

ecostore HPe
1 Door Digital Stainless Steel Freezer,
670lt (-22/-15) - R290 - Class B

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____


725465 (RE471FFC)

 1-door Freezer 670lt, -22-15°
 C, digital, stainless steel,
 R290, Class B

Short Form Specification

Item No. _____

Full door freezer with internal and external structure in 430 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 possibility to activate manually the defrost cycle, turbocooling. 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 90 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. R290 gas in refrigeration circuit. Certified as Class B (in accordance with EU Regulation 2015/1094. Integrated 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.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Right hinged full door.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Automatic defrost.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °C.
- Tropicalized unit.

Construction

- Lockable door.
- AISI 430 stainless steel internal structure and external panels.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- Easy access to the main components for maintenance.
- 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.
- 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.

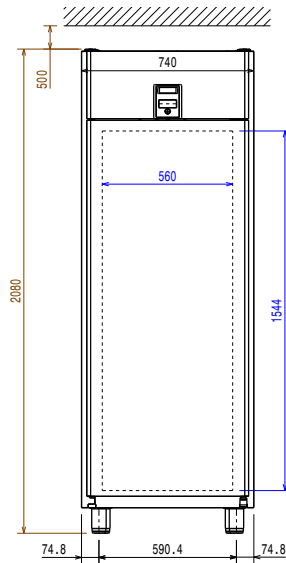
Sustainability

- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Fitted with 90 mm thickness of cyclopentane insulation for best insulating performance (thermal conductivity: 0,020 W/m*K) and lowest environmental impact (GWP=3).
- 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.

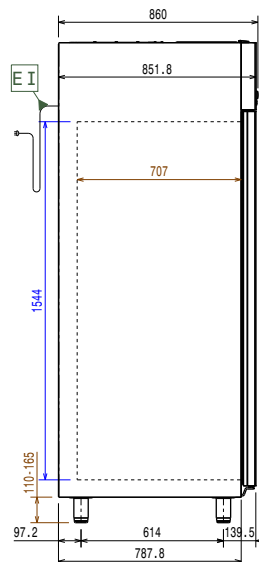
Included Accessories

APPROVAL: _____

Front

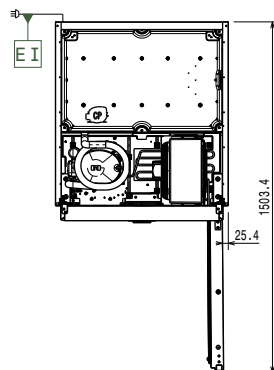


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage: 220-240 V/1 ph/50 Hz
Electrical power, max: 0.3 kW

Capacity:

Number and type of grids (included): 3 - GN 2/1

Key Information:

Net Volume: 503 lt
Door hinges:
External dimensions, Width: 740 mm
External dimensions, Depth: 860 mm
External dimensions, Depth with Doors Open: 1480 mm
External dimensions, Height: 2080 mm
Number and type of doors: 1 Full
Type of external material: Stainless Steel
Type of internal material: Stainless Steel
Internal panels material: Stainless Steel
Number of positions & pitch: 44; 30 mm
Gross capacity: 670 lt
Type of model (EU Regulation. 2015/1094): vertical frozen

Refrigeration Data

Control type: Digital
Refrigeration power at evaporation temperature: -23.3 °C
Operating temperature min.: -15 °C
Operating temperature max.: -22 °C
Compressor power: 3/4 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: 707 W
Refrigerant weight (unit 1): 90 g
Energy Class (EU Reg. 2015/1094): B
Yearly and daily energy consumption (EU Reg. 2015/1094): 1380kWh/year - 3.78kWh/24h
Climate class (EU Reg. 2015/1094): Heavy Duty (5)
Energy Efficiency Index-EEl (EU Reg. 2015/1094): 34.92

EU energy labelling from 1st July 2016

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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