



**Prostore 800  
1 Door Digital Freezer, 720lt  
(-15/-22°C) R290 60Hz - Marine**

ITEM #  
MODEL #  
NAME #  
SIS #  
AIA #



**691390 (PS09F1FMHC)**

1-door prostore Freezer  
720lt, -22-15°C, AISI 304,  
R290 - 60Hz (Marine)

### **Main Features**

- Large storage area suitable to contain 700x530 mm grids to improve net capacity.
- Optimized airflow within the chamber guarantees uniformity of temperature on all grids.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Greater storage space: internal structure with numerous charging positions available to host grids, ensuring higher net capacity.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Complies with main international certification bodies and is CE marked.
- Self closing and on site reversible left/right doors.
- Prearranged for remote alarm.
- Low noise level.
- AISI 304 runners with grids stopper for Marine installations.
- This appliance is intended for use in ambient temperatures up to 40°C.
- Tropicalized unit.

### **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 and history. 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. For ambient temperatures up to 43°C. CFC and HCFC free. R290 refrigerant type, cyclopentane gas in foam. Supplied with n. 4x700x530 mm Rilsan coated grids and n. 5 sets of 2 stainless steel grid runners. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

#### APPROVAL:



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## Construction

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

## User Interface & Data Management

- Large digital white-digit display with cabinet temperature display and setting and turbo frost cycle (to rapidly cool warm loads).
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to two months of event are kept in memory.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- 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.

## 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.
- 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).
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Optical door microswitch to stop the fan once the door is opened, thus minimizing energy waste.
- 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.

## Included Accessories

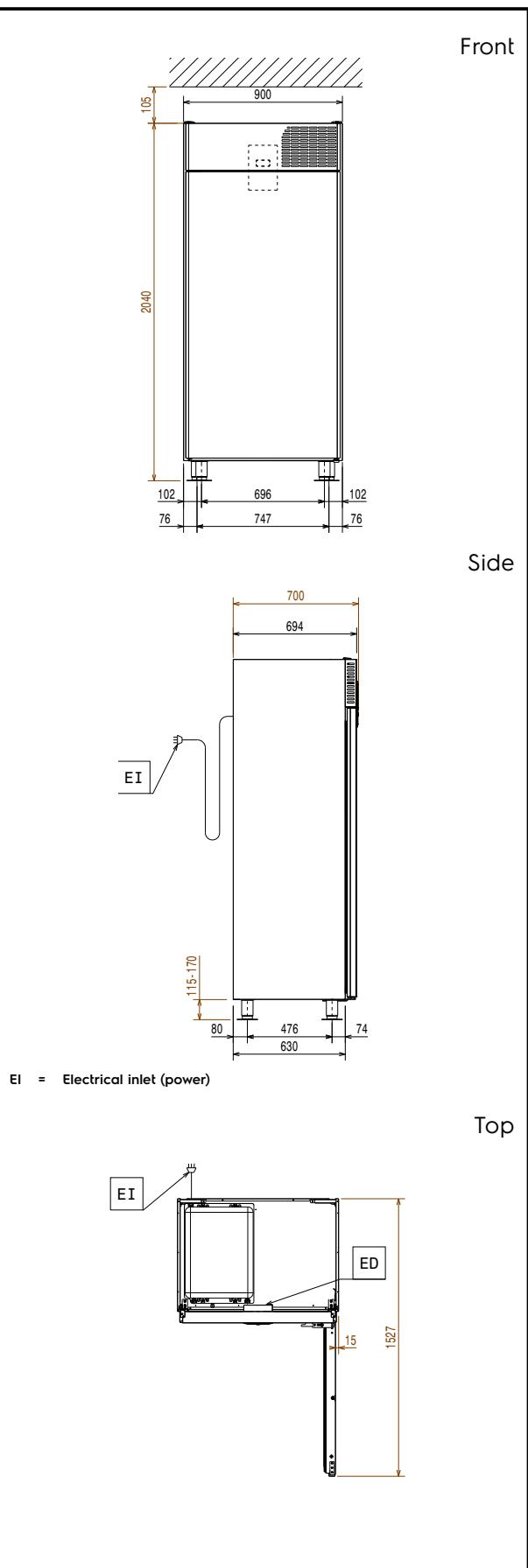
- 4 of Kit pair of runners (marine) PNC 880327
- 4 of Plastic-coated grid 700x530mm for PNC 880343 Prostore 720l

## Optional Accessories

• Stainless steel grid 2/1GN for prostore cabinets	PNC 880160	<input type="checkbox"/>
• 2/1GN Plastic-coated grid	PNC 880306	<input type="checkbox"/>
• Pair of runners for GN 2/1 grids, for prostore cabinets	PNC 880320	<input type="checkbox"/>
• Stainless steel grid (700x530)	PNC 880323	<input type="checkbox"/>
• Pedal opening for cabinets	PNC 880324	<input type="checkbox"/>
• Kit 4 feet, height 200mm	PNC 880325	<input type="checkbox"/>
• Kit of 4 feet-h=67 (marine)	PNC 880326	<input type="checkbox"/>
• Kit pair of runners (marine)	PNC 880327	<input type="checkbox"/>
• Pair of runners for 470 and 720lt prostore cabinets	PNC 880335	<input type="checkbox"/>
• Plastic-coated grid 700x530mm for Prostore 720l	PNC 880343	<input type="checkbox"/>

## Recommended Detergents

• S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T	PNC OS2881	<input type="checkbox"/>
• S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity	PNC OS3257	<input type="checkbox"/>


**Electric**

**Supply voltage:** 220-230 V/1 ph/60 Hz  
**Electrical power, max:** 0.6 kW

**Capacity:**

**Number and type of grids (included):** 4 - 530x700

**Key Information:**

**Net Volume:** 508 lt  
**Door hinges:**  
**External dimensions, Width:** 900 mm  
**External dimensions, Depth:** 700 mm  
**External dimensions, Depth with Doors Open:** 1527 mm  
**External dimensions, Height:** 2040 mm  
**Number and type of doors:** 1 Full  
**Internal Dimensions, Width:** 772 mm  
**Internal Dimensions, Depth:** 582 mm  
**Internal Dimensions, Height:** 1471 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:** 720 lt

**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  
**Cooling unit:** Built-In

**ISO Certificates**

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

**Sustainability**

**Refrigerant type:** R290  
**Refrigeration power:** 682 W  
**Refrigerant weight (unit 1):** 135 g