

# ecostore 2 Half Door Digital Freezer, 670lt (-22/-15), AISI 304 - R290

ITEM #	
MODEL #	
NAME #	
SIS #	
AIA#	



725360 (REX72HF)

2-half door Freezer 670lt, -22-15°C, digital, AISI 304, R290

## **Short Form Specification**

### Item No.

Two half door freezer with internal and external structure in 304 AISI stainless steel; external back panel in galvanized steel and bottom panel in anti-corrosive material. Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms. Optimized back to front forced air flow 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; automatic defrost and evaporation of defrost water. Operating temperature: -22/-15 °C. CFC and HCFC free. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems. R290 gas in refrigeration circuit.

#### **Main Features**

- Right hinged two 1/2 doors.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Automatic defrost.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- 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.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Right hinged full door.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Tropicalized unit.

#### Construction

- Constructed from the highest quality AISI 304 Stainless steel.
- 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.
- Doors are self-closing and can be fully opened up to 180°.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.

### Sustainability



- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 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.
- 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	<b>Accessories</b>

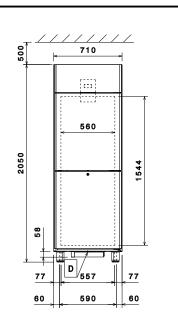
•	3 of 2/1GN grey rilsan grid with 2	PNC 881020
	runners	

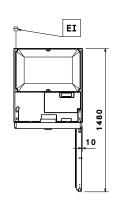
Optional Accessories		
• 2 stainless steel runners for refrigerated cabinets - (Marine)	PNC 880242	
• Set of 8 GN1/1 PVC containers for fish	PNC 880243	
<ul> <li>Spacer for 670 lt and 1430 lt refrigerated cabinets</li> </ul>	PNC 880248	
<ul> <li>Pedal opening for cabinets</li> </ul>	PNC 880324	
Kit remote alarm	PNC 880570	
<ul> <li>Ethernet connectivity kit IJF for Refrigeration</li> </ul>	PNC 880685	
<ul> <li>1/1GN plastic container with false bottom</li> </ul>	PNC 880705	
<ul> <li>4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models</li> </ul>	PNC 881002	
<ul> <li>2/1GN grey rilsan grid</li> </ul>	PNC 881004	
<ul> <li>2/1GN aisi 304 stainless steel grid</li> </ul>	PNC 881016	
<ul> <li>2/IGN 304 AISI stainless steel grid with 2 runners</li> </ul>	PNC 881018	
• 2/1GN grey rilsan grid with 2 runners	PNC 881020	
<ul> <li>Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers</li> </ul>	PNC 881021	
<ul> <li>2/1GN pvc container with lid and 2 runners</li> </ul>	PNC 881039	
<ul> <li>2/1GN perforated shelf</li> </ul>	PNC 881042	
• 1/1GN rilsan steel wire basket h=150mm	PNC 881043	
<ul> <li>2/1GN grey rilsan basket+2 runners h=150mm</li> </ul>	PNC 881047	
<ul> <li>IoT module for refrigerated cabinets and counters</li> </ul>	PNC 881298	
<ul> <li>POE switch</li> </ul>	PNC 922432	
Recommended Detergents		
S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T	PNC 0S2881	
<ul> <li>S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&amp;IMDG Limited Quantity</li> </ul>	PNC 0S3257	





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El = Electrical inlet (power)

**Electric** 

Front

Side

Top

Supply voltage: 220-240 V/1 ph/50 Hz

Electrical power, max: 0.51 kW

Capacity:

Number and type of grids

(included): 3 - 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: 2050 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** 44; 30 mm Number of positions & pitch: 670 It

Gross capacity: Type of model (EU

Regulation. 2015/1094): vertical frozen

**Refrigeration Data** 

Control type: Digital Refrigeration power at -30 °C evaporation temperature: Operating temperature min.: -22 °C Operating temperature max.: -15 °C

**ISO Certificates** 

Operating mode:

ISO 9001; ISO 14001; ISO

Ventilated

ISO Standards: 45001; ISO 50001

Sustainability

Refrigerant type: R290 **GWP Index:** Refrigeration power: 568 W Refrigerant weight (unit 1): 95 g

Energy Class (EU Reg. 2015/1094):

Yearly and daily energy

consumption (EU Reg.) 2015/1094):

2890kWh/year - 8kWh/24h

D

Climate class (EU Reg.

2015/1094): Heavy Duty (5)

**Energy Efficiency Index-EEI** 

(EU Reg. 2015/1094): 73,7





### ecostore 2 Half Door Digital Freezer, 670lt (-22/-15), AISI 304 - R290

**EU energy labelling from 1st July 2016** The European energy labelling scheme for professional

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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