

Prostore 500

1 Door Digital Refrigerator, 470lt (0/+10°C) 60Hz - Marine

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



691377 (PS04R1FM)

1-door prostore Refrigerator
470lt, 0-10°C, AISI 304 -
60Hz (Marine)

Short Form Specification

Item No. _____

Full door refrigerator constructed in 304 AISI stainless steel with external bottom panel in anti-corrosive material. Large digital display featuring humidity selection button (3 preset level), 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. R134a refrigerant type, cyclopentane gas in foam.

Supplied with n. 4x520x442 mm 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.

Main Features

- Large digital white-digit display with humidity selection button (3 preset level), 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.
- Large storage area suitable to contain 520x442 mm grids or shelves 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.
- Model requires only 1 phase 230V/60Hz supply and can be plugged straight into an existing power socket.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).

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.
- Mounted on Marine feet.
- Kit of 4 feet H=67mm available as optional in case of ceiling up to 2100mm.
- 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.

APPROVAL: _____



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- CFC and HCFC free (ecological refrigerant type: R134a, - gas in foam: cyclopentane).
- 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.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- 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.

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 ☐



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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.

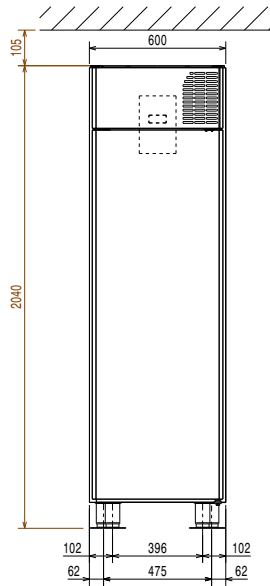
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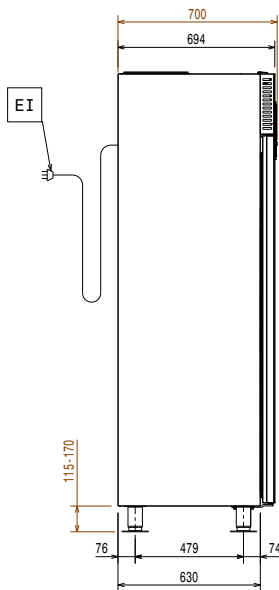
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Front

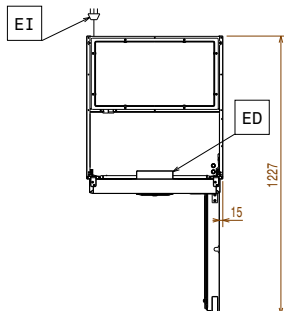


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:

691377 (PS04R1FM) 220-230 V/1 ph/60 Hz

Electrical power max.:

0.27 kW

Key Information:

Gross capacity:	470 lt
Door hinges:	Right Side
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
Number and type of grids (included):	4 - 520x442
Type of external material:	304 AISI
Type of internal material:	304 AISI
Number of positions & pitch:	44; 22 mm

Refrigeration Data

Control type:	Digital
Compressor power:	1/4 hp
Refrigeration power at evaporation temperature:	-10 °C
Operating temperature min.:	0 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated
Cooling unit:	Built-In
Defrost type:	By Air

ISO Certificates

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

Refrigerant type:	R134a
Refrigeration power:	388 W
Refrigerant weight:	160 g



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