

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

ITEM # \_\_\_\_\_  
 MODEL # \_\_\_\_\_  
 NAME # \_\_\_\_\_  
 SIS # \_\_\_\_\_  
 AIA # \_\_\_\_\_



**729553 (ARE471FFC)** 1-door freezer 670lt, -22-15°C, (R290), digital

**729554 (CTEP71FFLC)** 1-door freezer 670lt, -22-15°C, (R290), digital, left hinged

### 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, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- Tropicalized unit (43°C ambient temperature).
- 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).
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 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.
- 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.
- 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.
- 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.
- 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.

### Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Constructed from the highest quality AISI 304 Stainless steel.
- CFC and HCFC-free insulation.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- R290 refrigerant to reduce green house and ozone depletion effects.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.

**APPROVAL:** \_\_\_\_\_

- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.



### Included Accessories

- 3 of 2/1GN gray rilsan grid with 2 runners PNC 881020
- 4 of 2/1GN gray rilsan grid with 2 runners PNC 881020
- 1 of Kit of 4 small swivelling wheels (2 with brake), diam 50mm, NOT for remote models (only for 729553) PNC 881035

### Optional Accessories

- Grids support with 50 positions for refrigerated cabinets (Crio Smart) (only for 729553) PNC 880236
- Grids support with 50 positions for refrigerated cabinets (Crio Tech) (only for 729554) PNC 880237
- 2 stainless steel runners for refrigerated cabinets - (Marine) PNC 880242
- 1/1GN set of 8 PVC containers for fish (only for 729554) PNC 880243
- Spacer for 670L and 1430L refrigerated cabinets PNC 880248
- Kit integrated HACCP for digital refrigerators (IR33) (only for 729553) PNC 880252
- Pedal opening for cabinets PNC 880324
- Plastic container with false bottom, 1/1GN PNC 880705
- 4 swivelling wheels (2 with brake) for refrigerators, diam 125mm, NOT for glass door and 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 (only for 729553) 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 (only for 729553) PNC 881035
- PVC container with lid and 2 runners, 2/1GN (only for 729554) PNC 881039
- 2/1GN perforated shelf PNC 881042
- 1/1GN rilsan steel wire basket h150mm PNC 881043
- 2/1GN gray rilsan basket + 2 runners h150mm (only for 729554) PNC 881047

### Electric

**Supply voltage:**

729553 (ARE471FFC)	/1 ph/ Hz
729554 (CTEP71FFLC)	220-230 V/1 ph/50 Hz

**Electrical power max.:**

### Key Information:

Gross capacity:	670 lt
Net Volume:	
Door hinges:	
External dimensions, Width:	710 mm
External dimensions, Height:	
729553 (ARE471FFC)	2010 mm
729554 (CTEP71FFLC)	2050 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):	
729553 (ARE471FFC)	3 - GN 2/1
729554 (CTEP71FFLC)	4 - GN 2/1
Type of external material:	
729553 (ARE471FFC)	Stainless Steel
729554 (CTEP71FFLC)	304 AISI
Type of internal material:	
729553 (ARE471FFC)	Stainless Steel
729554 (CTEP71FFLC)	304 AISI
Internal panels material:	
729553 (ARE471FFC)	Stainless Steel
729554 (CTEP71FFLC)	304 AISI
Number of positions & pitch:	44; 30 mm

### Refrigeration Data

Control type:	Digital
Refrigerant type:	
Refrigeration power:	586 W
Refrigeration power at evaporation temperature:	-30 °C
Refrigerant weight:	
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Operating mode:	Ventilated

### Product Information (EU Regulation 2015/1094)

**Energy Class:**

**Yearly and daily energy consumption:**

729553 (ARE471FFC)	kWh/year - 7.86kWh/24h
729554 (CTEP71FFLC)	2385kWh/year - 6.53kWh/24h

**Climate class:**

**Energy Efficiency Index (EEL):**

**Type of model:**

