

# ALPENINOX

## Crio Tech 2 Half Door Digital Freezer, 670lt (-22/-15)

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

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

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

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

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



728549 (CTE72HF6)

2-half door freezer  
670lt, -22-15°C, digital, AISI  
304

### Short Form Specification

#### Item No. \_\_\_\_\_

Two half 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. 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. R404a 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

- Right hinged two 1/2 door with heated frame.
- 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).
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Freezer model has operating temperatures that can be adjusted from -22 to -15 °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).
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Interior LED light to save energy and for best internal visibility.
- 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.
- Tropicalized unit (43°C ambient temperature).
- This appliance is intended for use in ambient temperatures up to 40°C.
- Provided with stainless steel A304 grids.

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

## Construction

- Constructed from the highest quality AISI 304 Stainless steel.
- Interior base with rounded corners, pressed from a single sheet.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Stainless steel runners and supports easily disassembled.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Easy access to the main components for maintenance.
- Lockable door.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- Refrigerant type: R404a.
- CFC and HCFC-free insulation.

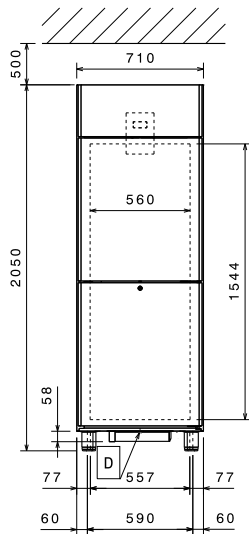
## Included Accessories

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

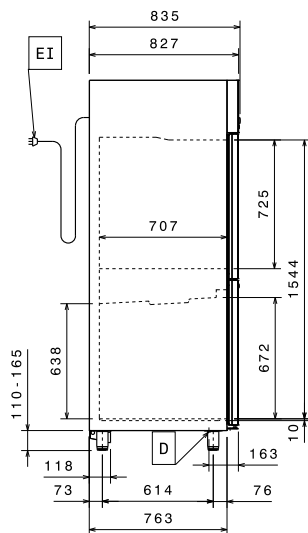
## Optional Accessories

- 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
- Pedal opening for cabinets PNC 880324
- 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
- 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
- Grey rilsan basket+2 runners h=150mm, GN 2/1 PNC 881047

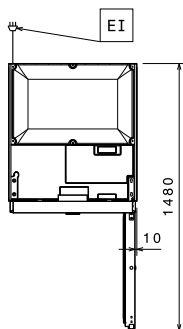
**Front**



**Side**



**Top**



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

### Electric

**Supply voltage:**  
 728549 (CTE72HF6) 220-230 V/1 ph/50 Hz  
**Electrical power max.:** 0.605 kW

### Key Information:

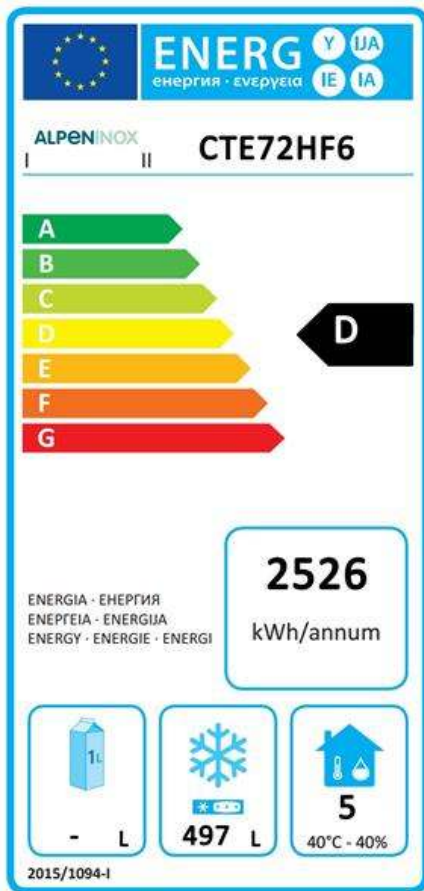
**Gross capacity:** 670 lt  
**Net Volume:** 497 lt  
**Door hinges:** 2 Right  
**External dimensions, Width:** 710 mm  
**External dimensions, Height:** 2050 mm  
**External dimensions, Depth:** 835 mm  
**External dimensions, Depth with Doors Open:** 1480 mm  
**Number and type of doors:** 2x1/2 Full  
**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  
**Refrigerant type:** R404a  
**Refrigeration power:** 707 W  
**Refrigeration power at evaporation temperature:** -30 °C  
**Refrigerant weight:** 220 g  
**Operating temperature min.:** -15 °C  
**Operating temperature max.:** -22 °C  
**Operating mode:** Ventilated

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

**Energy Class:** D  
**Yearly and daily energy consumption:** 2526kWh/year - 6.92kWh/24h  
**Climate class:** Heavy Duty (5)  
**Energy Efficiency Index (EER):** 64,41  
**Type of model:** vertical frozen



### 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.