ALPENINOX

Crio Tech
2 Door Digital Freezer, 1430lt (-22/-15) - Remote

728695 (CTE142FFR)   2-door freezer 1430L, -22-15° C, digital, AISI 304, remote

Short Form Specification

Item No.

Two full doors freezer with internal and external structure in 304 AISI stainless steel; external back panel in galvanized steel and bottom panel in anti-corrosive material. Digital control with cabinet temperature display, setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms. Optimized back to front forced air flow 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. Remote refrigeration unit; ventilated operation; automatic defrost and evaporation of defrost water. Dual operating temperature: -22/-15°C. CFC and HCFC free. R404a gas in refrigeration circuit. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- Freezer model has operating temperatures that can be adjusted from -22 to -15 °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).
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Rilsan coated grids for improved protection.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Internal structure with 44 charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Possibility to select 3 different levels of humidity according with the type of food stored inside.
- Large digital white-digit display with cabinet temperature display and setting, activation of turbo frost cycle (to rapidly cool warm loads) and possibility to activate manually the defrost cycle.
- Alpeninox Fridge Control APP make the life easier for our customers:
  - Monitor safety of preservation process thanks to HACCP data & alarms for precise control
  - Save time and easy data management having the possibility to send the HACCP information in excel format directly to e-mail address
  - Quick operations: set the cabinet temperature/turbocooling and set date/hour
- Tropicalized unit.

APPROVAL:

ALPENINOX

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Lockable door.
- Refrigerant type: R404a.
- 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.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Remote refrigeration unit.

Sustainability

- IQ Defrost - fully automatic defrost starts only when ice is actually building-up in the evaporator and adapts the defrosting duration to guarantee perfect ice removal while optimizing energy efficiency consumption.
- CFC and HCFC-free insulation.
- Interior LED light to save energy and for best internal visibility.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
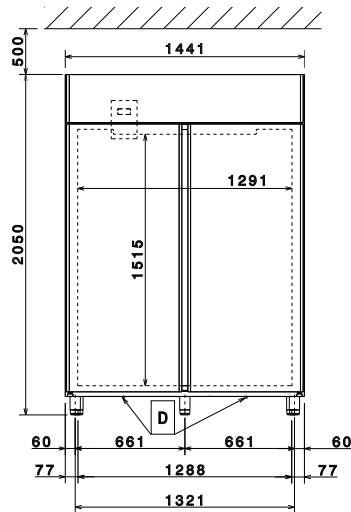
Included Accessories

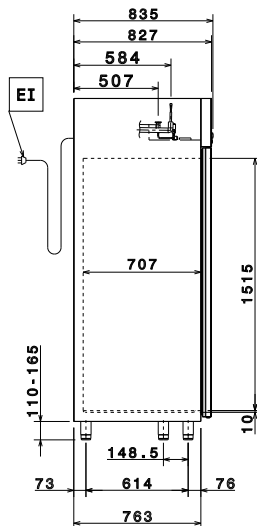- 6 of AISI 304 stainless steel grid with 2 runners, 2/1GN   PNC 881018

Optional Accessories

- Remote unit -22-15°C for 1430L refrigerated cabinets (R404a)   PNC 880233   ❏
- 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   ❏
- Kit to fit 20 pastry trays (400x600mm)   PNC 880333   ❏
- Plastic container with false bottom, 1/1GN   PNC 880705   ❏
- 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   ❏
- Pedal opening for 1430L refrigerators   PNC 881033   ❏
- 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   ❏
- 3 gray rilsan central grids for 1430L (not for glass door)   PNC 881044   ❏
- 2/1GN gray rilsan basket + 2 runners h150mm   PNC 881047   ❏
- 5 swivelling wheels (2 with brake), diam 125mm, for 1430 lt refrigerators, NOT for remote models   PNC 881294   ❏
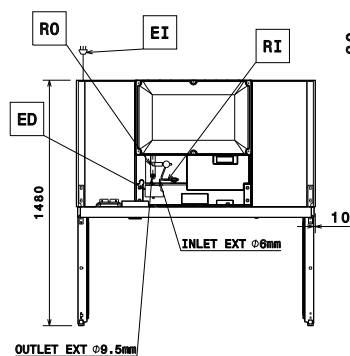
2024.09.03

Front

Side

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

Top

Electric

Supply voltage:

728695 (CTE142FFR)	220-240 V/1 ph/50/60 Hz
Electrical power max.:	0.305 kW

Key Information:

Gross capacity:	1430 lt
Door hinges:	1 Left+1 Right
External dimensions, Width:	1441 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2050 mm
Number and type of doors:	2 Full
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
Refrigeration type:	R404A;R452A
Suggested refrigeration power:	1062 W
Condition at evaporation temperature:	-30 °C
Condition at condensation temperature:	55 °C
Condition at ambient temperature:	32 °C
Connection pipes (remote) - outlet:	9.5 mm
Connection pipes (remote) - inlet:	6 mm
*Note:	Ref. Power calculated at a linear distance of 15 mt (piping)

2024.09.03