ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____

NPT Active HP Premium Freezer Counter - 290lt, 2-Door

111067 (ZH2KBAA)   2-door freezer counter 290lt, -22-15°C

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. Automatic defrost. Operating temperature: -15-22° C. R290 gas in refrigeration circuit. Supplied with 1 grid for each door compartment

Main Features

- Preservation performances and temperature uniformity within the cell guaranteed at 5-HEAVY DUTY (40°C) working conditions according to EN16825:2016 test protocol.
- 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).
- Adjustable temperature range from -15°C to -22°C.
- Equipped with forced air circulation system for rapid cooling and temperature distribution within the cell.
- Tropicalized unit (43°C ambient temperature).
- 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).
- 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.
- ACTIVE DEFROST - fully automatic defrost starts only when ice is actually building-up in the evaporator and adapts the defrosting duration to guarantee perfect ice removal while optimizing energy efficiency consumption.
- 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.
- 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.
- Anti-tilt runners accept GN 1/1 containers.
- Self closing stainless steel doors (< 90°).
- Certified safety CE requirements.
- Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.
- Hot gas automatic evaporation of defrost water.
- Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3) - CFC and HCFC free.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).

APPROVAL: _____

Construction

- Worktop in AISI 304 Stainless steel with a 50 mm profile.
- 2 compartments with 2 doors.
- If needed, working top can be removed for easier handling during installation (in case of narrow doors).
- Anti-drip profile on stainless steel worktop edge.
- Interior base with rounded corners, pressed from a single sheet.
- 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 and external doors, front and side panels and removable worktop in AISI 304 Stainless steel.
- 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.
- Built-in refrigeration unit.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Fault code display.

Included Accessories

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

Optional Accessories

- Ethernet connector for Refrigerators (CAREL-IR33)   PNC 880252   ❑
- 1/1GN grey rilsan grid for refrigerated counters   PNC 881107   ❑
- 2 side runners for 1/1 GN 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   PNC 881242   ❑
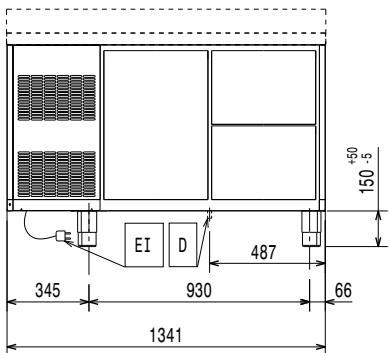
Front
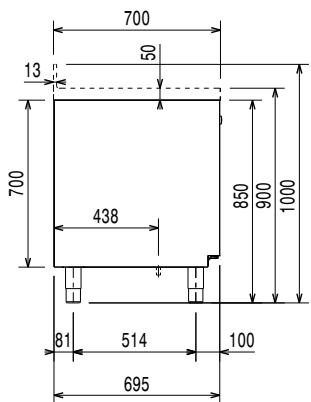
Side

EI = Electrical inlet (power)

Top
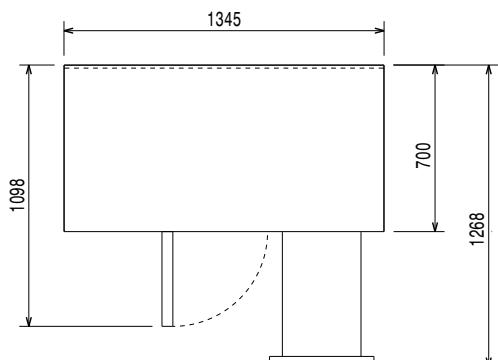
Electric

Supply voltage:	
111067 (ZH2KBAA)	220-240 V/1 ph/50 Hz
Electrical power max.:	0.49 kW
Defrost Power:	0.57 kW
Plug type:	CE-SCHUKO

Key Information:

Gross capacity:	290 lt
Net Volume:	198 lt
Door hinges:	1 Left+1 Right
External dimensions, Width:	1345 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:	105 kg
Shipping volume:	1.13 m³
Depth with doors open:	1110 mm
Height adjustment:	-5/50 mm

Refrigeration Data

Control type:	Digital
Compressor power:	3/4 hp
Refrigeration power at evaporation temperature:	-30 °C
Min/Max internal humidity:	
Operating temperature min.:	-15 °C
Operating temperature max.:	-22 °C
Operating mode:	Ventilated

Sustainability

Current consumption:	3.3 Amps
Energy Class (EU Reg. 2015/1094):	C
Yearly and daily energy consumption (EU Reg. 2015/1094):	1564kWh/year - 4kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	44,23
Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	569 W
Refrigerant weight:	145 g

2023.05.15
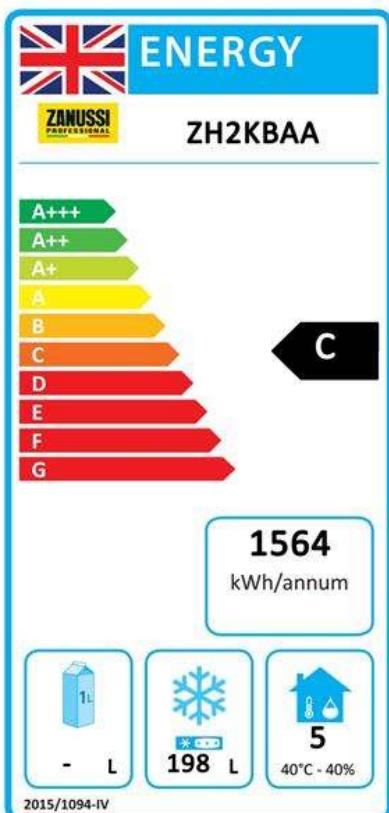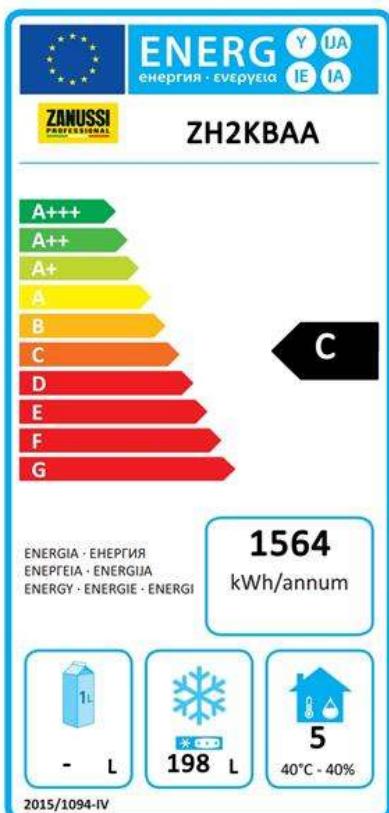
EU energy labelling from 1st July 2016

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.

<u>Important</u>: all products which consume energy above the minimum level will not be able to be sold within the EU from 1 July 2016.

ENERG Y IJA / IE IA

ZANUSSI PROFESSIONAL

ZH2KBAA

- A+++
- A++
- A+
- A
- B
- C
- D
- E
- F
- G

C

ENERGIA · ЕНЕРГИЯ
ENEPΓEIA · ENERGIJA
ENERGY · ENERGIE · ENERGI

1564 kWh/annum

1L — L | 198 L | 5 40°C - 40%

2015/1094-IV

ENERGY

ZANUSSI PROFESSIONAL

ZH2KBAA

- A+++
- A++
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2015/1094-IV