1 door prostore freezer 470lt, -22-15°C, AISI 304, remote, R404a

729529 (APS04F1FR)
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What our App can do for you:

- Stay Connected: real-time equipment monitoring ensures you're always up to date
- Smart Connection: bluetooth integration for fast, reliable control
- Control at Your Fingertips: adjustments made easy for seamless operations
- Effortless Compliance: download HACCP data in seconds, simplifying food safety management

Main Features

- Complies with main international certification bodies and is CE marked.
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Optimized airflow within the chamber guarantees uniformity of temperature on all grids.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- IQ Defrost: fully automatic defrost starts only when ice is actually building-up in the evaporator.
- Adjustable temperature range from -15°C to -22°C.
- Model requires only 1 phase 230V/50Hz supply and can be plugged straight into an existing power socket.
- Greater storage space: internal structure with numerous charging positions available to host grids, ensuring higher net capacity.
- Large storage area suitable to contain 520x442 mm grids or shelves to improve net capacity.
- Self closing and on site reversible left/right doors.
- IPX5 frontal water protection.
- Tropicalized unit.

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

Construction

- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Lockable door.
- Inner cell with rounded corners, bottom pressed in only one piece.
- Easy access to the main components for maintenance.
- Stainless steel runners and supports easily disassembled.
- Pressed stainless steel door handle without joints gathering dust and dirt.
- Automatic heated door frame.
- Stainless steel AISI 304 external panels (galvanized external back).
- Internal components removable without the use of tools to facilitate cleaning operations.

User Interface & Data Management

- 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.
- Large digital white-digit display with cabinet temperature display and setting, and possibility to select the desired levels of humidity. Bluetooth technology included allows to keep HACCP historical data and download them through the app.
- Alpeninox Fridge Control APP makes 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 (up to 30 days of memory)
  - Quick operations: set the cabinet temperature/humidity/turbocooling and set date/hour
- Large digital white-digit display with cabinet temperature display and setting and turbo frost cycle (to rapidly cool warm loads).
- Connect the product (with accessory) to the OneConnected Platform via Wi Fi or ethernet connection for a seamless remote experience. Real-time monitoring and analytics, alarm management, HACCP data management, APIs, and advanced features keep your fridge fully under control.

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A focus on sustainability

Sustainability

- CFC and HCFC free (ecological refrigerant type: R404a, gas in foam: cyclopenthane).
- Optical door microswitch to stop the fan once the door is opened, thus minimizing energy waste.
- Interior LED light to save energy and for best internal visibility.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Insulation thickness: 65 mm of polyurethane injected with ecological foaming gas cyclopentane to ensure effective insulation with minimum energy consumption (thermal conductivity: 0,020 W/m*K).

Certifications & Recognitions

International system for mutual acceptance of test reports and certificates concerning the safety of electrical and electronic components, equipment, and products.

Product assessed by the manufacturer and deemed to meet EU safety, health, and environmental protection requirements.

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Technical specifications

Electric

Supply voltage:	220-240 V/1 ph/50 Hz

Key Information:

Number and type of grids (included):	4 (520x442)
External dimensions, Width:	600 mm
External dimensions, Depth:	700 mm
External dimensions, Depth with Doors Open:	1226 mm
External dimensions, Height:	2040 mm
Number and type of doors:	1 Full
Internal Dimensions, Width:	472 mm
Internal Dimensions, Depth:	582 mm
Internal Dimensions, Height:	1474 mm
Height adjustment:	15/40 mm
Type of external material:	Stainless Steel AISI 304
Type of internal material:	Stainless Steel AISI 304
Number of positions & pitch:	44; 22 mm
Gross capacity:	470 liter

Refrigeration Data

Control type:	Digital
Operating temperature min.:	-22 °C
Operating temperature max.:	-15 °C
Refrigeration type:	R404A;R452A
Operating mode:	Ventilated
Cooling unit:	Remote
Defrost type:	Electric
Suggested refrigeration power:	654 W
Condition at evaporation temperature:	-30 °C
Condition at condensation temperature:	55 °C
Condition at ambient temperature:	43 °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)

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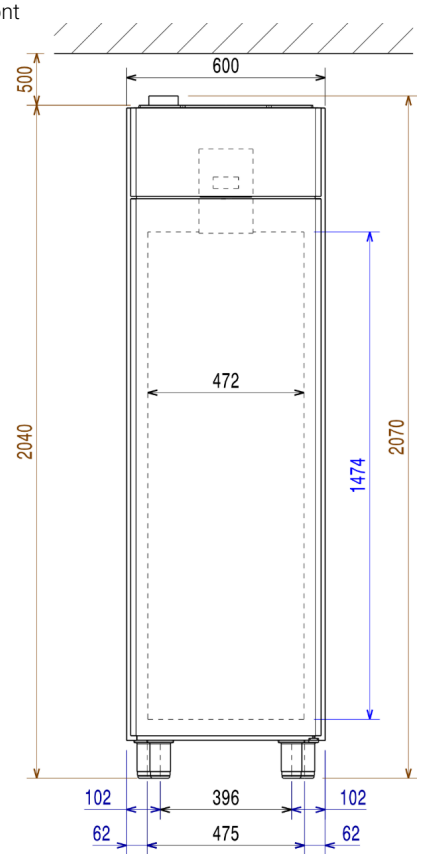
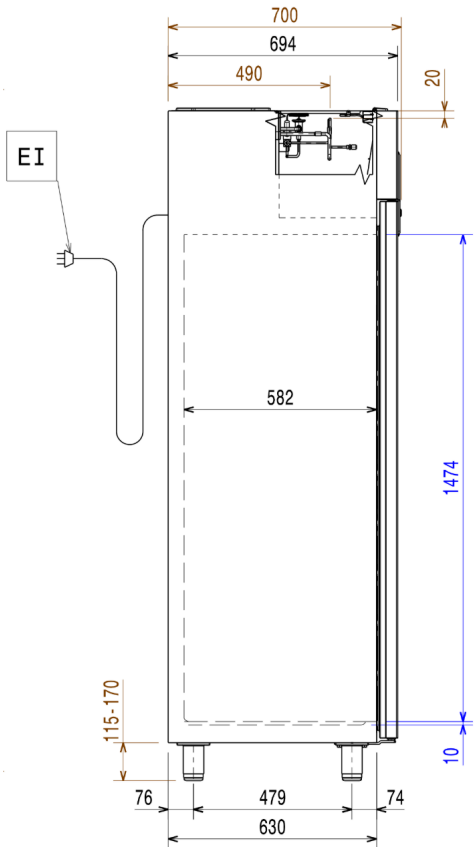
Installation drawings

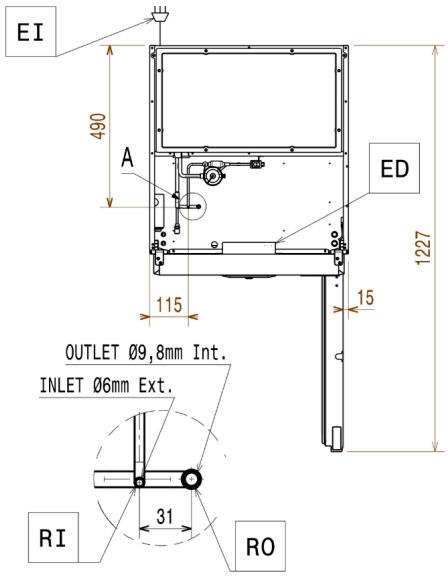
Front



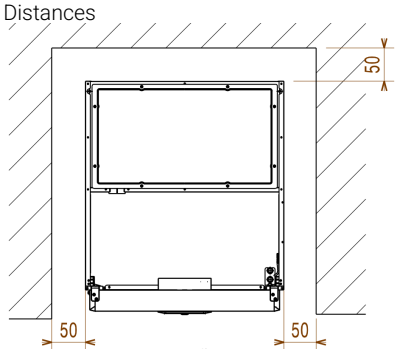
Side



Top



Distances



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

Accessories

Included Accessories

PNC Code	Description	Quantity
880324	Pedal opening for cabinets	1
880335	Pair of runners for 470L and 720L prostore cabinets	4
880342	Rilsan-coated grid 520x442mm for Prostore 470l	5

Optional Accessories

PNC Code	Description
Containers, trays and grids	
880321	Stainless steel grid (520x442)
880327	Kit pair of runners (marine)
880328	Base frame for 1/1GN rack for 470L prostore
880335	Pair of runners for 470L and 720L prostore cabinets
880342	Rilsan-coated grid 520x442mm for Prostore 470l
Feet, wheels and ramps	
880324	Pedal opening for cabinets
880325	Kit 4 feet, height 200mm
880326	Kit of 4 feet-h=67 (marine)
Remote units	
881123	Remote unit for 670L cabinets and freezer counters - 2 and 3 compartments (R404a)

Recommended Detergents

PNC Code	Description
0S2881	S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T
0S2883	S03 ALCOHOL BASE DETERGENT; 6 BOTTLES X 750ML; ADR&IMDG&IATA Limited Quantity
0S2884	S04 GLASSES & HARD SURFACES CLEANERS; 6 BOTTLES X 750ML
0S3257	S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity

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