

## Digital Undercounter ecostore HP Premium Refrigerated Counter - 590lt, 4-Door, Remote CO2

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

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

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

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

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

**710296 (EH4MRAAAA)**4-door Refrigerated Counter  
590lt, -2+10°C, AISI 304,  
remote, CO2 with valve

### Short Form Specification

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

External and internal in AISI 304 stainless steel, galvanized back panel. Worktop thickness 50mm. Insulation thickness 90mm. N. 4 full doors. For connection to a remote refrigeration unit (not included). Ventilated operating mode. Evaporator. Electronic microprocessor control with external digital temperature display. Automatic defrost. Operating temperature: -2+10°C. Specific for CO2 gas, valve is included.

Supplied with n. 4X1/1GN Rilsan coated grid.

### Main Features

- Certified safety CE requirements.
- Adjustable temperature range from -2 °C to +10 °C to suit meat, fish 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.
- 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.
- 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.
- Tropicalized unit.

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

## Construction

- Interior base with rounded corners, pressed from a single sheet.
- 4 compartments with 4 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.
- Anti-drip profile on stainless steel worktop edge.
- 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.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Fault code display.
- Remote refrigeration unit.
- Mounted on Stainless steel legs to give 150 mm clearance for ease of cleaning the floor.
- Worktop in AISI 304 Stainless steel with a 50 mm profile.

## User Interface & Data Management

- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- 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.
- Electrolux Professional Fridge Control APP make 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
  - Quick operations: set the cabinet temperature/humidity/turbocooling and set date/hour

## Sustainability



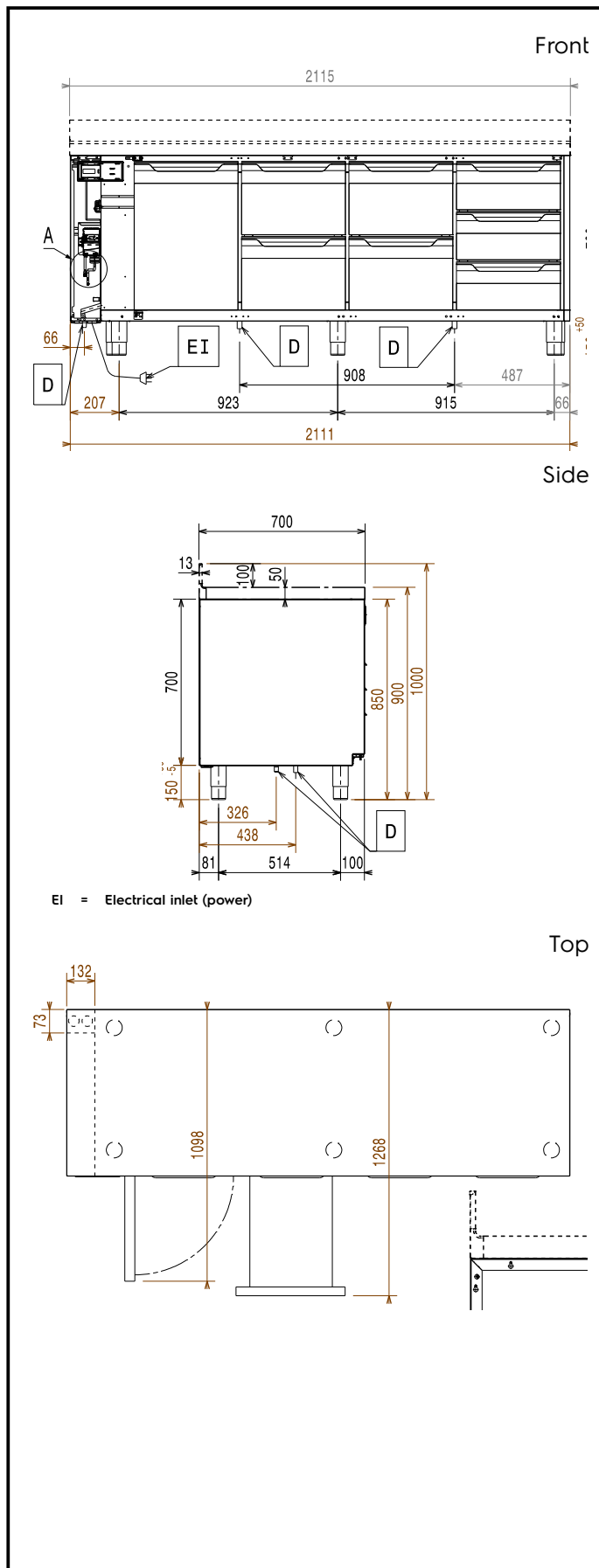
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Fitted with 90 mm thickness of cyclopentane insulation for best insulating performance (thermal conductivity: 0,020 W/m\*K) and lowest environmental impact (GWP=3).
- Frost Watch Control starts automatically the defrosting process only when needed and ends once ice is melted, improving energy efficiency results.
- CO<sub>2</sub> (R744) is the refrigerant choice that's safe for the environment and delivers outstanding performance.  
Eco-Friendly: Zero Ozone Depletion Potential and an ultra-low Global Warming Potential (GWP = 1).  
Safe to Use: Non-toxic and non-flammable for peace of mind.  
Sustainable: A natural refrigerant that supports a greener, cleaner planet.

## Included Accessories

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

## Optional Accessories

- Automatic defrost with waste evaporation PNC 880028 ☐
- 2x½ drawer kit for refrigerated counters PNC 881058 ☐
- 3x1/3 drawer kit for refrigerated counters PNC 881059 ☐
- 1/3 and 2/3 bottle drawer kit for refrigerated counters PNC 881071 ☐
- 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 710 body height for 4-door counters - HP - remote PNC 881148 ☐
- Lock for refrigerator/freezer counters with 4 compartments - h700mm (can be used in kit for Marine conversion) PNC 881244 ☐



## Electric

|                        |                         |
|------------------------|-------------------------|
| Supply voltage:        | 220-240 V/1 ph/50/60 Hz |
| Electrical power, max: | 0.05 kW                 |
| Defrost Power:         | 0.22 kW                 |
| Plug type:             | CE-SCHUKO               |

## Key Information:

|                              |          |
|------------------------------|----------|
| Net Volume:                  | 423 lt   |
| Door hinges:                 |          |
| External dimensions, Width:  | 2115 mm  |
| External dimensions, Depth:  | 700 mm   |
| External dimensions, Height: | 900 mm   |
| Net weight:                  | 131 kg   |
| Shipping volume:             |          |
| Depth with doors open:       | 1110 mm  |
| Height adjustment:           | -5/50 mm |
| Gross capacity:              | 590 lt   |

## Refrigeration Data

|                                        |                      |
|----------------------------------------|----------------------|
| Control type:                          | Digital              |
| Operating temperature min.:            | -2 °C                |
| Operating temperature max.:            | 10 °C                |
| Refrigeration type:                    | R744                 |
| Operating mode:                        | Ventilated           |
| Insulation:                            | 90 mm (Cyclopentane) |
| Suggested refrigeration power:         | 368 W                |
| Condition at evaporation temperature:  | -10 °C               |
| Condition at condensation temperature: | 55 °C                |
| Condition at ambient temperature:      | 43 °C                |
| Connection pipes (remote) - outlet:    | 8 mm                 |
| Connection pipes (remote) - inlet:     | 8 mm                 |

## ISO Certificates

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

## Sustainability

|                      |          |
|----------------------|----------|
| Current consumption: | 0.3 Amps |
|----------------------|----------|