

Digital Undercounter Refrigerated Counter - 2 Door (R290)

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____


710454 (EK2HBAA)

2-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. 2 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

- Anti-tilt runners 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.
- Refrigerated compartment designed to 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.
- 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.
- 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.
- Small footprint to fit even in limited environments.
- Adjustable temperature range from -2 °C to +10 °C to suit meat, fish and dairy storage requirements.
- Digital white-digit display with internal temperature display and setting, manual activation of defrost cycle and turbo frost cycle (to rapidly cool warm loads).
- Tropicalized unit.

Construction

- Access to all components from the front.
- Built-in compressor to suit operating conditions.
- 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.
- Mounted on Stainless steel adjustable legs to give 150 mm clearance for ease of cleaning.
- Rounded internal corners for ease of cleaning.
- Worktop in AISI 304 Stainless steel with a 50 mm profile.
- Pre-arranged for drain-pipe.
- Built-in refrigeration unit.

APPROVAL: _____

- Anti-drip profile on stainless steel worktop edge.
- 2 compartments with 2 doors.
- 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.
- Mounted on stainless steel feet to give 150 mm (-5/+50 mm) clearance for ease of cleaning the floor.
- 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.
- IP21 protection index.

Sustainability



- Hot gas automatic evaporation of defrost water.
- 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).
- Removable triple-chamber balloon magnetic gasket to improve insulation and reduce energy consumption and ease of cleaning.

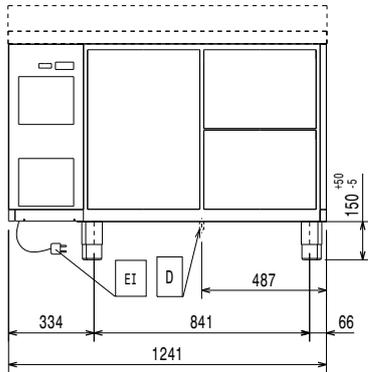
Included Accessories

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

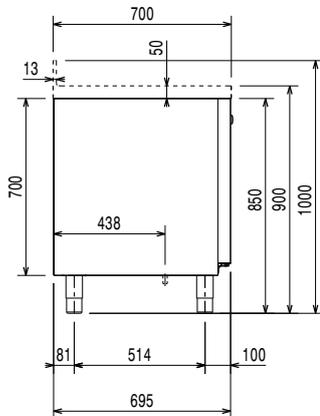
Optional Accessories

- 2x1/2 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 4 wheels, H=100 mm (2 with brakes) for refrigerated counters PNC 881191
- Kit 4 wheels, H=150 mm (2 with brakes) for 2&3 compartment refrigerated counters PNC 881193
- Lock for refrigerator/freezer counters with 2 compartments - h700mm (can be used in kit for Marine conversion) PNC 881242
- IoT module for refrigerated cabinets and counters PNC 881298

Front

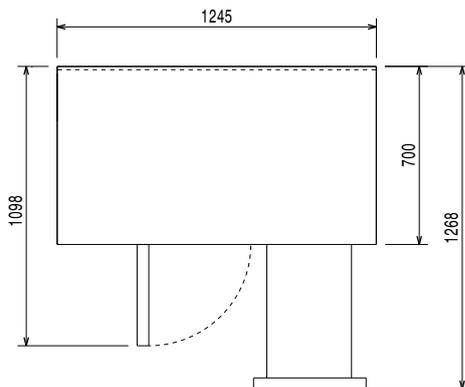


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	220-240 V/1 ph/50 Hz
Electrical power, max:	0.22 kW

Key Information:

Built-in Compressor and Refrigeration Unit

Net Volume:	180.8 lt
N° of doors:	
External dimensions, Width:	1245 mm
External dimensions, Depth:	700 mm
External dimensions, Height:	900 mm
Internal Dimensions, Width:	798 mm
Internal Dimensions, Depth:	560 mm
Internal Dimensions, Height:	550 mm
Net weight:	100 kg
Shipping volume:	1.14 m ³
Depth with doors open:	1110 mm
Gross capacity:	290 lt

Refrigeration Data

Control type:	Digital
Min/Max internal humidity:	40/85
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Compressor power:	0.25 hp
Operating mode:	Ventilated
Insulation:	90 mm (Cyclopentane)

ISO Certificates

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

Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	358 W
Refrigerant weight (unit 1):	45 g
Energy Class (EU Reg. 2015/1094):	A
Yearly and daily energy consumption (EU Reg. 2015/1094):	482kWh/year - 1.32kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	21,40

