



## Digital Undercounter ecostore HP Premium Freezer Counter - 290lt, 2-Door, Remote CO2



710297 (EH2MRAA)

2-door Freezer Counter  
290lt, -22-15°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. 2 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. Temperature range: -15/-22°C. Specific for CO2 gas, valve is included.

Supplied with n. 2X1/1GN rilsan coated grids.

ITEM #  
MODEL #  
NAME #  
SIS #  
AIA #

### Main Features

- Adjustable temperature range from -15°C to -22°C.
- Certified safety CE requirements.
- 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:



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## Construction

- Interior base with rounded corners, pressed from a single sheet.
- 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.
- 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 ISO14001 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).
- 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).
- 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. Bluetooth technology included allows to keep HACCP historical data and download them through the app.
- Electrolux Professional 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
    - Quick operations: set the cabinet temperature/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.

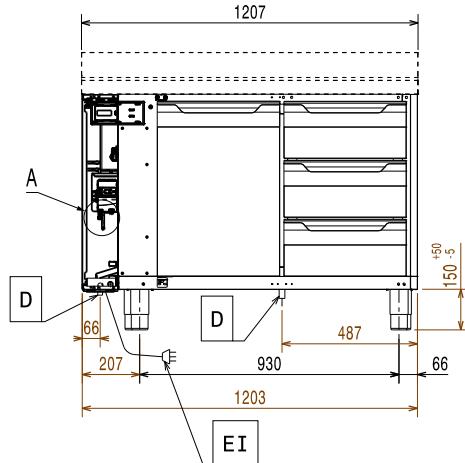
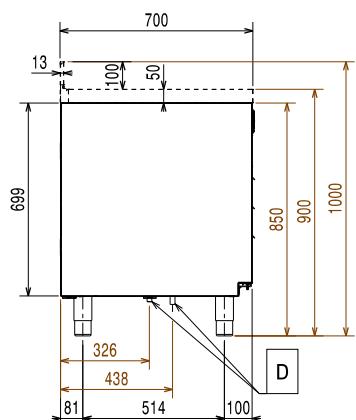
Sustainable: A natural refrigerant that supports a greener, cleaner planet.

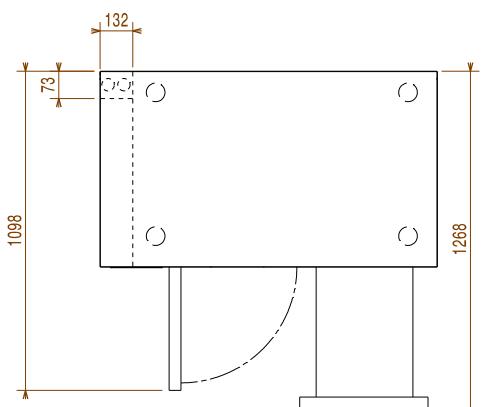
**Included Accessories**

- 2 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
- 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 2-door counters - HP - remote PNC 881146
- Lock for refrigerator/freezer counters with 2 compartments - h700mm (can be used in kit for Marine conversion) PNC 881242
- IoT module for refrigerated cabinets and counters PNC 881298


**Front**

**Side**
**EI** = Electrical inlet (power)

**Top**

**Electric**

<b>Supply voltage:</b>	220-240 V/1 ph/50/60 Hz
<b>Electrical power, max:</b>	0.07 kW
<b>Defrost Power:</b>	0.63 kW
<b>Plug type:</b>	CE-SCHUKO

**Key Information:**

<b>Net Volume:</b>	198 lt
<b>Door hinges:</b>	
<b>External dimensions, Width:</b>	1207 mm
<b>External dimensions, Depth:</b>	700 mm
<b>External dimensions, Height:</b>	900 mm
<b>Net weight:</b>	88 kg
<b>Shipping volume:</b>	0.99 m <sup>3</sup>
<b>Depth with doors open:</b>	1110 mm
<b>Height adjustment:</b>	-5/50 mm
<b>Gross capacity:</b>	290 lt

**Refrigeration Data**

<b>Control type:</b>	Digital
<b>Operating temperature min.:</b>	-15 °C
<b>Operating temperature max.:</b>	-22 °C
<b>Refrigeration type:</b>	R744
<b>Operating mode:</b>	Ventilated
<b>Insulation:</b>	90 mm (Cyclopentane)
<b>Suggested refrigeration power:</b>	654 W
<b>Condition at evaporation temperature:</b>	-30 °C
<b>Condition at condensation temperature:</b>	55 °C
<b>Condition at ambient temperature:</b>	43 °C
<b>Connection pipes (remote) - outlet:</b>	8 mm
<b>Connection pipes (remote) - inlet:</b>	8 mm

**ISO Certificates**

<b>ISO Standards:</b>	ISO 9001; ISO 14001; ISO 45001; ISO 50001
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**Sustainability**

<b>Current consumption:</b>	0.4 Amps
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