ecostore Touch
1 Door Refrigerator with LCD Touch Screen, 670 lt (-2/+10)

ITEM #

MODEL #

NAME #

SIS #

AIA #

ecostore Touch

1 Door Refrigerator with LCD Touch Screen, 670 lt (-2/+10)

727235 (EST71FR) Eco Store Touch Refrigerator- 670 lt 1 Door (-2/+10°C) - 230 V/1N/50Hz

Short Form Specification

Item No.

Full door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large external LCD touch display to allow: cabinet temperature indication; selection among 5 preset and 2 programmable food categories to adjust humidity level to the type of food stored; HACCP history for critical high temperature, alarm service and full diagnostic; Frost Watch Control 4 to defrost only when required with automatic evaporation of defrost water; probe failure indication and diagnostic. 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 and internal LED light. For ambient temperatures up to 43 °C. CFC and HCFC free. R134a gas in refrigeration circuit.

Supplied with n. 4x2/1GN A304 stainless steel grids. Provided with USB port to download temperature history and additional port to connect to a remote computer or integrated HACCP system.

APPROVAL:

Main Features

- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Interior LED light to save energy and for best internal visibility.
- Large external LCD touch display features the following benefits and advanced electronic functions:
  - Cabinet temperature indication
  - 5 selectable preset and 2 programmable food categories to set the appropriate temperature and humidity level, according to the type of food stored
  - HACCP: acoustic and visual alarms are activated when temperature exceeds critical limits. Up to 99 events are recorded and stored
  - Frost Watch Control4: defrost cycle driven by 4 probes and activated only when ice in the evaporator is detected
  - Failure indication: history of alarm events and performances of the last 48h of operation are stored in case of probe failure
  - Diagnostic: four probes constantly control the working conditions of the appliance
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Intelligent door frame heater, activated according to external temperature, avoids condensation build-up around the door frame.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce 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.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- 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).
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Provided with stainless steel A304 grids.
- Tropicalized unit (43°C ambient temperature).
- This appliance is intended for use in ambient temperatures up to 40°C.

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Construction

- Constructed from the highest quality AISI 304 Stainless steel.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Interior base with corners, pressed from a single sheet.
- Refrigerant type: R134a.
- CFC and HCFC-free insulation.
- Frontal and side IPX5 water protection.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
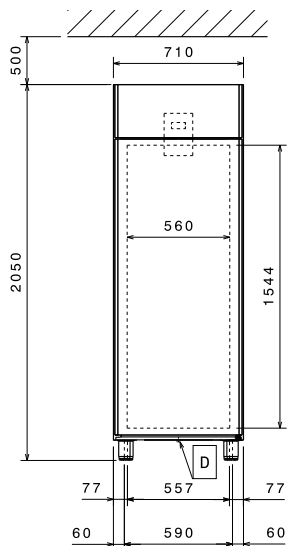- Lockable door.

Included Accessories

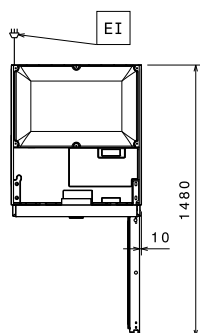- 4 of 2/1GN 304 AISI stainless steel grid   PNC 881018
  with 2 runners

Optional Accessories

- Grids support with 50 positions for   PNC 880237
  Ecostore Premium cabinets   ❏
- 2 stainless steel runners for refrigerated   PNC 880242
  cabinets - (Marine)   ❏
- Set of 8 GN1/1 PVC containers for fish   PNC 880243
                                               ❏
- Spacer for 670 lt and 1430 lt refrigerated   PNC 880248
  cabinets   ❏
- Pedal opening for cabinets   PNC 880324
                                               ❏
- 1/1GN plastic container with false   PNC 880705
  bottom   ❏
- 4 swivelling wheels (2 with brake) for   PNC 881002
  refrigerators, diam 125 mm, NOT for   ❏
  Glass Door and remote models
- Kit of 10 pairs of runners and 4 tray   PNC 881003
  supports to fit pastry trays (400x600mm)   ❏
- 2/1GN grey rilsan grid   PNC 881004
                                               ❏
- 2/1GN aisi 304 stainless steel grid   PNC 881016 ❏
- 2/1GN 304 AISI stainless steel grid with   PNC 881018 ❏
  2 runners
- Meat rail for 670/1430lt refrigerators with PNC 881019 ❏
  4 hooks
- 2/1GN grey rilsan grid with 2 runners   PNC 881020
                                               ❏
- Set of 2 stainless steel runners for   PNC 881021 ❏
  670/1430lt refrigerators and freezers
- 2/1GN pvc container with lid and 2   PNC 881039
  runners   ❏
- 2/1GN perforated shelf   PNC 881042
                                               ❏
- 1/1GN rilsan steel wire basket h=150mm   PNC 881043
                                               ❏
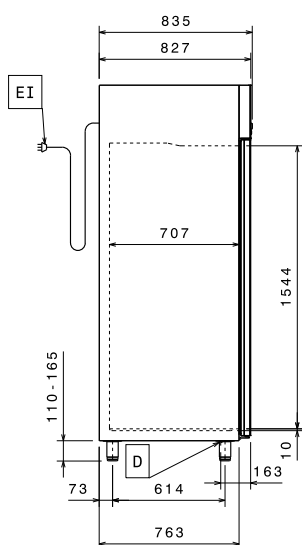- 2/1GN grey rilsan basket+2 runners   PNC 881047
  h=150mm   ❏

Front

Top

EI = Electrical connection
RI = Refrigerant Inlet
RO = Refrigerant Outlet

Side

Electric

Supply voltage:
727235 (EST71FR) — 230 V/1 ph/50 Hz
Electrical power max.: — 0.23 kW

Key Information:

Gross capacity:	670 lt
Net Volume:	503 lt
Door hinges:	Right Side
External dimensions, Height:	2050 mm
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
Number and type of doors:	1 Full
Number and type of grids (included):	4 – GN 2/1
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	44; 30 mm

Refrigeration Data

Control type:	Touch screen
Compressor power:	1/4 hp
Refrigerant type:	R134a
Refrigeration power:	358 W
Refrigeration power at evaporation temperature:	-10 °C
Refrigerant weight:	310 g
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated

Product Information (EU Regulation 2015/1094)

Energy Class:	D
Yearly energy consumption:	755kWh/year
Climate class:	Heavy Duty (5)
Energy Efficiency Index (EEI):	52,59

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