

ecostore Premium 2 Half Door Dual Digital Refrigerator, 670lt (-2/-22) - R290

ITEM # _____
 MODEL # _____
 NAME # _____
 SIS # _____
 AIA # _____



727319 (ESP72HDFC)

Eco Store Premium Dual
Refrigerator-670 lt 2 half
doors (-2/-22°C) - R290 -
230 V/1N/50Hz

Short Form Specification

Item No.

Two half 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. Dual operating temperature: -2/+10°C -15/-22°C. CFC and HCFC free. R290 gas in refrigeration circuit. Supplied with n. 4x2/1GN 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

- Right hinged two 1/2 door with heated frame.
- 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.
- Dual temperature type: -2 +10 °C/-15 -22 °C.
- 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.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- 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.

User Interface & Data Management

- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- Large digital white-digit display with cabinet temperature display and setting, and possibility to select the desired levels of humidity. Bluetooth technology included allows to keep HACCP historical data and download them through the app.
- 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

APPROVAL: _____

- 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/humidity/turbocooling and set date/hour

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.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- CFC and HCFC-free insulation.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- R290 refrigerant to reduce green house and ozone depletion effects.
- 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.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- 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.
- 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.

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|---|------------|--------------------------|
| • 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 | ☐ |
| • S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity | PNC 0S3257 | ☐ |

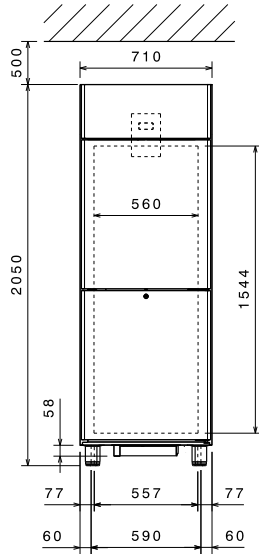
Included Accessories

- | | |
|--|------------|
| • 4 of 2/1GN grey rilsan grid with 2 runners | PNC 881020 |
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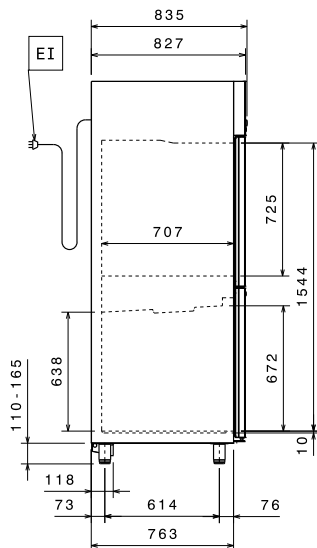
Optional Accessories

- | | | |
|---|------------|--------------------------|
| • 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 | ☐ |
| • 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 | ☐ |
| • 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 | ☐ |

Front

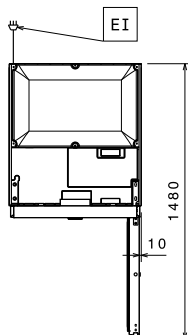


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage: 220-240 V/1 ph/50 Hz
 Electrical power, max: 0.5 kW

Capacity:

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

Key Information:

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
 Number of positions & pitch: 40; 30 mm
 Gross capacity: 670 lt

Refrigeration Data

Second Unit - Refrigerant Type: R290
 Control type: Digital
 Refrigeration power at evaporation temperature: -10 °C
 Operating temperature - First Unit (min-max): -2°C / 10°C
 Operating temperature - Second Unit (min-max): -15°C / -22°C
 Operating mode: Ventilated

ISO Certificates

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

Sustainability

Refrigerant type: R290
 Refrigerant weight (unit 1): 130 g