

# ALPENINOX

## Crio Tech 2 Half Door Digital Refrigerator, 670lt (-2/+10)

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

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

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

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

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



728644 (CTE72HR)

2-half door refrigerator  
670lt, -2+10°C, digital, AISI  
304

### Short Form Specification

#### Item No.

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 provide 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. R134a gas in refrigeration circuit.

Supplied with n. 3x2/1GN 304 AISI stainless steel grids and n. 3 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.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- 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.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- 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.
- Improved defrost and evaporator fan management – defrost type changes with temperature set-point: electric below +2° C while air convection defrost above +2°C, thus saving energy.
- Right hinged two 1/2 door 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.
- 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.
- Provided with stainless steel A304 grids.
- Tropicalized unit (43°C ambient temperature).
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- This appliance is intended for use in ambient temperatures up to 40°C.

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

### Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Refrigerant type: R134a.
- 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.
- 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.

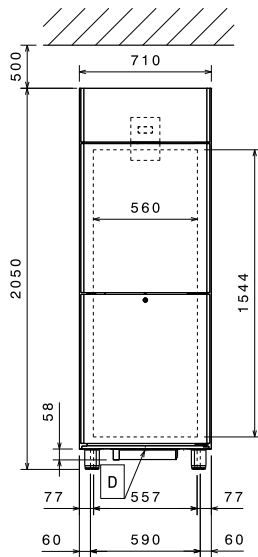
### Included Accessories

- 3 of AISI 304 stainless steel grid with 2 runners, 2/1GN PNC 881018

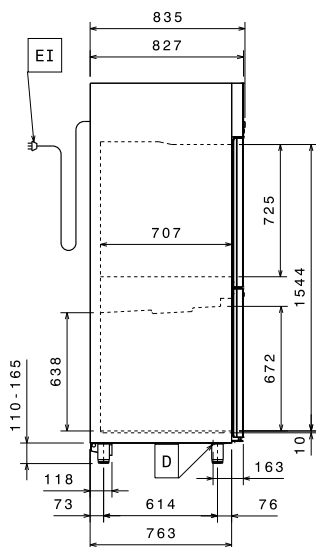
### Optional Accessories

- 2 stainless steel runners for refrigerated cabinets - (Marine) PNC 880242
- 1/1GN set of 8 PVC containers for fish PNC 880243
- Spacer for 670L and 1430L refrigerated cabinets PNC 880248
- 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
- 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
- Meat rail for 670/1430L refrigerators with 4 hooks PNC 881019
- 2/1GN gray rilsan grid with 2 runners PNC 881020
- Set of 2 stainless steel runners for 670/1430L refrigerators and freezers PNC 881021
- PVC container with lid and 2 runners, 2/1GN 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 PNC 881047

**Front**

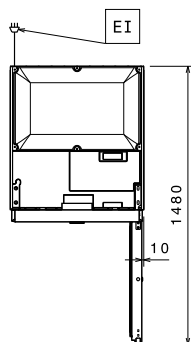


**Side**



EI = Electrical inlet (power)

**Top**



### Electric

|                        |                  |                      |
|------------------------|------------------|----------------------|
| Supply voltage:        | 728644 (CTE72HR) | 220-230 V/1 ph/50 Hz |
| Electrical power max.: |                  | 0.23 kW              |

### Key Information:

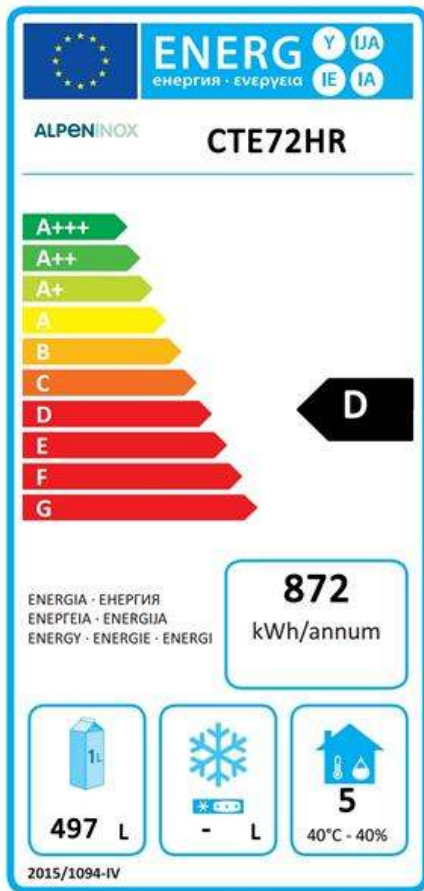
|   |            |
|---|------------|
| Gross capacity:                             | 670 lt     |
| Net Volume:                                 | 497 lt     |
| Door hinges:                                |            |
| External dimensions, Width:                 | 710 mm     |
| External dimensions, Height:                | 2050 mm    |
| External dimensions, Depth:                 | 835 mm     |
| External dimensions, Depth with Doors Open: | 1480 mm    |
| Number and type of doors:                   | 2x1/2 Full |
| Number and type of grids (included):        | 3 - GN 2/1 |
| Type of external material:                  | 304 AISI   |
| Type of internal material:                  | 304 AISI   |
| Internal panels material:                   | 304 AISI   |
| Number of positions & pitch:                | 40; 30 mm  |

### Refrigeration Data

|   |            |
|---|------------|
| Control type:                                   | Digital    |
| Compressor power:                               | 1/4 hp     |
| Refrigerant type:                               | R134a      |
| Refrigeration power:                            | 358 W      |
| Refrigeration power at evaporation temperature: | -10 °C     |
| Refrigerant weight:                             | 130 g      |
| Operating temperature min.:                     | -2 °C      |
| Operating temperature max.:                     | 10 °C      |
| Operating mode:                                 | Ventilated |

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

|                                      |                        |
|--------------------------------------|------------------------|
| Energy Class:                        | D                      |
| Yearly and daily energy consumption: | 872kWh/year - 2kWh/24h |
| Climate class:                       | Heavy Duty (5)         |
| Energy Efficiency Index (EEI):       | 61,16                  |
| Type of model:                       | vertical chilled       |



### 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.