

## Digital Undercounter Freezer Counter - 2 Door (R290)

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

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

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

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

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



710401 (EJ2KBAA)

2-door digital Freezer  
Counter, -22-15°C, AISI 304  
(R290)

### Short Form Specification

#### Item No.

AISI 304 stainless steel panels, AISI 430 bottom panel, galvanized back panel. Worktop thickness 50mm. N. 2 full doors. Built-in refrigeration unit. Automatic defrost. Operating temperature: -15-22°C. R290 gas in refrigeration circuit. Supplied with 1 grid for each door compartment

### Main Features

- Anti-tilt runners accept GN 1/1 containers.
- Digital control panel.
- Refrigerated compartment designed to accept GN 1/1 containers.
- Self closing stainless steel doors (< 90°).
- 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.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- 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.
- Hot gas automatic evaporation of defrost water.
- Preservation performances and temperature uniformity within the cell guaranteed at 5-HEAVY DUTY (40°C) working conditions according to EN16825:2016 test protocol.
- 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.
- Frontal and easy access to all components in the cooling unit.
- Certified safety CE requirements.
- Equipped with forced air circulation system for rapid cooling and temperature distribution within the cell.
- Small footprint to fit even in limited environments.
- Digital control panel with temperature display.
- Freezer compartment designed to accept GN1/1 containers.
- Combination of doors and drawers to suit varying needs, with the possibility to change the configuration on site.
- Forced air circulation for rapid cooling and an even temperature distribution.
- Adjustable temperature range from -15°C to -22°C.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Mounted on stainless steel feet to give 150 mm (-5/+50 mm) clearance for ease of cleaning the floor.
- External bottom panel in stainless steel.
- External back panel in galvanized steel.
- Easy serviceability thanks to the intuitive control panel with access via app.
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

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

## 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.
- Internal and external doors, front and side panels and removable worktop in AISI 304 Stainless steel.
- Internal and external doors, front, back and side panels in AISI 304 Stainless steel.
- Worktop in AISI 304 Stainless steel with a 50 mm profile.
- Pre-arranged for drain-pipe.
- Built-in refrigeration unit.
- Anti-drip profile on stainless steel worktop edge.
- 2 compartments with 2 doors.
- If needed, working top can be removed for easier handling during installation (in case of narrow doors).
- 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.
- Excellent space optimisation thanks to the compact dimensions.
- Extractable cooling unit to facilitate maintenance.
- IP21 protection index.
- Built-in compressor to suit operating conditions.
- Access to all components from the front.
- External back panel in galvanized steel.
- Rounded internal corners for ease of cleaning.
- Mounted on Stainless steel adjustable legs to give 150 mm clearance for ease of cleaning.

## 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.
- CFC and HCFC free (highly ecological refrigerant type: R290).
- 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).

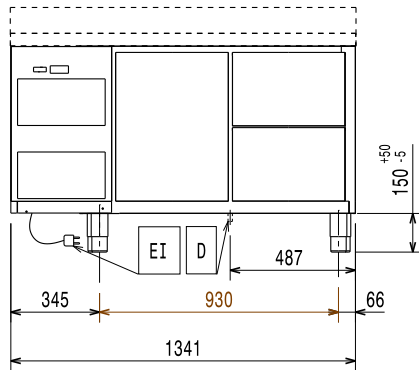
**Included Accessories**

- 2 of Kit 1/1 grey rilsan grid and 2 side runners for refrigerated counters PNC 881109

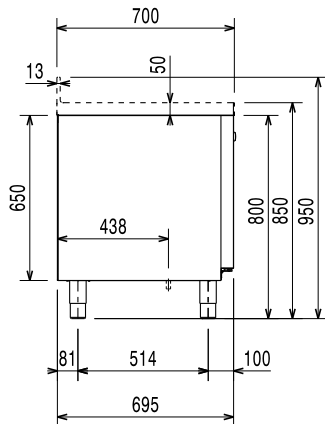
**Optional Accessories**

- 1/1GN grey rilsan grid for refrigerated counters PNC 881107 ☐
- 2 side runners for 1/1 GN ecostore refrigerated counters PNC 881108 ☐
- Kit 1/1 grey rilsan grid and 2 side runners for refrigerated counters PNC 881109 ☐
- 1/1 GN plastic container, H=65 mm PNC 881110 ☐
- 1/1 GN plastic container, H=100 mm PNC 881111 ☐
- 1/1 GN plastic container, H=150 mm PNC 881112 ☐
- 2x½ drawer kit for refrigerated counters - h650mm PNC 881176 ☐
- Kit 4 wheels, H=100 mm (2 with brakes) for refrigerated counters PNC 881191 ☐
- Kit 4 wheels, H=150 mm (2 with brakes) for 2&3 compartment refrigerated counters PNC 881193 ☐
- Lock for refrigerator/freezer counters with 2 compartments - h650mm (can be used in kit for Marine conversion) PNC 881245 ☐
- Kit 4 (45mm) spacers for wheels for refrigerator/freezer counters PNC 881277 ☐

Front

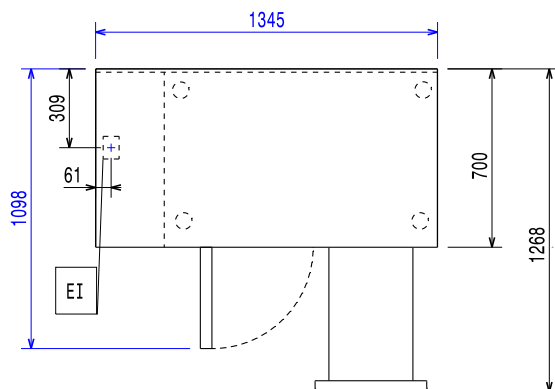


Side



EI = Electrical inlet (power)

Top



## Electric

Supply voltage:

710401 (EJ2KBAA)

220-240 V/1 ph/50 Hz

Electrical power max.:

0.49 kW

## Key Information:

Gross capacity:

Net Volume:

160.4 lt

N° of doors:

Built-in Compressor and Refrigeration Unit

External dimensions, Width:

1345 mm

External dimensions, Depth:

700 mm

External dimensions, Height:

850 mm

Internal Dimensions, Width:

798 mm

Internal Dimensions, Depth:

560 mm

Internal Dimensions, Height:

550 mm

Net weight:

105 kg

Shipping volume:

1.09 m³

Depth with doors open:

1110 mm

## Refrigeration Data

Control type:

Digital

Compressor power:

3/4 hp

Min/Max internal humidity:

-15 °C

Operating temperature min.:

-22 °C

Operating temperature max.:

Ventilated

Operating mode:

Ventilated

## ISO Certificates

ISO Standards:

ISO 9001; ISO 14001; ISO 45001; ISO 50001

## Sustainability

Energy Class (EU Reg. 2015/1094):

C

Yearly and daily energy consumption (EU Reg. 2015/1094):

1600kWh/year - 4kWh/24h

Climate class (EU Reg. 2015/1094):

Heavy Duty (5)

Energy Efficiency Index-EEI (EU Reg. 2015/1094):

48,24

Refrigerant type:

R290

GWP Index:

3

Refrigeration power:

569 W

Refrigerant weight:

140 g

### 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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