ITEM #

MODEL #

NAME #

SIS #

AIA #

NAU Maxi
4 Half Door Digital Refrigerator, 1430lt (-2 +10)-R290

110957 (ZX144HR)	4-half door refrigerator 1430lt, -2+10°C, digital, AISI 304, R290

Short Form Specification

Item No.

Four half door refrigerator with internal and external structure in 304 AISI stainless steel; external back and bottom panels in anti-corrosive material. Digital control with cabinet temperature display and setting and manual activation of defrost cycle. Fully compliant HACCP digital controls include visible alarms. Optimized back to front forced air flow provides even temperature distribution and fast cooling in any conditions. Fitted with 75 mm-thick cyclopentane insulating foam. Door features lock and door microswitch to switch off the fan when the door is opened. Hidden evaporator to guarantee higher storage capacity and less corrosion problems. Built-in refrigeration unit; ventilated operation; automatic defrost and evaporation of defrost water. Operating temperature: -2/+10 °C. CFC and HCFC free. R290 gas in refrigeration circuit. Integrated RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- Cabinet fitted with up to 75 mm thickness of cyclopentane insulation for best insulating performance with 100% environmental protection (thermal conductivity: 0,020 W/m*K).
- Hidden evaporator thus guaranteeing higher storage capacity and less corrosion problems.
- Internal structure with numerous charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- Optimized back to front forced air flow provide even temperature distribution and fast cooling in any conditions.
- Tropicalized unit.
- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Automatic defrost.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- Right hinged full door.

Construction

- Easy access to the main components for maintenance.
- Constructed from the highest quality AISI 304 Stainless steel.
- Stainless steel runners and supports easily disassembled.
- Anti-corrosion bottom material avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Doors are self-closing and can be fully opened up to 180°.
- Mounted on wheels.
- Lockable door.
- The rounded internal corners, the easily removable runners and grids allow for ease of cleaning and high hygiene standards.

Sustainability

- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- Door switch stops the fan when door is opened to avoid cold air exiting the cell, thus saving energy.
- 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.
- Cleaning-free condenser: the structure of the wire frame condenser prevents dust and grease accumulation thus avoiding periodical cleaning operations and reducing energy consumption.

APPROVAL:

Included Accessories

- 6 of 2/1GN grey rilsan grid with 2 runners PNC 881020

Optional Accessories

- 2 stainless steel runners for refrigerated cabinets (Marine) PNC 880242 ❑
- Set of 8 GN1/1 PVC containers for fish PNC 880243 ❑
- Spacer for 670 lt and 1430 lt refrigerated cabinets PNC 880248 ❑
- Kit of 6 swivelling wheels, 2 with brake, diam 50 mm PNC 880340 ❑
- Ethernet connectivity kit IJF for Refrigeration PNC 880685 ❑
- 1/1GN plastic container with false bottom PNC 880705 ❑
- 2/1GN grey rilsan grid PNC 881004 ❑
- 2/1GN aisi 304 stainless steel grid PNC 881016 ❑
- 2/1GN 304 AISI stainless steel grid with 2 runners PNC 881018 ❑
- Meat rail for 670/1430lt refrigerators with 4 hooks PNC 881019 ❑
- 2/1GN grey rilsan grid with 2 runners PNC 881020 ❑
- Pedal opening for 1430lt refrigerator PNC 881033 ❑
- 2/1GN pvc container with lid and 2 runners PNC 881039 ❑
- 2/1GN perforated shelf PNC 881042 ❑
- 1/1GN rilsan steel wire basket h=150mm PNC 881043 ❑
- 3 grey rilsan central grids for 1430lt (not for glass door) PNC 881044 ❑
- 2/1GN grey rilsan basket+2 runners h=150mm PNC 881047 ❑
- 5 swivelling wheels (2 with brake), diam 125mm, for 1430 lt refrigerators, NOT for remote models PNC 881294 ❑
- IoT module for refrigerated cabinets and counters PNC 881298 ❑
- POE switch PNC 922432 ❑

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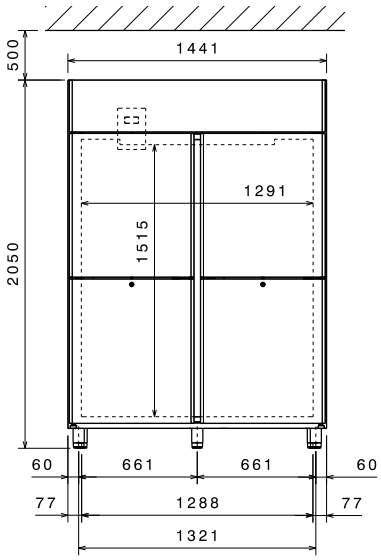
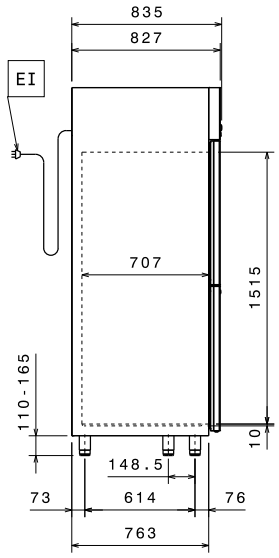
Front

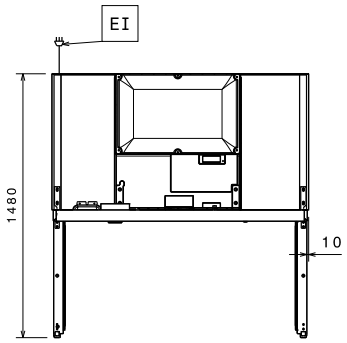


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	220-240 V/1 ph/50 Hz
Electrical power, max:	0.3 kW

Capacity:

Number and type of grids (included):	6 - GN 2/1

Key Information:

Net Volume:	1135 lt
Capacity:	1430 lt / Bottle .75L Bordeaux
Door hinges:	
External dimensions, Width:	1441 mm
External dimensions, Depth:	835 mm
External dimensions, Depth with Doors Open:	1480 mm
External dimensions, Height:	2050 mm
Number and type of doors:	4x1/2 Full
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	0; 0 mm
Gross capacity:	1430 lt
Type of model (EU Regulation. 2015/1094):	vertical chilled

Refrigeration Data

Control type:	Digital
Refrigeration power at evaporation temperature:	-10 °C
Operating temperature min.:	-2 °C
Operating temperature max.:	10 °C
Operating mode:	Ventilated

Sustainability

Refrigerant type:	R290
GWP Index:	3
Refrigeration power:	398 W
Refrigerant weight (unit 1):	120 g
Energy Class (EU Reg. 2015/1094):	D
Yearly and daily energy consumption (EU Reg. 2015/1094):	1427kWh/year - 4kWh/24h
Climate class (EU Reg. 2015/1094):	Heavy Duty (5)
Energy Efficiency Index-EEI (EU Reg. 2015/1094):	57,68

2025.10.31

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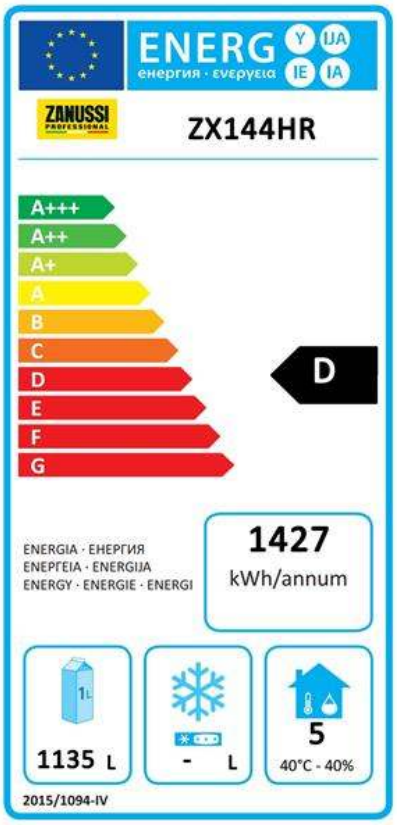

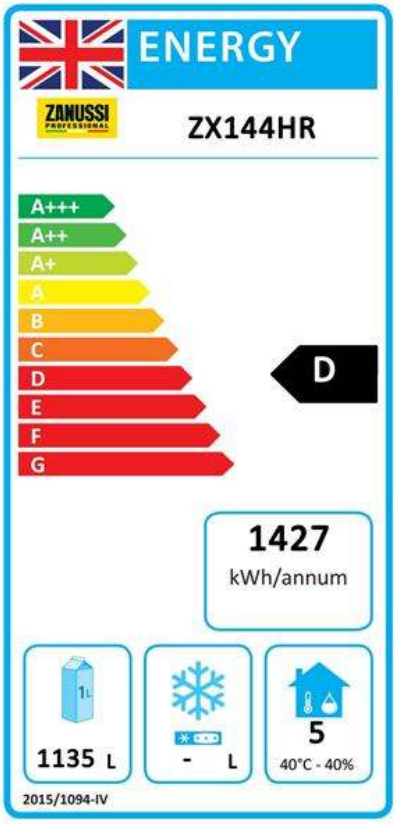

EU energy labelling from 1st July 2016

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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