Electrolux
PROFESSIONAL

ecostore Premium
2 Half Door Digital Freezer, 670lt (-22°-15°C) - R290

727458 (MCD670F2)

1-door Freezer 670lt, -22-15° C (R290), digital with wheels, 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. 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. 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.

APPROVAL:

Main Features

- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- 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).
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Right hinged two 1/2 door with heated frame.
- 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).
- 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.
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- 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/turbocooling and set date/hour
- Tropicalized unit.
- Large digital white-digit display with cabinet temperature display and setting. Bluetooth technology included allows to keep HACCP historical data and download them through the app.

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Constructed from the highest quality AISI 304 Stainless steel.
- Mounted on wheels.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- 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.

Included Accessories

- 1 of 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models   PNC 881002
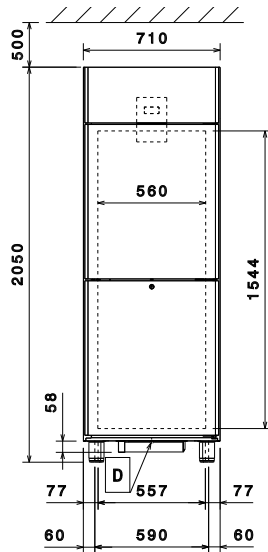- 4 of 2/1GN grey rilsan grid with 2 runners   PNC 881020

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 ❑
- 1/1GN plastic container with false bottom   PNC 880705 ❑
- 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models   PNC 881002 ❑
- 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 ❑
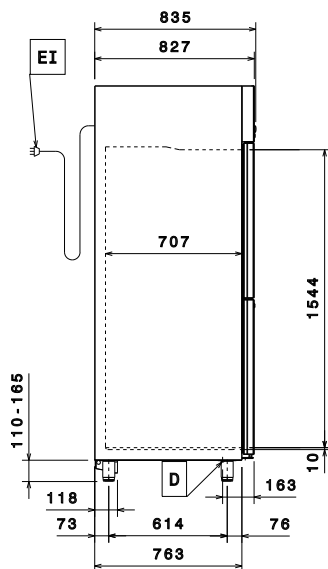- 2/1GN grey rilsan basket+2 runners h=150mm   PNC 881047 ❑

Sustainab

- 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.
- CFC and HCFC-free insulation.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- R290 refrigerant to reduce green house and ozone depletion effects.
- Interior LED light to save energy and for best internal visibility.
- 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.
- 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.
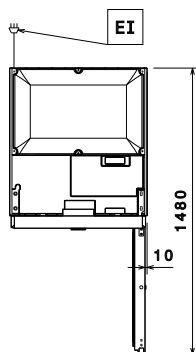
Front

Side

EI = Electrical inlet (power)

Top

Electric

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:	497 lt
Door hinges:	
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2090 mm
Number and type of doors:	2x1/2 Full
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	40; 30 mm
Gross capacity:	670 lt
Type of model (EU Regulation. 2015/1094):	vertical frozen

Refrigeration Data

Control type:	Digital
Refrigeration power at evaporation temperature:	-30 °C
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Compressor power:	1 hp
Operating mode:	Ventilated

ISO Certificates

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

Sustainability

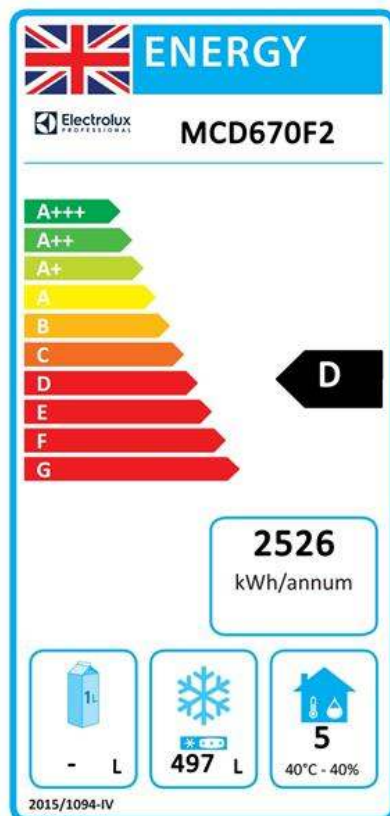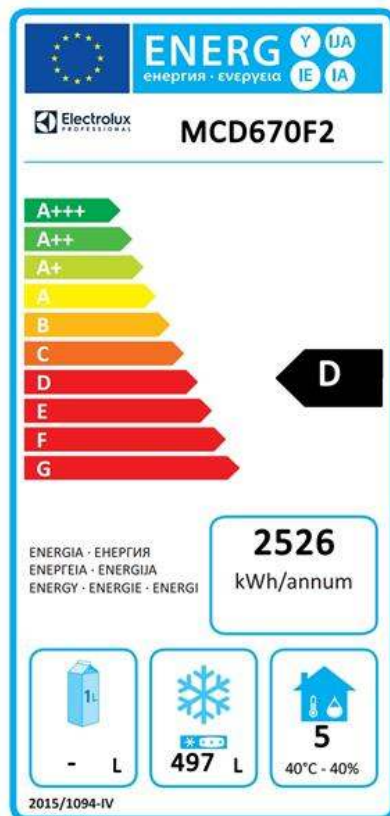|	
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	586 W
Refrigerant weight:	95 g
Energy Class (EU Reg. 2015/1094):	D
Yearly and daily energy consumption (EU Reg. 2015/1094):	2526kWh/year - 7kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	64,41

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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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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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