Digital Undercounter

ecostore HP Premium Refrigerated Counter - 590lt, 3-Door, 3x1/3 Drawers

710071 (EH4HBAAAC)

3-door and 3x⅓ drawer Refrigerated Counter 590lt, -2+10°C, AISI 304

Main Features

- Adjustable temperature range from -2 °C to +10 °C to suit meat, fish and dairy storage requirements.
- Anti-tilt runners accept GN 1/1 containers.
- Self closing stainless steel doors (< 90°).
- 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.
- Preservation performances and temperature uniformity within the cell guaranteed at 5-HEAVY DUTY (40°C) working conditions according to EN16825:2016 test protocol.
- Equipped with Optiflow forced air circulation system for rapid cooling and temperature distribution within the cell.
- 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 removable cooling unit to facilitate maintenance.
- Frontal and easy access to all components in the cooling unit.
- Certified safety CE requirements.
- Tropicalized unit.

Construction

- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Fault code display.
- Interior base with rounded corners, pressed from a single sheet.
- Internal and external doors, front and side panels and removable worktop in AISI 304 Stainless steel.
- Worktop in AISI 304 Stainless steel with a 50 mm profile.
- Mounted on Stainless steel legs to give 150 mm clearance for ease of cleaning the floor.
- Built-in refrigeration unit.
- Anti-drip profile on stainless steel worktop edge.
- If needed, working top can be removed for easier handling during installation (in case of narrow doors).
- External bottom panel in stainless steel.
- External back panel in galvanized steel.
- 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.

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

- Internal dimension of the drawers: - models with 2 1/2 drawers: 1st drawer (top drawer) 203x302x521 / 2nd drawer 223x302x521 (HxWxD) - models with 3 1/3 drawers: 1st drawer (top drawer) 98x302x521 / 2nd and 3rd drawers 118x302x521 (HxWxD) - models with 1/3+2/3 drawers: 1st drawer (top drawer) 98x302x521 / 2nd drawer 333x302x521 (HxWxD)

User Interface & Data Management

- 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 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/humidity/turbocooling and set date/hour
- 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).
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Connect the product (with accessory) to the OneConnected Platform via Wi Fi or ethernet connection for a seamless remote experience. Real-time monitoring and analytics, alarm management, HACCP data management, APIs, and advanced features keep your fridge fully under control.

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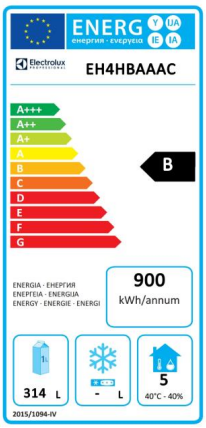
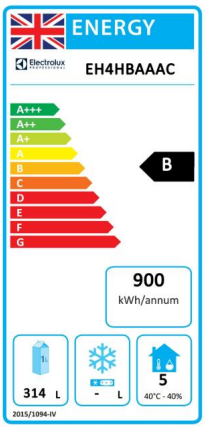
A focus on sustainability

Sustainability

- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- 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.
- Frost Watch Control starts automatically the defrosting process only when needed and ends once ice is melted, improving energy efficiency results.
- 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).
- Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3) - CFC and HCFC free.
- Hot gas automatic evaporation of defrost water.





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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Certifications & Recognitions

International system for mutual acceptance of test reports and certificates concerning the safety of electrical and electronic components, equipment, and products.

Product assessed by the manufacturer and deemed to meet EU safety, health, and environmental protection requirements.

Technical specifications

Electric	
Supply voltage:	220-240 V/1 ph/50 Hz
Defrost Power:	0.22 kW
Plug type:	CE-SCHUKO
Compressor power:	1/4 hp
Key Information:	
Net Volume:	314 lt
External dimensions, Width:	2253 mm
External dimensions, Depth:	700 mm
External dimensions, Height:	900 mm
Internal Dimensions, Width:	1706 mm
Internal Dimensions, Depth:	560 mm
Internal Dimensions, Height:	550 mm
Net weight:	172 kg
Shipping volume:	1.88 m^3
Depth with doors open:	1110 mm
Height adjustment:	-5/50 mm
Gross capacity:	590 liter
Refrigeration Data	
Control type:	Digital
Refrigeration power at evaporation temperature:	-10 °C
Min/Max internal humidity:	40/85
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated
Insulation:	90 mm (Cyclopentane)
Sustainability	
Refrigerant type:	R290
Refrigeration power:	320 W
Refrigerant weight:	70 g
Energy Class (EU Reg. 2015/1094):	B
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	34,72
ISO Certificates	
ISO Standards:	ISO 9001; ISO 14001; ISO 45001; ISO 50001
Type reference/certification group:	H7NTN4BHC

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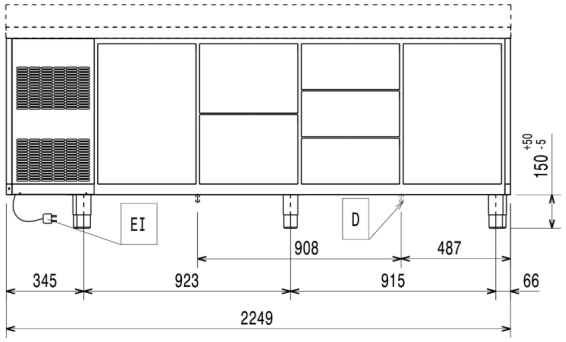
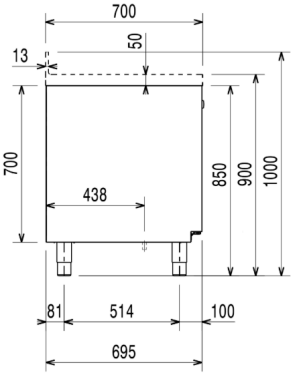
Installation drawings

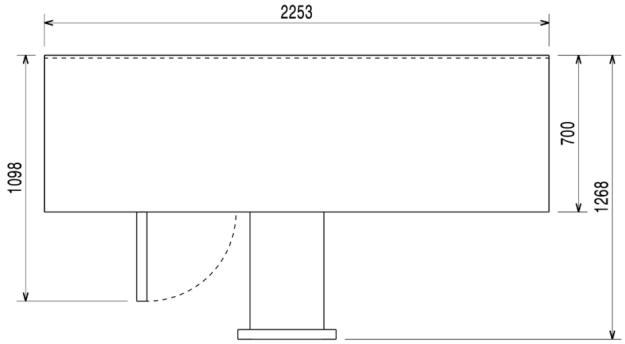
Front



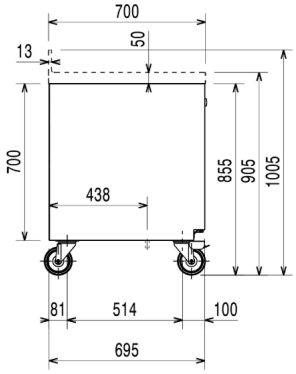
Side



Top



Distances



EI = Electrical inlet (power)

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Accessories

Included Accessories

PNC Code	Description	Quantity
881109	Kit 1/1 grey rilsan grid and 2 side runners for refrigerated counters	3

Optional Accessories

PNC Code	Description
Containers, trays and grids	
881107	1/1GN grey rilsan grid for refrigerated counters
881108	2 side runners for 1/1 GN ecostore refrigerated counters
881109	Kit 1/1 grey rilsan grid and 2 side runners for refrigerated counters
881110	1/1 GN plastic container, H=65 mm
881111	1/1 GN plastic container, H=100 mm
881112	1/1 GN plastic container, H=150 mm
Doors and drawers	
881058	2x½ drawer kit for refrigerated counters
881059	3x1/3 drawer kit for refrigerated counters
881071	1/3 and 2/3 bottle drawer kit for refrigerated counters
881244	Lock for refrigerator/freezer counters with 4 compartments - h700mm (can be used in kit for Marine conversion)
Feet, wheels and ramps	
881192	Kit 5 wheels, H=100 mm (3 with brakes) for 4 compartment refrigerated counters
881194	Kit 5 wheels, H=150 mm (2 with brakes) for 4 compartment refrigerated counters
Other accessories	
881298	IoT module for refrigerated cabinets and counters

Recommended Detergents

PNC Code	Description
0S2881	S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T
0S2883	S03 ALCOHOL BASE DETERGENT; 6 BOTTLES X 750ML; ADR&IMDG&IATA Limited Quantity
0S2884	S04 Glasses & Hard Surfaces Cleaner, 6 x 750ml bottles
0S3257	S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity

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