

Crio Tech 1 Door Digital Freezer, 670lt (-22/-15) stainless steel - R290

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



729553 (ARE471FFC)

1-door freezer 670lt, -22-15°C,
(R290), digital

Short Form Specification

Item No.

Left-hinged full door freezer entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital display featuring cabinet temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads). HACCP-compliant control with alarms and history. Frost Watch Control to defrost only when required with automatic evaporation of defrost water. Three probes to constantly monitor the working conditions of the appliance. 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. For ambient temperatures up to 43 °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

- 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 storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- This appliance is intended for use in ambient temperatures up to 40°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).
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- 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.
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to two months of event are kept in memory.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Rilsan coated grids for improved protection.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Alpeninox Fridge Control APP make the life easier for our customers (available from April 2024):
 - Monitor safety of preservation process thanks to HACCP data & alarms for precise control
 - 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/turbocooling and set date/hour

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Constructed from the highest quality AISI 304 Stainless steel.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.

Sustainability

- 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.

APPROVAL: _____

- CFC and HCFC-free insulation.
- 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.
- 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.
- 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.



Included Accessories

- 3 of 2/1GN gray rilsan grid with 2 runners PNC 881020
- 1 of Kit of 4 small swivelling wheels (2 with PNC 881035 brake), diam 50mm, NOT for remote models

Optional Accessories

- 2 stainless steel runners for refrigerated cabinets - (Marine) PNC 880242
- Spacer for 670L and 1430L refrigerated cabinets PNC 880248
- Pedal opening for cabinets PNC 880324
- Ethernet connectivity kit IJF for Refrigeration PNC 880685
- Plastic container with false bottom, 1/1GN PNC 880705
- 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for remote models PNC 881002
- Kit to fit 10 pastry trays (400x600mm) PNC 881003
- 2/1GN gray rilsan grid PNC 881004
- AISI 304 stainless steel grid, 2/1GN PNC 881016
- AISI 304 stainless steel grid with 2 runners, 2/1GN PNC 881018
- 2/1GN gray rilsan grid with 2 runners PNC 881020
- Set of 2 stainless steel runners for 670/1430L refrigerators and freezers PNC 881021
- Kit of 4 small swivelling wheels (2 with brake), diam 50mm, NOT for remote models PNC 881035
- 2/1GN perforated shelf PNC 881042
- 1/1GN rilsan steel wire basket h150mm PNC 881043

Electric

Supply voltage:	729553 (ARE471FFC)	220-240 V/1 ph/50 Hz
Electrical power max.:		0.44 kW

Key Information:

Gross capacity:	670 lt
Net Volume:	
Door hinges:	Right Side
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2010 mm
Number and type of doors:	1 Full
Number and type of grids (included):	3 - GN 2/1
Type of external material:	Stainless Steel
Type of internal material:	Stainless Steel
Internal panels material:	Stainless Steel
Number of positions & pitch:	44; 30 mm

Refrigeration Data

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

Product Information (EU Regulation 2015/1094)

Type of model (EU Reg. 2015/1094):

Sustainability

Energy Class (EU Reg. 2015/1094):	
Yearly and daily energy consumption (EU Reg. 2015/1094):	kWh/year - 8kWh/24h
Climate class (EU Reg. 2015/1094):	
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	
Refrigerant type:	R290
Refrigeration power:	586 W
Refrigerant weight:	100 g