
  - Save time and easy data management having the possibility to send the HACCP information in excel format directly to e-mail address
  - Quick operations: set the cabinet temperature/ humidity/turbocooling and set date/hour
- Easy serviceability thanks to the intuitive control panel with access via app.
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to 30 days of event are kept in memory.
- 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.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Rilsan coated grids for improved protection.
- 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.
- 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.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- CFC and HCFC-free insulation.
- 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.
- 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.
- 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.
- Interior LED light to save energy and for best internal visibility.

Included Accessories

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

Optional Accessories

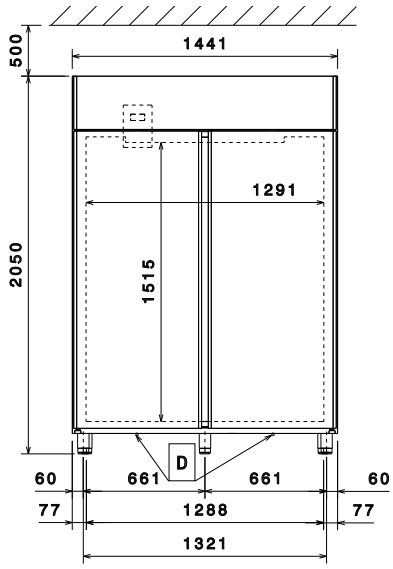
• 2 stainless steel runners for refrigerated cabinets - (Marine)	PNC 880242	❑
• Set of 8 GN1/1 PVC containers for fish	PNC 880243	❑
• Kit 20 pair runners and tray supports to fit pastry trays (400x600mm)	PNC 880333	❑
• Kit of 6 swivelling wheels, 2 with brake, diam 50 mm	PNC 880340	❑
• 1/1GN plastic 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	❑
• 3 grey rilsan central grids for 1430lt (not for glass door)	PNC 881044	❑
• 2/1GN grey rilsan basket+2 runners h=150mm	PNC 881047	❑
• 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	❑
• POE switch	PNC 922432	❑

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

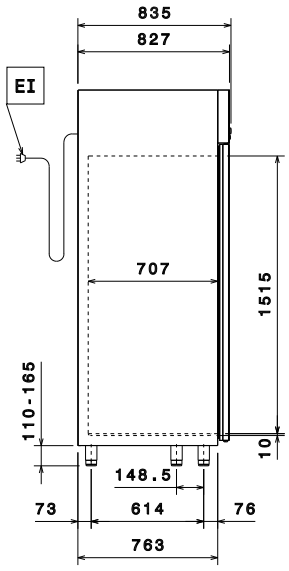
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Front

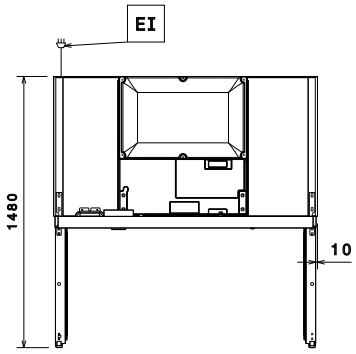


Side



EI = Electrical inlet (power)

Top



Electric

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

Capacity:

Number and type of grids (included):	6 - GN 2/1

Key Information:

Net Volume:	1160 lt
Door hinges:	1 Left+1 Right
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 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:	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

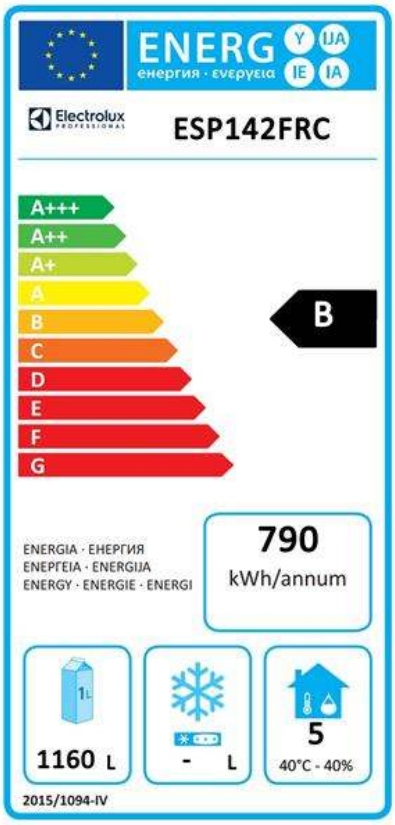
Sustainability

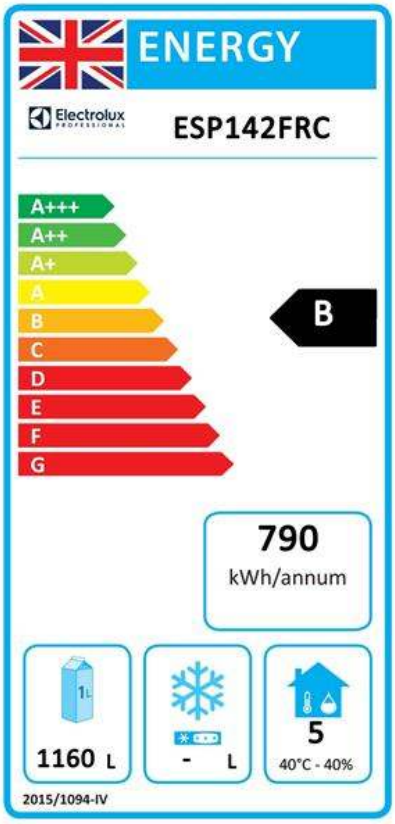
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	395 W
Refrigerant weight:	120 g
Energy Class (EU Reg. 2015/1094):	B
Yearly and daily energy consumption (EU Reg. 2015/1094):	790kWh/year - 2kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	31.41

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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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