

## ecostore Premium 1 Door Digital Refrigerator, 670lt (-2/+10) - R290

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_


**727310**  
 (ESP71FRC)

 1-door Refrigerator 670lt, -2+10°C (R290),  
 digital, AISI 304

### Short Form Specification

#### Item No.

Full door 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. 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/IGN 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 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.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food 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).
- 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

- 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.
- 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.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.

APPROVAL: \_\_\_\_\_

- R290 refrigerant 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.
  - 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.
  - 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.
  - 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.
- S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity PNC 0S3257

### Included Accessories

- 4 of 2/1GN grey rilsan grid with 2 runners PNC 881020

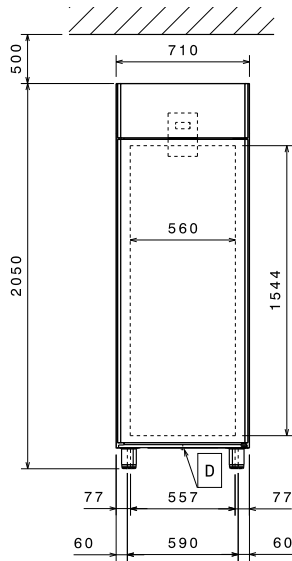
### Optional Accessories

- 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
- Pedal opening for cabinets PNC 880324
- 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
- Kit of 10 pairs of runners and 4 tray supports to fit pastry trays (400x600mm) PNC 881003
- 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
- Meat rail for 670/1430lt refrigerators with 4 hooks PNC 881019
- 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
- IoT module for refrigerated cabinets and counters PNC 881298

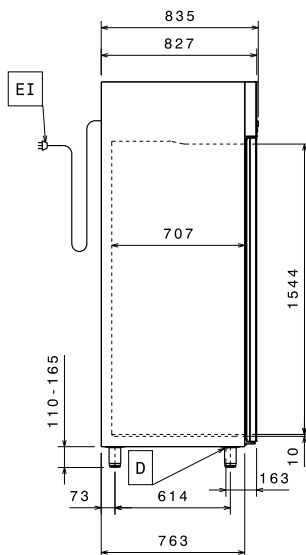
### Recommended Detergents

- S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T PNC 0S2881

Front

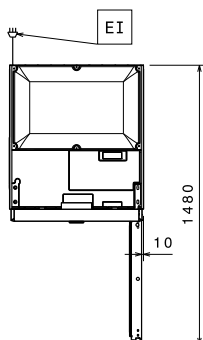


Side



EI = Electrical inlet (power)

Top



## Electric

Supply voltage: 220-240 V/1 ph/50 Hz  
Electrical power, max: 0.22 kW

## Capacity:

Number and type of grids (included): 4 - GN 2/1

## Key Information:

Net Volume: 503 lt  
Door hinges:  
External dimensions, Width: 710 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 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: 670 lt  
Type of model (EU Regulation. 2015/1094): vertical chilled

## Refrigeration Data

Control type: Digital  
Refrigeration power at evaporation temperature: -10 °C  
Operating temperature min.: -2 °C  
Operating temperature max.: 10 °C  
Compressor power: 1/4 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: 322 W  
Refrigerant weight (unit 1): 80 g  
Energy Class (EU Reg. 2015/1094): C  
Yearly and daily energy consumption (EU Reg. 2015/1094): 581kWh/year - 1.59kWh/24h  
Climate class (EU Reg. 2015/1094): Heavy Duty (5)  
Energy Efficiency Index-EEI (EU Reg. 2015/1094): 40,47

