Electrolux PROFESSIONAL

Prostore 500
1 Door Digital Freezer, 470lt
(-15/-22°C) R290 (Marine) 50Hz

691388 (PS04F1FM)

1-door prostore Freezer 470lt, -22-15°C, AISI 304 - R290 (Marine) 50Hz

Short Form Specification

Item No.

Full door freezer constructed in 304 AISI stainless steel with external bottom panel in anti-corrosive material. Large digital white-digit display with cabinet temperature display and setting and turbo frost cycle (to rapidly cool warm loads). HACCP-compliant control with alarms. Frost Watch Control to defrost only when required with automatic evaporation of defrost water. Optimized airflow provides even temperature distribution on all grids. Fitted with 65 mm-thick polyurethane insulating foam. Self-closing, on-site reversible door features 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; Interior LED light. CFC and HCFC free. R290 refrigerant type, cyclopenthane gas in foam.

APPROVAL:

Main Features

- Adjustable temperature range from -15°C to -22°C.
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- Optimized airflow within the chamber guarantees uniformity of temperature on all grids.
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated.
- Greater storage space: internal structure with numerous charging positions available to host grids, ensuring higher net capacity.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Large storage area suitable to contain 520x442 mm grids or shelves to improve net capacity.
- AISI 304 runners with grids stopper for Marine installations.
- Self closing and on site reversible left/right doors.
- Model requires only 1 phase 230V/50Hz supply and can be plugged straight into an existing power socket.
- Tropicalized unit.
- Low noise level.
- Complies with main international certification bodies and is CE marked.

Construction

- Stainless steel AISI 304 external panels (galvanized external back).
- Pressed stainless steel door handle without joints gathering dust and dirt.
- Inner cell with rounded corners, bottom pressed in only one piece.
- Easy access to the main components for maintenance.
- Internal components removable without the use of tools to facilitate cleaning operations.
- Lockable door.
- Mounted on Marine feet.
- Kit of 4 feet H=67mm available as optional in case of ceiling up to 2100mm.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Automatic heated door frame.

User Interface & Data Management

- Electrolux Professional Fridge Control APP makes 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
- 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.
- Large digital white-digit display with cabinet temperature display and setting and turbo frost cycle (to rapidly cool warm loads).
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).

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.
- Optical door microswitch to stop the fan once the door is opened, thus minimizing energy waste.
- Insulation thickness: 65 mm of polyurethane injected with ecological foaming gas cyclopentane to ensure effective insulation with minimum energy consumption (thermal conductivity: 0,020 W/m*K).
- 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.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Interior LED light to save energy and for best internal visibility.

Included Accessories

- 4 of Kit pair of runners (marine)   PNC 880327
- 4 of Rilsan-coated grid 520x442mm for Prostore 470l   PNC 880342

Optional Accessories

- Stainless steel grid (520x442)   PNC 880321   ❑
- Pedal opening for cabinets   PNC 880324   ❑
- Kit 4 feet, height 200mm   PNC 880325   ❑
- Kit of 4 feet-h=67 (marine)   PNC 880326   ❑
- Kit pair of runners (marine)   PNC 880327   ❑
- Base frame for 1/1 GN rack for 470lt prostore   PNC 880328   ❑
- Pair of runners for 470 and 720lt prostore cabinets   PNC 880335   ❑
- Rilsan-coated grid 520x442mm for Prostore 470l   PNC 880342   ❑

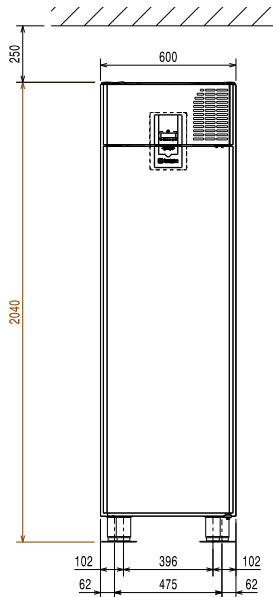## Recommended Detergents

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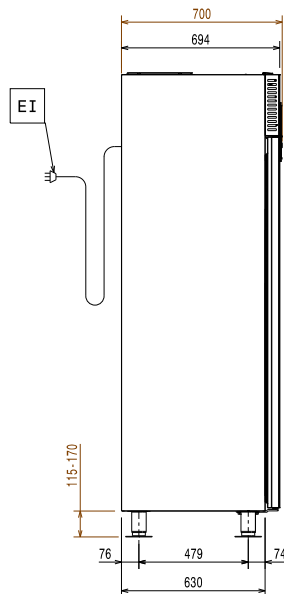
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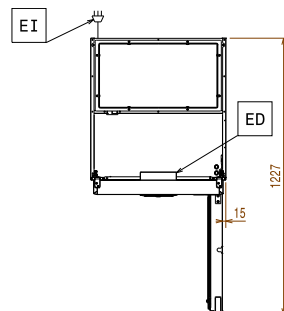The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

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Front

Side

EI = Electrical inlet (power)

Top

Electric

Supply voltage:	220-230 V/1 ph/50 Hz
Electrical power, max:	0.49 kW

Capacity:

Number and type of grids (included):	4 - 520x442

Key Information:

Net Volume:	317 lt
Door hinges:	
External dimensions, Width:	600 mm
External dimensions, Depth:	700 mm
External dimensions, Depth with Doors Open:	1226 mm
External dimensions, Height:	2040 mm
Number and type of doors:	1 Full
Internal Dimensions, Width:	472 mm
Internal Dimensions, Depth:	582 mm
Internal Dimensions, Height:	1474 mm
Height adjustment:	15/40 mm
Type of external material:	304 AISI
Type of internal material:	304 AISI
Number of positions & pitch:	44; 22 mm
Gross capacity:	470 lt

Refrigeration Data

Control type:	Digital
Refrigeration power at evaporation temperature:	-30 °C
Operating temperature min.:	-22 °C
Operating temperature max.:	-15 °C
Compressor power:	3/4 hp
Operating mode:	Ventilated
Cooling unit:	Built-In
Defrost type:	Electric

ISO Certificates

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

Sustainability

Refrigerant type:	R290
Refrigeration power:	568 W
Refrigerant weight (unit 1):	125 g

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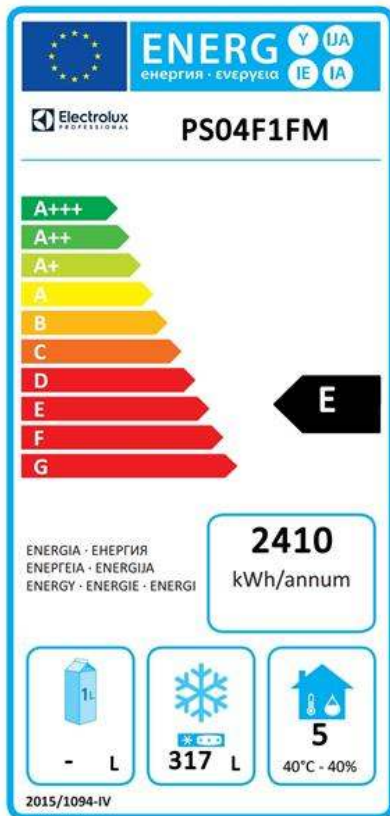
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Electrolux P R O F E S S I O N A L

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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