

ecostore
2 Doors Digital Freezer, 1430lt
(-22/-15) - Remote (CO2)

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



725246 (REX142FFRCO2)

2-door Freezer
 1430lt, -22-15°C, digital, AISI
 304, remote, CO2 with valve

Short Form Specification

Item No. _____

Two full 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. 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. Remote refrigeration unit; CO2 refrigerant with valve; ventilated operation; automatic defrost and evaporation of defrost water. Dual operating temperature: -22/-15°C. Supplied with n. 6x2/IGN Rilsan coated grids and n. 6 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.
- 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.
- Two full doors.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Tropicalized unit.

Construction

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

User Interface & Data Management

- Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms.

APPROVAL: _____

- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

- | | | |
|---|------------|--------------------------|
| • S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T | PNC 0S2881 | <input type="checkbox"/> |
| • S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity | PNC 0S3257 | <input type="checkbox"/> |

Sustainability



- 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 insulation.
- CO₂ (R744) is the refrigerant choice that's safe for the environment and delivers outstanding performance. Eco-Friendly: Zero Ozone Depletion Potential and an ultra-low Global Warming Potential (GWP = 1). Safe to Use: Non-toxic and non-flammable for peace of mind. Sustainable: A natural refrigerant that supports a greener, cleaner planet.

Included Accessories

- | | |
|--|------------|
| • 6 of 2/1GN grey rilsan grid with 2 runners | PNC 881020 |
|--|------------|

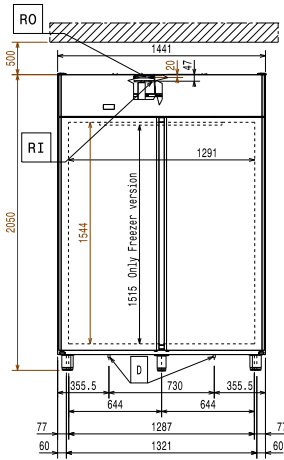
Optional Accessories

- | | | |
|--|------------|--------------------------|
| • 2 stainless steel runners for refrigerated cabinets - (Marine) | PNC 880242 | <input type="checkbox"/> |
| • Set of 8 GN1/1 PVC containers for fish | PNC 880243 | <input type="checkbox"/> |
| • Spacer for 670 lt and 1430 lt refrigerated cabinets | PNC 880248 | <input type="checkbox"/> |
| • Kit 20 pair runners and tray supports to fit pastry trays (400x600mm) | PNC 880333 | <input type="checkbox"/> |
| • Kit remote alarm | PNC 880570 | <input type="checkbox"/> |
| • Ethernet connectivity kit IJF for Refrigeration | PNC 880685 | <input type="checkbox"/> |
| • 1/1GN plastic container with false bottom | PNC 880705 | <input type="checkbox"/> |
| • 2/1GN grey rilsan grid | PNC 881004 | <input type="checkbox"/> |
| • 2/1GN aisi 304 stainless steel grid | PNC 881016 | <input type="checkbox"/> |
| • 2/1GN 304 AISI stainless steel grid with 2 runners | PNC 881018 | <input type="checkbox"/> |
| • 2/1GN grey rilsan grid with 2 runners | PNC 881020 | <input type="checkbox"/> |
| • Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers | PNC 881021 | <input type="checkbox"/> |
| • Pedal opening for 1430lt refrigerator | PNC 881033 | <input type="checkbox"/> |
| • 2/1GN pvc container with lid and 2 runners | PNC 881039 | <input type="checkbox"/> |
| • 2/1GN perforated shelf | PNC 881042 | <input type="checkbox"/> |
| • 1/1GN rilsan steel wire basket h=150mm | PNC 881043 | <input type="checkbox"/> |
| • 3 grey rilsan central grids for 1430lt (not for glass door) | PNC 881044 | <input type="checkbox"/> |
| • 2/1GN grey rilsan basket+2 runners h=150mm | PNC 881047 | <input type="checkbox"/> |
| • 5 swivelling wheels (2 with brake), diam 125mm, for 1430 lt refrigerators, NOT for remote models | PNC 881294 | <input type="checkbox"/> |
| • IoT module for refrigerated cabinets and counters | PNC 881298 | <input type="checkbox"/> |

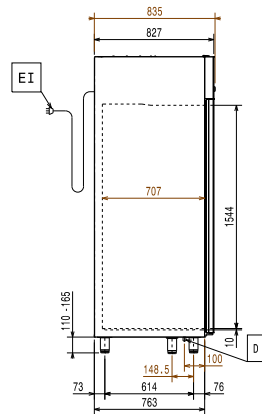
Recommended Detergents



Front

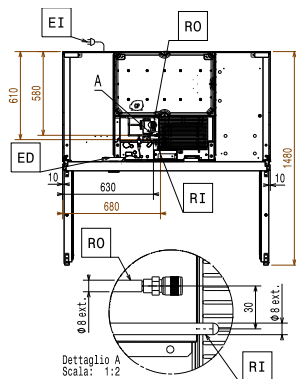


Side



EI = Electrical inlet (power)
 RI = Refrigerant Inlet
 RO = Refrigerant Outlet

Top



Electric

Supply voltage: 220-240 V/1 ph/50/60 Hz
 Electrical power, max: 0.21 kW

Capacity:

Number and type of grids (included): 6 - GN 2/1

Key Information:

Door hinges:
 External dimensions, Width: 1441 mm
 External dimensions, Depth: 835 mm
 External dimensions, Depth with Doors Open: 1480 mm
 External dimensions, Height: 2050 mm
 Number and type of doors: 2 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: 1430 lt

Refrigeration Data

Control type: Digital
 Refrigeration type: R744
 Suggested refrigeration power: 965 W
 Condition at evaporation temperature: -30 °C
 Condition at condensation temperature: 55 °C
 Condition at ambient temperature: 32 °C
 Connection pipes (remote) - outlet: 9.5 mm
 Connection pipes (remote) - inlet: 6 mm
 *Note: Ref. Power calculated at a linear distance of 15 mt (piping)

ISO Certificates

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