

Digital Undercounter ecostore HP Concept Refrigerated Counter - 4 Door (R290)

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____


710476 (EK4HBAAA)

 4-door Refrigerated
 Counter, -2+10°C, AISI 304
 (R290)

Short Form Specification

Item No. _____

AISI 304 stainless steel panels, AISI 430 bottom panel, galvanized back panel. Worktop thickness 50mm. N. 4 full doors. Built-in refrigeration unit. Operating temperature: -2+10°C. R290 gas in refrigeration circuit. Supplied with 1 grid for each door compartment

Main Features

- Adjustable temperature range from -2 °C to +10 °C to suit meat, fish and dairy storage requirements.
- Refrigerated compartment designed to accept GN 1/1 containers.
- Combination of doors and drawers to suit varying needs, with the possibility to change the configuration on site.
- Digital control panel.
- Forced air circulation for rapid cooling and an even temperature distribution.
- Anti-tilt runners accept GN 1/1 containers.
- Self closing stainless steel doors (< 90°).
- 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.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- 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.
- Hot gas automatic evaporation of defrost water.
- 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.
- Frontal and easy access to all components in the cooling unit.
- Certified safety CE requirements.
- Equipped with forced air circulation system for rapid cooling and temperature distribution within the cell.
- 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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Easy serviceability thanks to the intuitive control panel with access via app.
- Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Construction

- Pre-arranged for drain-pipe.
- Built-in compressor to suit operating conditions.
- Constructed from AISI 304 Stainless steel throughout to meet the highest hygiene standards.
- Rounded internal corners for ease of cleaning.
- Mounted on Stainless steel adjustable legs to give 150 mm clearance for ease of cleaning.
- Access to all components from the front.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.

APPROVAL: _____

- 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.
- Built-in refrigeration unit.
- Anti-drip profile on stainless steel worktop edge.
- 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.
- Excellent space optimisation thanks to the compact dimensions.
- Extractable cooling unit to facilitate maintenance.

Sustainability



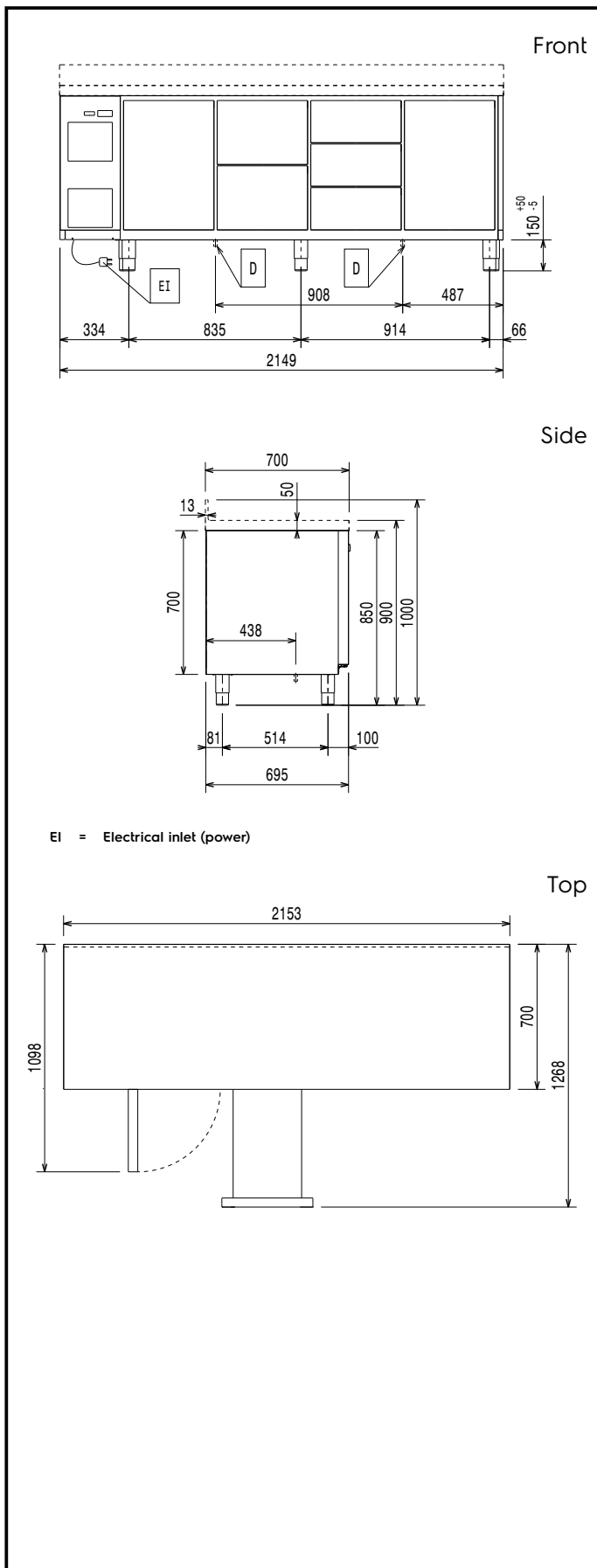
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.
- Top energy efficiency (class A) and granted uniformity even at extreme working conditions (class 5; 40°C and 40% humidity): unbeatable performance, certified by energy test protocol EN16825:2016.
- 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).

Included Accessories

- 4 of Kit 1/1 grey rilsan grid and 2 side runners for refrigerated counters PNC 881109

Optional Accessories

- 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 5 wheels, H=100 mm (3 with brakes) for 4 compartment refrigerated counters PNC 881192
- Kit 5 wheels, H=150 mm (2 with brakes) for 4 compartment refrigerated counters PNC 881194
- Lock for refrigerator/freezer counters with 4 compartments - h700mm (can be used in kit for Marine conversion) PNC 881244



Electric

Supply voltage:	710476 (EK4HBAAAA)	220-240 V/1 ph/50 Hz
Electrical power max.:		0.27 kW
Defrost Power:		0.2 kW
Plug type:		CE-SCHUKO

Key Information:

Gross capacity:	590 lt
Net Volume:	361.6 lt
External dimensions, Width:	2153 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:	146 kg
Shipping volume:	1.79 m ³
Depth with doors open:	1110 mm
Height adjustment:	0/0 mm

Refrigeration Data

Control type:	Digital
Compressor power:	0.25 hp
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

ISO Certificates

ISO Standards:	ISO 9001; ISO 14001; ISO 45001; ISO 50001
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Sustainability

Current consumption:	2 Amps
Energy Class (EU Reg. 2015/1094):	B
Yearly and daily energy consumption (EU Reg. 2015/1094):	916kWh/year - 3kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	33,75
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	358 W
Refrigerant weight:	65 g

