Digital Undercounter

# ecostore HP Premium Refrigerated Counter - 290lt, 4-Drawer, No Top

**710017 (EH2H7BB)**

4-drawer Refrigerated Counter 290lt, -2+10°C, AISI 304, without WorkTop

## 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.
- Built-in refrigeration unit.
- Mounted on stainless steel feet to give 150 mm (-5/+50 mm) clearance for ease of cleaning the floor.
- 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.
- 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)



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

## 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.
- 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.
- 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
- 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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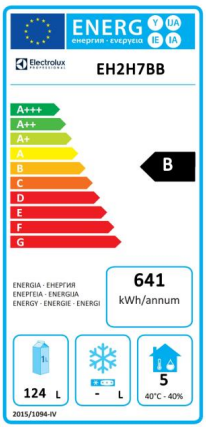
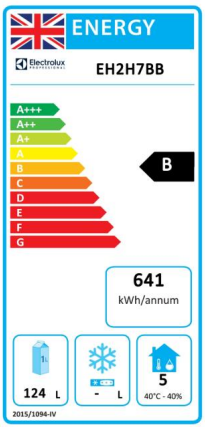
# A focus on sustainability

## 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:** | 124 lt |
| **External dimensions, Width:** | 1341 mm |
| **External dimensions, Depth:** | 700 mm |
| **External dimensions, Height:** | 850 mm |
| **Internal Dimensions, Width:** | 798 mm |
| **Internal Dimensions, Depth:** | 560 mm |
| **Internal Dimensions, Height:** | 550 mm |
| **Net weight:** | 105 kg |
| **Shipping volume:** | 1.3 $m^3$ |
| **Depth with doors open:** | 1110 mm |
| **Height adjustment:** | -5/50 mm |
| **Gross capacity:** | 290 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):** | 30,43 |

**ISO Certificates**

| | |
|---|---|
| **ISO Standards:** | ISO 9001; ISO 14001; ISO 45001; ISO 50001 |
| **Type reference/certification group:** | H7NTN2BHC |



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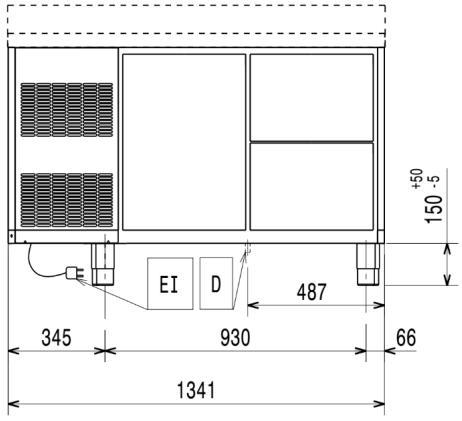
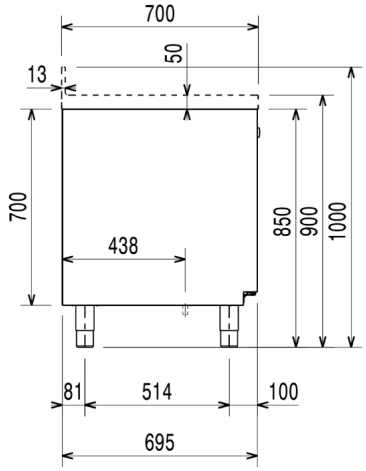
# Installation drawings

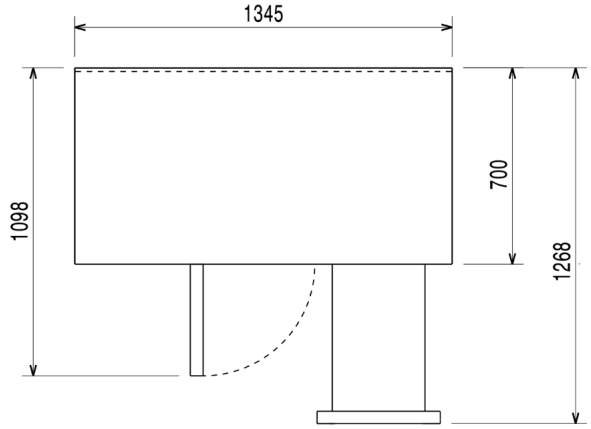
Front



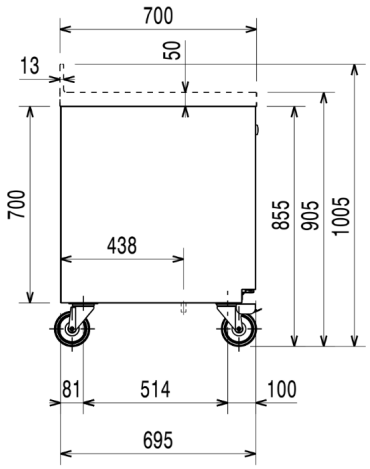

Side




Top




Other




EI = Electrical inlet (power)

# Accessories

## Optional Accessories

| PNC Code | Description |
|---|---|
| **Containers, trays and grids** | |
| 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 |
| 881242 | Lock for refrigerator/freezer counters with 2 compartments - h700mm (can be used in kit for Marine conversion) |
| **Feet, wheels and ramps** | |
| 881191 | Kit 4 wheels, H=100 mm (2 with brakes) for refrigerated counters |
| 881193 | Kit 4 wheels, H=150 mm (2 with brakes) for 2&3 compartment refrigerated counters |
| **Work tops** | |
| 881084 | Worktop for ecostore HP refrigerated counters - 2 compartments |
| 881087 | Worktop and splashback for ecostore HP refrigerated counters - 2 compartments |
| **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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