



ecostore Premium 1 Full + 2 Half Door Dual Digital Fish Refrigerator, 1430lt (-2/-6) - R290



727328 (ESP143DRFC)

Eco Store Premium Dual Fish
Refrigerator-1430 lt 1 Full + 2
Half Doors (-2/-6°C) R290 -
230 V/1N/50Hz

Short Form Specification

Item No.

One full and two half door fish refrigerator 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, and possibility to select the desired levels of humidity. 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. Dual operating temperature: -2/+10°C -2/-6°C. CFC and HCFC free. R290 gas in refrigeration circuit. Supplied with n. 4 x1/1GN PVC containers with perforated false bottom, n. 6x2/1GN Rilsan coated grids and n. 6 sets of 2 stainless steel grid runners. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

ITEM # _____
MODEL # _____
NAME # _____
SIS # _____
AIA # _____

Main Features

- One full door and two half doors with heated frame.
- 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.
- Refrigerator models have operating temperatures that can be adjusted from -2 to 10 °C or from -2 to -6 °C to suit fish 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.
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- 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.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- CFC and HCFC-free insulation.
- R290 refrigerant to reduce green house and ozone depletion effects.

APPROVAL:



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- 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.
- 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.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy 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.
- 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.

- 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

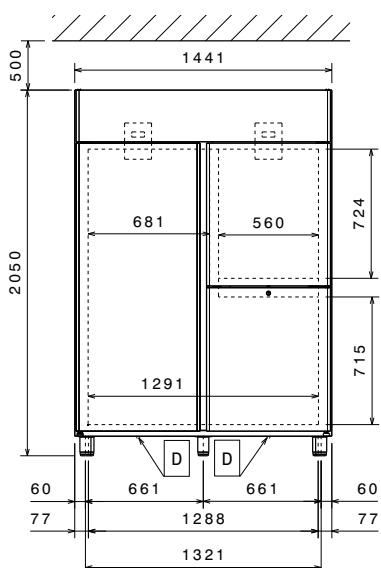
- S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T PNC 0S2881
- S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity PNC 0S3257

Included Accessories

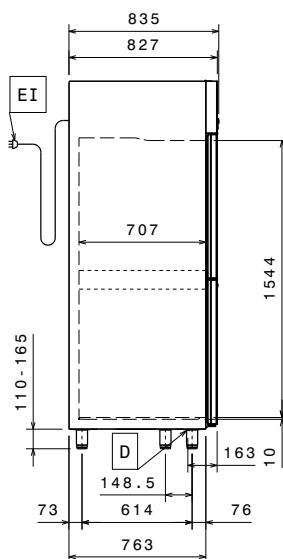
- 4 of 1/IGN plastic container with false bottom PNC 880705
- 6 of 2/IGN grey rilsan grid with 2 runners PNC 881020

Optional Accessories

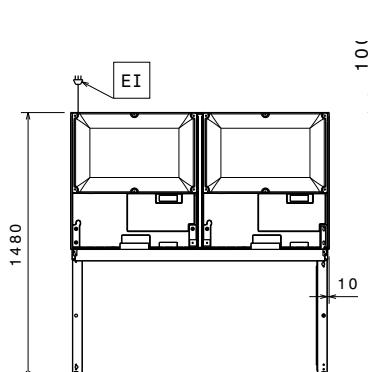
- 2 stainless steel runners for refrigerated cabinets - (Marine) PNC 880242
- Set of 8 GN1/1 PVC containers for fish PNC 880243
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248
- Kit of 6 swivelling wheels, 2 with brake, diam 50 mm PNC 880340
- 1/IGN plastic container with false bottom PNC 880705
- 2/IGN grey rilsan grid PNC 881004
- 2/IGN aisi 304 stainless steel grid PNC 881016
- 2/IGN 304 AISI stainless steel grid with 2 runners PNC 881018
- 2/IGN 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/IGN pvc container with lid and 2 runners PNC 881039
- 2/IGN perforated shelf PNC 881042
- 1/IGN rilsan steel wire basket h=150mm PNC 881043
- 3 grey rilsan central grids for 1430lt (not for glass door) PNC 881044
- 2/IGN grey rilsan basket+2 runners h=150mm PNC 881047



Front



Side



Top

EI = Electrical inlet (power)

Electric

Supply voltage: 220-240 V/1 ph/50 Hz
Electrical power, max: 0.47 kW

Capacity:

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

Key Information:

Net Volume: 953 lt
Door hinges:
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: 1-2x1/2 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

Second Unit - Refrigerant Type: R290
Control type: Digital
Refrigeration power at evaporation temperature: -10 °C
Operating temperature - First Unit (min-max): -2°C / 10°C
Operating temperature - Second Unit (min-max): -2°C / -6°C
Operating mode: Ventilated

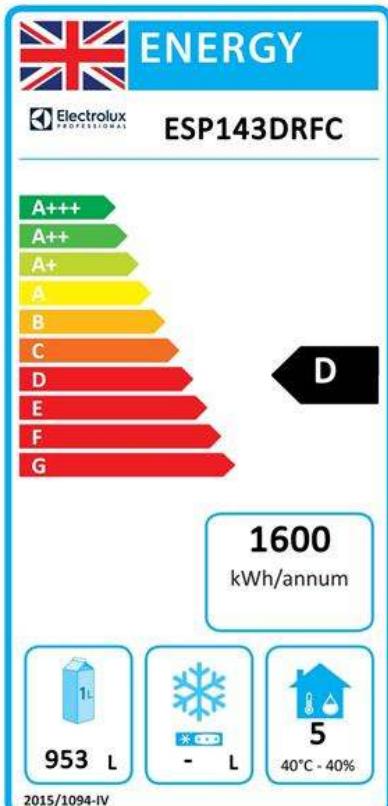
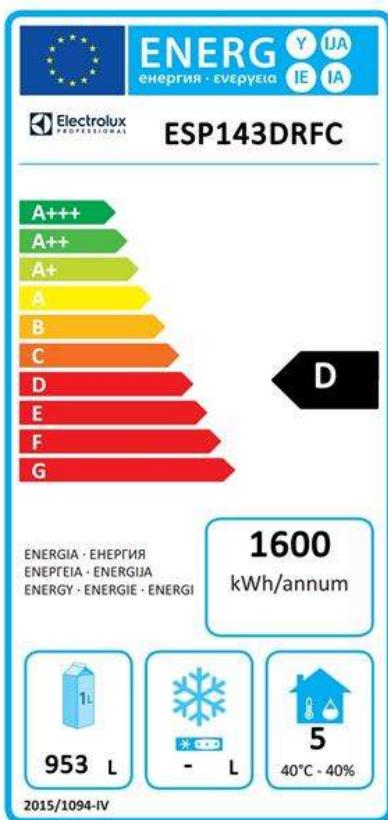
ISO Certificates

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

Sustainability

Refrigerant type: R290
GWP Index: 3
Energy Class (EU Reg. 2015/1094): D
Yearly and daily energy consumption (EU Reg. 2015/1094): 1600kWh/year - 4kWh/24h
Climate class (EU Reg. 2015/1094): Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094): 73,57





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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