Refrigerated Counter - 590lt, 4-Door, No Top, Right Cooling Unit

712273 (AH4H5AAAA)
4-door refrigerated counter 590L, -2+10°C, (R290), AISI 304, without worktop, with right cooling unit

Main Features

- Adjustable temperature range from -2 °C to +10 °C to suit meat, fish and dairy storage requirements.
- Anti-tilt runners accept GN 1/1 containers.
- Self closing stainless steel doors (< 90°).
- 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.
- Preservation performances and temperature uniformity within the cell guaranteed at 5-HEAVY DUTY (40°C) working conditions according to EN16825:2016 test protocol.
- Fully removable cooling unit to facilitate maintenance.
- Frontal and easy access to all components in the cooling unit.
- Certified safety CE requirements.
- Equipped with Airflow system: forced air circulation system for rapid cooling and even temperature distribution within the cell.
- Combination of doors and drawers to suit any configuration need, with the possibility to change the configuration on site.
- Tropicalized unit.

Construction

- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Fault code display.
- Interior base with rounded corners, pressed from a single sheet.
- Built-in refrigeration unit.
- 4 compartments with 4 doors.
- Mounted on stainless steel feet to give 150 mm (-5/+50 mm) clearance for ease of cleaning the floor.
- 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.
- IP21 protection index.

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

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.
- 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 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).
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- 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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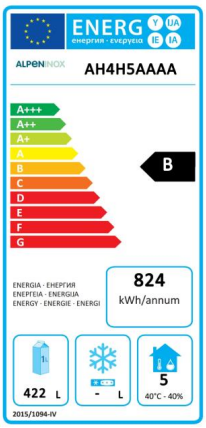
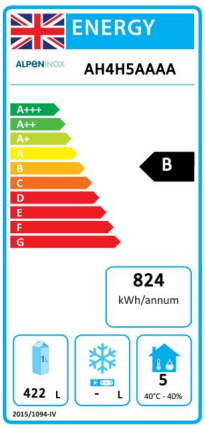
A focus on sustainability

Sustainability

- 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.
- 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).
- Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3) - CFC and HCFC free.
- 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.
- Hot gas automatic evaporation of defrost water.





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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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
Defrost Power:	0.22 kW
Plug type:	CE-SCHUKO
Compressor power:	1/4 hp

Key Information:

Net Volume:	422 lt
External dimensions, Width:	2249 mm
External dimensions, Depth:	700 mm
External dimensions, Height:	850 mm
Internal Dimensions, Width:	1706 mm
Internal Dimensions, Depth:	560 mm
Internal Dimensions, Height:	550 mm
Net weight:	165 kg
Shipping volume:	1.87 m³
Depth with doors open:	1110 mm
Height adjustment:	-5/50 mm
Gross capacity:	590 liter

Refrigeration Data

Control type:	Digital
Refrigeration power at evaporation temperature:	-10 °C
Min/Max internal humidity:	40/85
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated

Sustainability

Refrigerant type:	R290
Refrigeration power:	320 W
Refrigerant weight:	70 g
Energy Class (EU Reg. 2015/1094):	B
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	28,73

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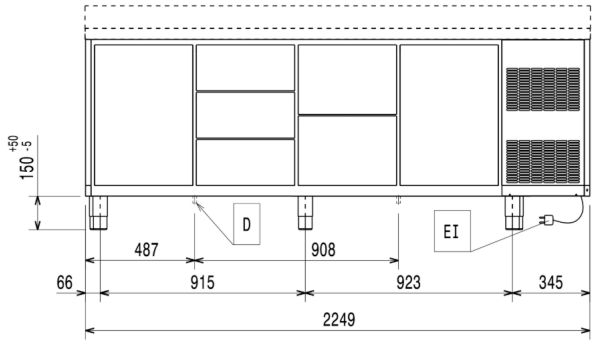
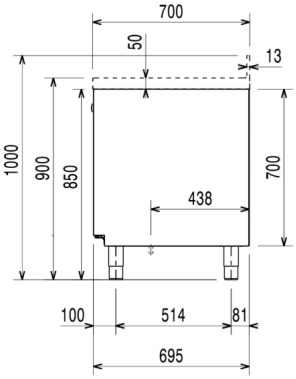
Installation drawings

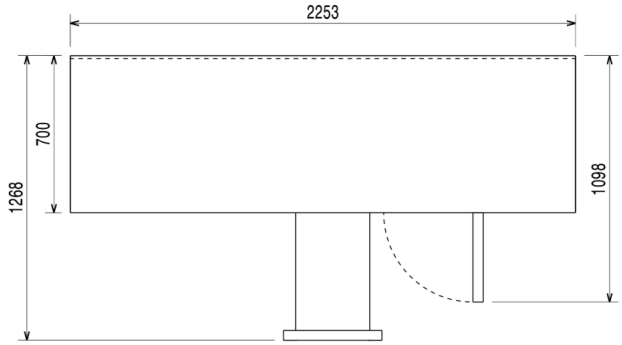
Front



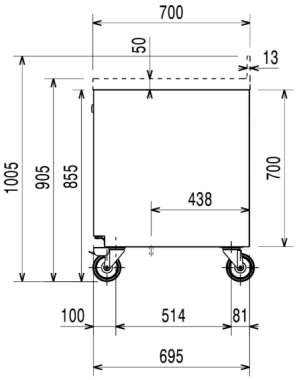
Side



Top



Other



EI = Electrical inlet (power)

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Accessories

Included Accessories

PNC Code	Description	Quantity
881109	Kit 1/1GN gray rilsan grid and 2 side runners for refrigerated counters	4

Optional Accessories

PNC Code	Description
Containers, trays and grids	
881107	1/1GN gray rilsan grid for refrigerated counters
881108	2 side runners for 1/1GN refrigerated counters
881109	Kit 1/1GN gray rilsan grid and 2 side runners for refrigerated counters
881110	1/1GN plastic container, h65mm
881111	1/1GN plastic container, h100mm
881112	1/1GN plastic container, h150mm
Doors and drawers	
881079	2x1/2-drawer kit refrigerated counter
881080	3x1/3-drawer kit refrigerated counter
881081	1/3 and 2/3 bottle drawer kit for refrigerated counters
881244	Lock for refrigerator/freezer counters with 4 compartments - h700mm
Feet, wheels and ramps	
881192	Kit 5 wheels, h100mm (3 with brakes) for 4 compartment refrigerated counters
881194	Kit 5 wheels, h150mm (2 with brakes) for 4 compartment refrigerated counters
Work tops	
881086	Worktop for refrigerated Crio Line HP and freezer Crio Line HP, CP and SB counters - 4 compartments
881090	Worktop and upstand for refrigerated Crio Line HP and freezer Crio Line HP, CP and SB counters - 4 compartments
Other accessories	
881298	IoT module for refrigerated cabinets and counters

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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