

# ALPENINOX

## Crio Tech 1 Full & 2 Half Door Dual Digital Refrigerator, 1430lt (-2/-22) - R290

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



728714 (CTE143FDFC)

1-full and 2-half door, dual  
temperature refrigerator  
1430lt, -2/+10°C / -22-2°C,  
digital, (R209), AISI 304

### Short Form Specification

#### Item No.

One full and two half door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. Large digital display featuring humidity selection button (3 preset level), 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. IQ Defrost to defrost only when required with automatic evaporation of defrost water. Three probes to constantly monitor the working conditions of the appliance. Airflow System: 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. 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. Dual operating temperature: -2/+10°C -15/-22°C. For ambient temperatures up to 43°C. CFC and HCFC free. R290 gas in refrigeration circuit.

Supplied with n. 8x2/1GN Rilsan coated grids and n. 8 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

- Airflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- IQ Defrost: fully automatic defrost starts only when ice is actually building-up in the evaporator.
- Dual temperature type: -2 +10 °C/-15 -22 °C.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- 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.
- 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.
- One full door and two half doors with heated frame.
- Large digital white-digit display with humidity selection button (3 preset level), internal temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- 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.
- 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.

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

### Construction

- CFC and HCFC-free insulation.
- Constructed from the highest quality AISI 304 Stainless steel.
- Interior base with rounded corners, pressed from a single sheet.
- 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.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Lockable door.

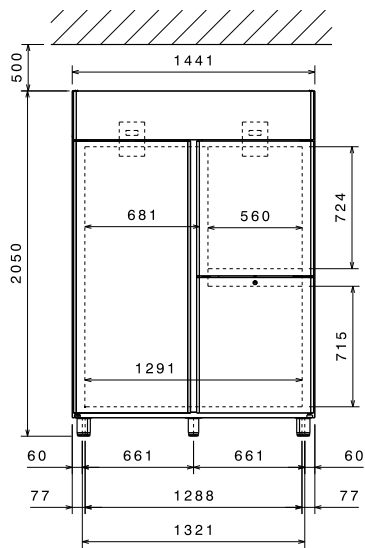
### Included Accessories

- 6 of AISI 304 stainless steel grid, GN 2/1 PNC 881016

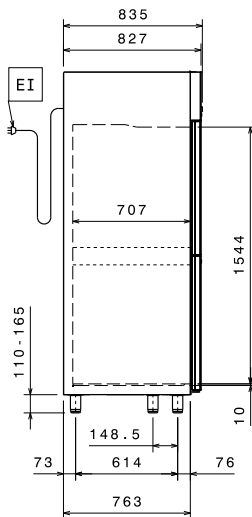
### Optional Accessories

- 2 stainless steel runners for refrigerated cabinets - (Marine) PNC 880242
- Set of 8 GN1/1 PVC containers for fish PNC 880243
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248
- Kit of 6 swivelling wheels, 2 with brake, diam 50 mm PNC 880340
- Plastic container with false bottom, GN 1/1 PNC 880705
- 4 swivelling wheels (2 with brake) for refrigerators, diam 125 mm, NOT for glass door and remote models PNC 881002
- Grey rilsan grid, GN 2/1 PNC 881004
- AISI 304 stainless steel grid, GN 2/1 PNC 881016
- AISI 304 stainless steel grid with 2 runners, GN 2/1 PNC 881018
- Grey rilsan grid with 2 runners, GN 2/1 PNC 881020
- Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers PNC 881021
- Pedal opening for 1430lt refrigerators PNC 881033
- PVC container with lid and 2 runners, GN 2/1 PNC 881039
- Perforated shelf, GN 2/1 PNC 881042
- Rilsan steel wire basket h=150mm, GN 1/1 PNC 881043
- 3 grey rilsan central grids for 1430lt (not for glass door) PNC 881044
- Grey rilsan basket+2 runners h=150mm, GN 2/1 PNC 881047

**Front**

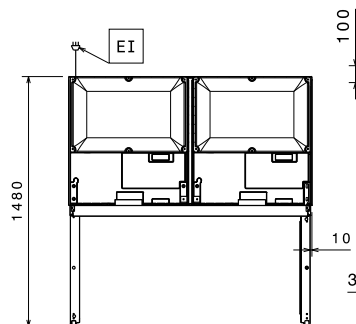


**Side**



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

**Top**



### Electric

Supply voltage:  
728714 (CTE143FDFC) 220-230 V/1 ph/50 Hz  
Electrical power max.: 0.77 kW

### Key Information:

Gross capacity: 1430 lt  
Net Volume:  
N° of doors: 1-2x1/2  
Door hinges: 1 Left+2 Right  
External dimensions, Width: 1441 mm  
External dimensions, Height: 2050 mm  
External dimensions, Depth: 835 mm  
External dimensions, Depth with Doors Open: 1480 mm  
Number and type of grids (included): 6 - 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: Digital  
Compressor power: 1 hp  
Refrigerant type: R290  
Second Unit - Refrigerant Type: R290  
Refrigeration power: 833 W  
Refrigeration power at evaporation temperature: -10 °C  
Refrigerant weight: 130 g  
Operating temperature min.: -2 °C  
Operating temperature max.: 10 °C  
Operating temperature - First Unit (min-max): -2°C / 10°C  
Operating temperature - Second Unit (min-max): -15°C / -22°C  
Operating mode: Ventilated  
Cooling unit: Built-In  
Defrost type: Electric

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

Energy Class:  
Yearly and daily energy consumption:  
Climate class:  
Energy Efficiency Index (EEI):  
Type of model: