

# ALPENINOX

## Crio Tech 1 Glass Door Digital Freezer, 670lt (-20/-15) Remote (R404A/R452a)

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

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

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

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

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



729514 (CTE71GFR)

1-glass door freezer  
670lt, -20-15°C, (R404A/  
R452A), digital, remote  
cooling unit, AISI 304

### Short Form Specification

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

Full glass 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. 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. Remote unit; ventilated operation; Internal LED light and internal back light. Operating temperature: -20/-15°C. For ambient temperatures up to 32 °C. CFC and HCFC free.

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.
- Performance guaranteed at ambient temperatures of +32°C.
- Right hinged glass door with heated frame.
- 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).
- Adjustable temperature range from -15°C to -20°C to suit all storage requirements.
- 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.
- Large digital white-digit display with cabinet temperature display and setting, manual activation of defrost cycle, turbo frost cycle (to rapidly cool warm loads) and internal light switch.
- 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.
- Led lights on the door guarantee an even light in the cavity.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).

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

## 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.
- 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.
- Remote refrigeration unit.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Refrigerant type: R452a or R404A.
- CFC and HCFC-free insulation.

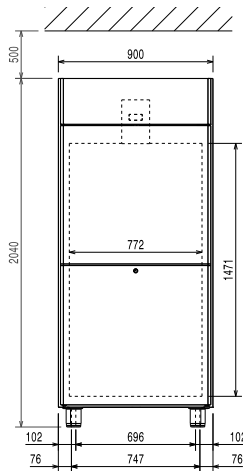
## Included Accessories

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

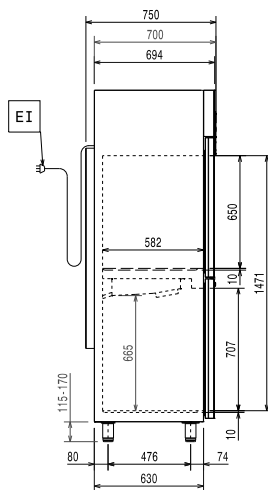
## Optional Accessories

- 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
- 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
- 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
- Glass door protection kit PNC 881163

**Front**

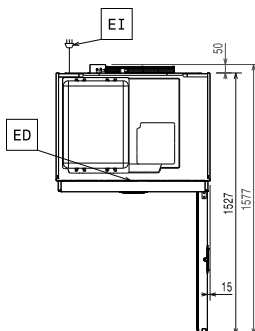


**Side**



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

**Top**



### Electric

**Supply voltage:**

729514 (CTE71GFR) 220-230 V/1 ph/50 Hz

**Electrical power max.:**

0.1 kW

### Key Information:

<b>Gross capacity:</b>	670 lt
<b>External dimensions, Width:</b>	710 mm
<b>External dimensions, Height:</b>	2050 mm
<b>External dimensions, Depth:</b>	835 mm
<b>External dimensions, Depth with Doors Open:</b>	1480 mm
<b>Number and type of grids (included):</b>	3 - GN 2/1
<b>Type of external material:</b>	304 AISI
<b>Type of internal material:</b>	304 AISI
<b>Internal panels material:</b>	304 AISI
<b>Number of positions &amp; pitch:</b>	44; 30 mm

### Refrigeration Data

<b>Control type:</b>	Digital
<b>Operating temperature min.:</b>	-15 °C
<b>Operating temperature max.:</b>	-20 °C
<b>Refrigeration type:</b>	R404A;R452A
<b>Operating mode:</b>	Ventilated
<b>Defrost type:</b>	Electric
<b>Suggested refrigeration power:</b>	785 W
<b>Condition at evaporation temperature:</b>	-30 °C
<b>Condition at condensation temperature:</b>	55 °C
<b>Condition at ambient temperature:</b>	32 °C
<b>Connection pipes (remote) - outlet:</b>	9.5 mm
<b>Connection pipes (remote) - inlet:</b>	6 mm

**\*Note:**

Ref. Power calculated at a linear distance of 15 mt (piping)