

## Digital Undercounter ecostore HP Concept Freezer Counter - 2 Doors without Top (R290)

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

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

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

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

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



710357 (EK2A7AA)

2-door Freezer  
Counter, -22-15°C, AISI 304  
(R290), without work top

### Short Form Specification

#### Item No.

AISI 304 stainless steel panels, AISI 430 bottom panel, galvanized back panel. 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

- Adjustable temperature range from -15 °C to -22 ° C to suit meat, fish and dairy storage requirements.
- 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.
- 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.
- 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°).
- Certified safety CE requirements.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Hot gas automatic evaporation of defrost water.
- Equipped with forced air circulation system for rapid cooling and temperature distribution within the cell.
- Digital control panel with temperature display.
- Forced air circulation for rapid cooling and an even temperature distribution.
- Anti-tilt runners accept GN1/1 trays and grids.
- Adjustable temperature range from -15°C to -20°C to suit all storage requirements.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Digital white-digit display with internal temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- 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.
- Tropicalized unit.

### Construction

- 2 compartments with 2 doors.
- 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.
- Mounted on Stainless steel adjustable legs to give 150 mm clearance for ease of cleaning.
- Developed and produced in ISO 9001 and ISO

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

- 14001 certified factory.
- Rounded internal corners for ease of cleaning.
- Fault code display.
- Excellent space optimisation thanks to the compact dimensions.
- Access to all components from the front.
- Constructed in Stainless steel with Scotch Brite finish to meet the highest hygiene standards.
- 304 AISI stainless steel internal and external doors, front and side panels. Evaporator in aluminium.
- Pre-arranged for drain-pipe.
- Built-in refrigeration unit.
- Extractable cooling unit to facilitate maintenance.
- 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.

- Lock for refrigerator/freezer counters with 2 compartments - h700mm (can be used in kit for Marine conversion)

PNC 881242



## Sustainability



- 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).
- 50 mm insulation thickness for energy saving.
- 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.
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.

## Included Accessories

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

## Optional Accessories

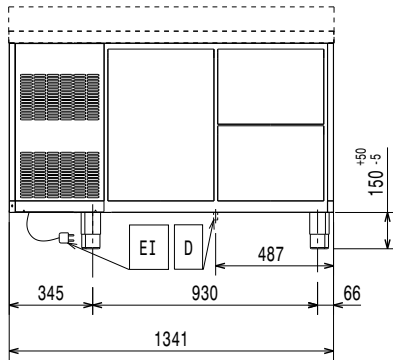
- 2x½ drawer kit for refrigerated counters PNC 881058 ☐
- 3x1/3 drawer kit for refrigerated counters PNC 881059 ☐
- Worktop for ecostore HP refrigerated counters - 2 compartments PNC 881084 ☐
- Worktop and splashback for ecostore HP refrigerated counters - 2 compartments PNC 881087 ☐
- 1/1GN grey rilsan 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 ☐
- 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 ☐



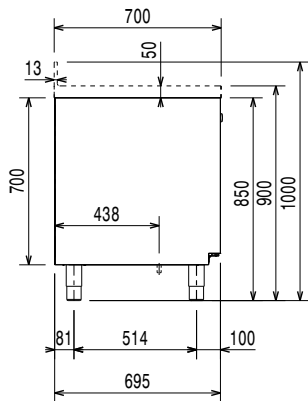
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Front

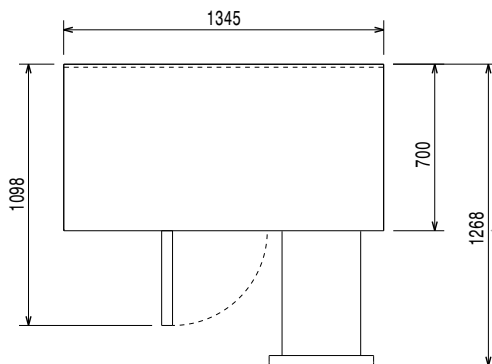


Side



EI = Electrical inlet (power)

Top



### Electric

|                        |                      |
|------------------------|----------------------|
| Supply voltage:        | 220-240 V/1 ph/50 Hz |
| Electrical power, max: | 0.49 kW              |
| Defrost Power:         | 0.57 kW              |
| Plug type:             | CE-SCHUKO            |

### Key Information:

|                              |                     |
|------------------------------|---------------------|
| Net Volume:                  | 177 lt              |
| Door hinges:                 |                     |
| External dimensions, Width:  | 1341 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 m <sup>3</sup> |
| Depth with doors open:       | 1110 mm             |
| Height adjustment:           | 0/0 mm              |
| Gross capacity:              | 290 lt              |

### Refrigeration Data

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Control type:                                   | Digital              |
| Refrigeration power at evaporation temperature: | -30 °C               |
| Min/Max internal humidity:                      |                      |
| Operating temperature min.:                     | -15 °C               |
| Operating temperature max.:                     | -22 °C               |
| Compressor power:                               |                      |
| Operating mode:                                 | Ventilated           |
| Insulation:                                     | 90 mm (Cyclopentane) |

### ISO Certificates

|                |                                           |
|----------------|-------------------------------------------|
| ISO Standards: | ISO 9001; ISO 14001; ISO 45001; ISO 50001 |
|----------------|-------------------------------------------|

### Sustainability

|                                                          |                         |
|----------------------------------------------------------|-------------------------|
| Current consumption:                                     | 3.3 Amps                |
| Refrigerant type:                                        | R290                    |
| GWP Index:                                               | 3                       |
| Refrigeration power:                                     | 569 W                   |
| Refrigerant weight:                                      | 145 g                   |
| Energy Class (EU Reg. 2015/1094):                        | C                       |
| Yearly and daily energy consumption (EU Reg. 2015/1094): | 1564kWh/year - 4kWh/24h |
| Climate class (EU Reg. 2015/1094):                       | Heavy Duty (5)          |
| Energy Efficiency Index-EEI (EU Reg. 2015/1094):         | 45,82                   |



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

2025.09.07



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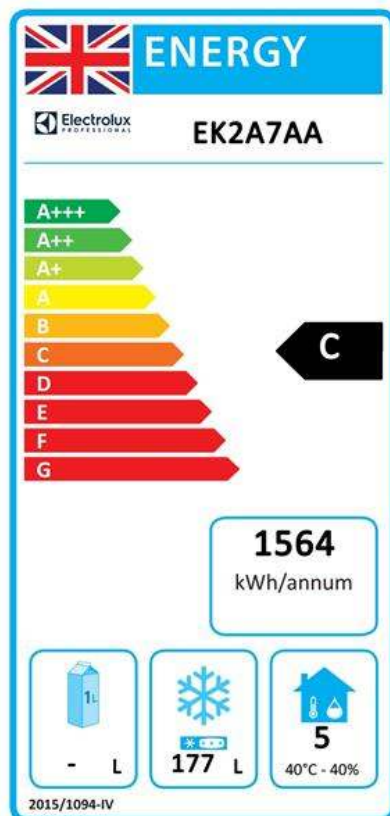
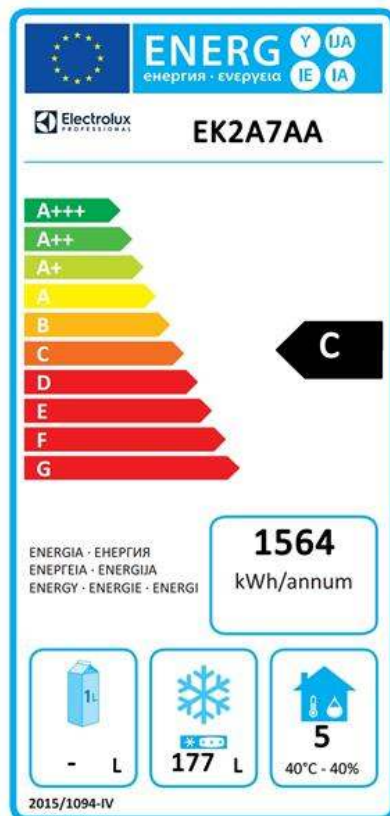
### EU energy labelling from 1st July 2016

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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