

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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- 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.
- Omm 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.
- 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°).
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- 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/
- Quick operations: set the cabinet temperature, humidity/turbocooling and set date/hour
- Tropicalized unit.

APPROVAL:





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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.

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.
- CO₂ (R744) is the refrigerant choice that's safe for the environment and delivers outstanding performance.
 Eco-Friendly: Zero Ozone Depletion Potential and an ultralow 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

Optional Accessories

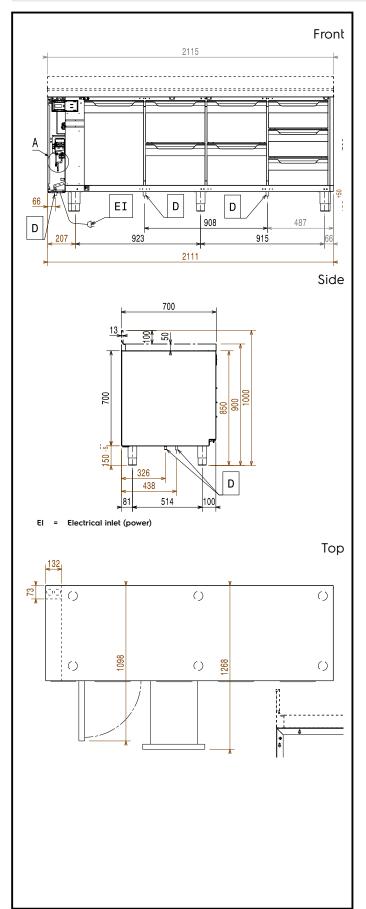
Optional Accessories		
 Automatic defrost with waste evaporation 	PNC 880028	
• 2x½ drawer kit for refrigerated counters	PNC 881058	
 3x1/3 drawer kit for refrigerated counters 	PNC 881059	
 1/3 and 2/3 bottle drawer kit for refrigerated counters 	PNC 881071	
 1/1GN grey rilsan grid for refrigerated 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 	PNC 881244	

with 4 compartments - h700mm (can be used in kit for Marine conversion)





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Electric

Supply voltage:

710296 (EH4MRAAAA) 220-240 V/1 ph/50/60 Hz

Electrical power max.: 0.045 kW

Defrost Power: 0.22 kW

Plug type: CE-SCHUKO

Key Information:

Gross capacity: 590 lt Net Volume: 423 lt Door hinges: 1 Left+3 Right 2115 mm External dimensions, Width: 700 mm External dimensions, Depth: 900 mm External dimensions, Height: Net weight: 131 kg 1.87 m³ Shipping volume: Depth with doors open: 1110 mm Height adjustment: -5/50 mm

Refrigeration Data

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

ISO Certificates

inlet:

Connection pipes (remote) -

ISO 9001; ISO 14001; ISO 45001; ISO 50001

8 mm

Sustainability

Current consumption: 0.3 Amps

