Electrolux PROFESSIONAL

Digital Undercounter ecostore HP Premium Freezer Counter - 440lt, 3-Door, Remote CO2

ITEM #

MODEL #

NAME #

SIS #

AIA #

710298 (EH3MRAAA) 3-door Freezer Counter 440lt, -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. 3 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. 3X1/1GN Rilsan coated grids.

APPROVAL:

Main Features

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

Construction

- Interior base with rounded corners, pressed from a single sheet.
- Worktop in AISI 304 Stainless steel with a 50 mm profile.
- 3 compartments with 3 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.

User Interface & Data Management

- 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

- 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).
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Frost Watch Control starts automatically the defrosting process only when needed and ends once ice is melted, improving energy efficiency results.
- CO_2 (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.

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

Included Accessories

• 3 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 3-door counters - HP - remote	PNC 881147	❑
• Lock for refrigerator/freezer counters with 3 compartments - h700mm (can be used in kit for Marine conversion)	PNC 881243	❑
• IoT module for refrigerated cabinets and counters	PNC 881298	❑

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Front

Side

EI = Electrical inlet (power)

Top

Electric

Supply voltage:	220-240 V/1 ph/50/60 Hz
Electrical power, max:	0.08 kW
Defrost Power:	0.63 kW
Plug type:	CE-SCHUKO

Key Information:

Net Volume:	310 lt
Door hinges:	
External dimensions, Width:	1661 mm
External dimensions, Depth:	700 mm
External dimensions, Height:	900 mm
Net weight:	113 kg
Shipping volume:	1.33 m³
Depth with doors open:	1110 mm
Height adjustment:	-5/50 mm
Gross capacity:	440 lt

Refrigeration Data

Control type:	Digital
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Refrigeration type:	R744
Operating mode:	Ventilated
Insulation:	90 mm (Cyclopentane)
Suggested refrigeration power:	654 W
Condition at evaporation temperature:	-30 °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:	0.4 Amps

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