

## Roll-in 1 Door Refrigerator, 1600lt (+2/+10) - Remote

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

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

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

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

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



729165 (ARI16R1FR)

1-door roll-in refrigerator  
1600lt, +2/+10°C, AISI 304,  
remote

### Short Form Specification

**Item No.** \_\_\_\_\_

External and internal in AISI 304 stainless steel. Insulation thickness 75mm. Reversible right hinged full door (need an accessory to have the reversible door), 60mm thick insulation lock included. Bottom door gasket adjustable. Universal shock protectors on all sides. Remote refrigeration unit (not included); ventilated operating mode. Digital control panel; temperature display; humidity control; hidden evaporator; automatic defrost and automatic evaporation of defrost water. Evaporator probe optimizes defrost cycle. Operating temperature +2/+10°C at 43°C ambient temperature. CFC and HCFC free insulation. R134a gas in refrigeration circuit. Gas in foam: Cyclopentane.

### Main Features

- Certified safety CE requirements.
  - Adjustable temperature range from -2 °C to +10 °C to suit meat, fish and dairy storage requirements.
  - One full door.
  - The operating temperature can be adjusted from +2 to +10°C to suit both meat and dairy storage requirements.
  - Large digital white-digit display with humidity selection button (3 preset level), internal temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
  - Equipped with Optiflow forced air circulation system for rapid cooling and temperature distribution within the cell.
  - Simple control panel: on/off switch, high/low humidity switch and digital temperature display.
  - Tropicalized unit (43°C ambient temperature).
  - Automatic defrost and automatic evaporation of defrost water.
  - Fitted with 90 mm thickness of cyclopentane insulation for best insulating performance (thermal conductivity: 0,020 W/m\*K) and lowest environmental impact (GWP=3).
  - Ventilated cooling for optimal temperature distribution.
  - 0mm clearance installation space: tower configuration cooling unit guarantee performance with frontal ventilation only; this unique solution allows installation against the wall or side by side with other appliances, even on the cooling unit side to maximize the use of kitchen space.
  - Universal shock-protectors on all sides.
  - Frost Watch Control starts automatically the defrosting process only when needed and ends once ice is melted, improving energy efficiency results.
  - Combination of doors and drawers to suit any configuration needed, with the possibility to change the configuration on site. Right cooling unit available on request.
  - Plug-in installation: 1 phase, 220/240V supply.
  - 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.
  - Anti-tilt runners accept GN 1/1 containers.
  - Self closing stainless steel doors (< 90°).
  - Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- ### Construction
- Interior cell and external panel are constructed in 304 AISI stainless steel.
  - Bottom panel with rounded internal corners avoids dirt traps.
  - 75 mm thick insulation, with cyclopentane injection

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

for long-term insulation and energy saving.

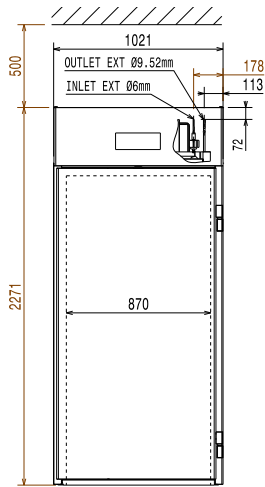
- Remote refrigeration unit.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Finished in top quality materials to ensure durability.
- Interior base with rounded corners, pressed from a single sheet.
- Ease of cleaning and high hygiene standards thanks to the rounded internal corners, the easily removable runners, grids and air conveyors.
- Internal structure with 15 charging positions (3 cm pitch) available to host GN 1/1 grids, ensuring higher net capacity and a greater storage space.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Internal and external doors, front and side panels and removable worktop in AISI 304 Stainless steel.
- External bottom panel in stainless steel.
- External back panel in galvanized steel.
- Fault code display.

### Optional Accessories

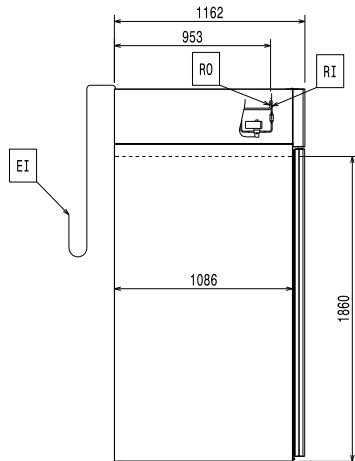
- |   |            |   |
|---|------------|---|
| • Trolley for 2/1GN roll-in rack  | PNC 880017 | □ |
| • Base for roll-in-rack   | PNC 880018 | □ |
| • Kit with 2 hinges for door reversibility  | PNC 881432 | □ |
| • 2/1GN roll-in rack  | PNC 881449 | □ |
| • Banquet trolley with rack holding 92 plates for 20x2/1GN oven and blast chiller freezer, 85mm pitch | PNC 922055 | □ |
| • Trolley for 20x2/1GN roll-in rack   | PNC 922134 | □ |
| • Base for 20x2/1GN roll-in rack  | PNC 922142 | □ |
| • 60mm pitch roll-in rack for 20x2/1GN  | PNC 922204 | □ |
| • 80mm pitch roll-in rack for 14x2/1GN  | PNC 922206 | □ |



**Front**

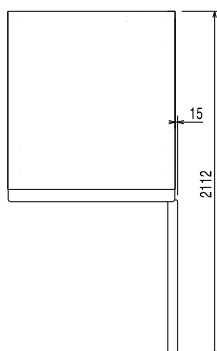


**Side**



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

**Top**



### Electric

Supply voltage:	729165 (ARI16R1FR)	230 V/1 ph/50 Hz
Electrical power max.:		0.2 kW
Defrost Power:		1 kW
Current consumption:		1 Amps
Plug type:		CE-SCHUKO
Energy consumption (min,default):		0 - 0 kW/h

### Key Information:

Gross capacity:	1630 lt
Net Volume:	
Door hinges:	
External dimensions, Width:	1021 mm
External dimensions, Height:	2271 mm
External dimensions, Depth:	1163 mm
Number and type of doors:	1 Full
Internal Dimensions (depth):	1039 mm
Internal Dimensions (height):	1860 mm
Internal Dimensions (width):	870 mm
Net weight:	180 kg
Shipping volume:	3.18 m <sup>3</sup>
Height adjustment:	0/0 mm
Number and type of grids (included):	- GN 2/1

### Refrigeration Data

Control type:	Digital
Compressor power:	
GWP Index:	1430
Refrigeration power:	0 W
Refrigeration power at evaporation temperature:	0 °C
Refrigerant weight:	0 g
Min/Max internal humidity:	75/90
Operating temperature min.:	2 °C
Operating temperature max.:	10 °C
Refrigeration type:	R134a;R513A;R426A
Operating mode:	Ventilated
Suggested refrigeration power:	1380 W
Condition at evaporation temperature:	0 °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

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

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1 Door Refrigerator, 1600lt (+2/+10) - Remote

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

# ALPENINOX

## **Roll-in 1 Door Refrigerator, 1600lt (+2/+10) - Remote**

**Energy Class:**

**Yearly and daily energy consumption:**

**Climate class:**

**Energy Efficiency Index (EEI):**



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