

ALPENINOX

Crio Smart 2 Half Door Dual Digital Refrigerator, 670lt (-2/-2) R290

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



729674 (AR72HDR)

2-half door, dual refrigerator
670lt, -2+10°C / -2+10°C,
digital, AISI 304, R290

Short Form Specification

Item No.

Two half door refrigerator 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 and 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. 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; automatic defrost and evaporation of defrost water. Dual operating temperature: -2/+10°C -2/+10°C. For ambient temperatures up to 43 °C. CFC and HCFC free. R290 gas in refrigeration circuit. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- CFC and HCFC free (highly ecological refrigerant type: R290).
- Cabinet fitted with up to 75 mm thickness of cyclopentane insulation for best insulating performance with 100% environmental protection (thermal conductivity: 0,020 W/m²K).
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Easy serviceability thanks to the intuitive control panel with remote access via app.
- 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.
- Tropicalized unit (43°C ambient temperature).
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Rilsan coated grids for improved protection.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Automatic defrost.
- 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).
- Right hinged two 1/2 doors.
- Equipped with single phase electrical cable and Schuko plug for easy and fast installation.
- Right hinged full door.
- Dual temperature type: -2 +10 °C/-2 +10 °C.
- This appliance is intended for use in ambient temperatures up to 40°C.
- Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms.

Construction

- Easy access to the main components for maintenance.
- Constructed from the highest quality AISI 304 Stainless steel.
- 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.
- Doors are self-closing and can be fully opened up to 180°.
- Lockable door.
- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.
- Mounted on adjustable Stainless steel feet, with castors as an option.
- Interior base with rounded corners, pressed from a single sheet.

APPROVAL: _____

Sustainability

- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- 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.
- CFC and HCFC free, highly ecological refrigerant type: R290 (ecological gas in foam: cyclopentane). Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3), to reduce green house and ozone depletion effects.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.
- CFC and HCFC-free insulation.

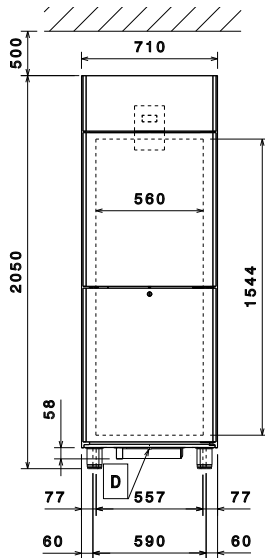
Included Accessories

- 3 of 2/1GN gray rilsan grid with 2 runners PNC 881020

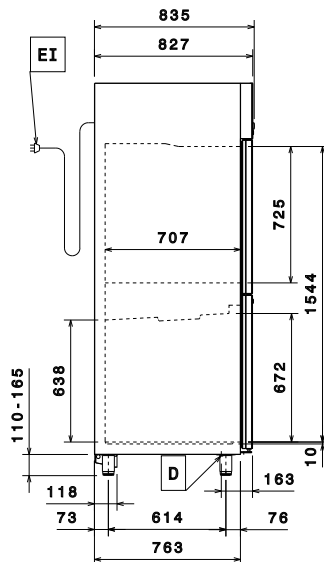
Optional Accessories

- 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
- Kit integrated HACCP for digital refrigerators (IR33) PNC 880252
- Pedal opening for cabinets PNC 880324
- Ethernet connectivity kit IJF for Refrigeration PNC 880685
- Plastic container with false bottom, 1/1GN PNC 880705
- 4 swivelling wheels (2 with brake), diam 125 mm, for refrigerators, NOT for 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
- 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

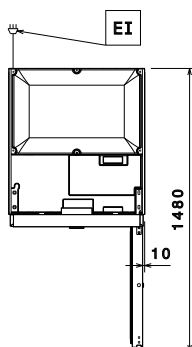


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	729674 (AR72HDR)	220-240 V/1 ph/50 Hz
Electrical power max.:		0.252 kW
Defrost Power:		0.25 kW
Plug type:		CE-SCHUKO

Key Information:

Gross capacity:	670 lt
Net Volume:	420 lt
Door hinges:	2 Right
External dimensions, Width:	710 mm
External dimensions, Depth:	835 mm
External dimensions, Height:	2050 mm
Number and type of doors:	2x1/2 Full
Internal Dimensions, Width:	560 mm
Internal Dimensions, Depth:	707 mm
Internal Dimensions, Height:	711 mm
Net weight:	112 kg
Shipping volume:	1.46 m ³
Height adjustment:	20/35 mm
Number and type of grids (included):	3 - GN 2/1

Refrigeration Data

Control type:	Digital
Compressor power:	1/3 hp
Refrigeration power at evaporation temperature:	-10 °C
Min/Max internal humidity:	
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated

Product Information (EU Regulation 2015/1094)

Type of model (EU Reg. 2015/1094):	vertical chilled
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Sustainability

Current consumption:	1.9 Amps
Energy Class (EU Reg. 2015/1094):	E
Yearly and daily energy consumption (EU Reg. 2015/1094):	1095kWh/year - 3kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	84,29
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	384 W
Refrigerant weight:	100 g
Energy consumption (min,default):	0 - 0 kW/h

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.

SI 2020 No. 1528.

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