

NPT Active 2 Door Digital Refrigerator, 1430lt (-2/+10) - Remote

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____


110131 (NPT142FRR)

 2-door refrigerator
 1430lt, -2/+10°C, digital,
 remote, AISI 304

Short Form Specification

Item No.

Two full door refrigerator entirely constructed in 304 AISI stainless steel with bottom panel in anti-corrosive material. 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. HACCP-compliant control with alarms and history. Automatic defrost activates only when required with automatic evaporation of defrost water. Optimized back to front forced air flow and removable air conveyors provide 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. Remote refrigeration unit; ventilated operation; Internal LED light and internal back light. For ambient temperatures up to 43 °C. Supplied with n. 8x2/1GN Rilsan coated grids and n. 8 sets of 2 stainless steel grid runners. Prearranged to fit RS485 port to facilitate connection to a remote computer and integrated HACCP systems.

Main Features

- Large storage area suitable to contain 2/1 GN grids or shelves on anti-tilt runners.
- Operating temperature can be adjusted from -2 to +10 °C to suit different food storage requirements.
- 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).
- 60 mm-thick insulation covering the evaporator can be easily removed with a single operation.
- The Active Defrost activates the defrost cycle only when necessary and only for the required time.
- Back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Rilsan coated grids for improved protection.
- Optiflow: back to front forced air flow and removable air conveyors provide even temperature distribution and fast cooling in any conditions.
- Tropicalized unit (43°C ambient temperature).
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory).
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- Internal structure with 44 charging positions available to host grids, ensuring higher net capacity and a greater storage space.
- Possibility to select 3 different levels of humidity according with the type of food stored inside.
- Zanussi Professional Fridge Control APP make the life easier for our customers:
 - Monitor safety of preservation process thanks to HACCP data & alarms 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
- 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.
- Electrolux Professional Fridge Control APP make the life easier for our customers:
 - Monitor safety of preservation process thanks to HACCP data & alarms 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
- Fully compliant HACCP digital control: when temperature exceeds critical limits, acoustic and visual alarms are activated. Up to 30 days of event are kept

APPROVAL: _____

in memory.

Construction

- Constructed from the highest quality AISI 304 Stainless steel.
- Interior base with rounded corners, pressed from a single sheet.
- The rounded internal corners, the easily removable runners, grids and air conveyors allow for ease of cleaning and high hygiene standards.
- Stainless steel runners and supports easily disassembled.
- Anti-corrosion bottom avoids any damage that may be caused to the cabinet by aggressive detergents employed to clean the floors.
- Easy access to the main components for maintenance.
- Lockable door.
- Refrigerant type: R134a.
- Remote refrigeration unit.
- The label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.

Sustainability

- Automatic evaporation of the defrosting water by hot gas on the top for energy saving.
- R290 refrigerant 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.
- Frost Watch Control: fully automatic defrost starts only when ice is actually building-up in the evaporator and adapt the defrosting duration to guarantee perfect ice removal while optimizing energy efficiency consumption.
- 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.
- Cabinet certified as Class A in heavy duty working conditions (40°C-40% humidity) based on European Ecodesign directive.
- CFC and HCFC-free insulation.
- Interior LED light to save energy and for best internal visibility.
- 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.
- Improved defrost and evaporator fan management – defrost type changes with temperature set-point: electric below +2° C while air convection defrost above +2°C, thus saving energy.

Included Accessories

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

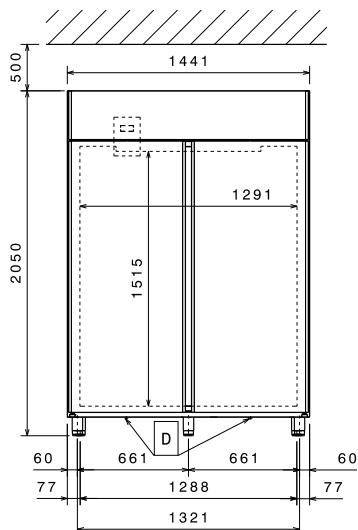
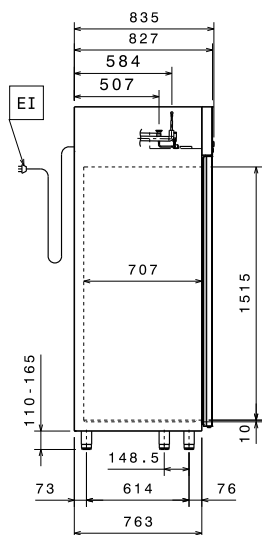
Optional Accessories

- Remote unit -2/+10°C for 1430lt refrigerated PNC 880232 ☐

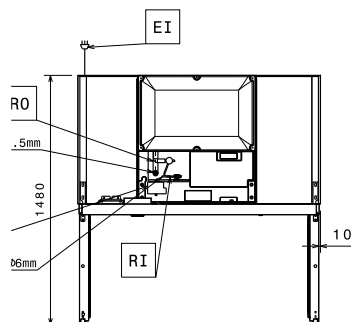
• 2 stainless steel runners for refrigerated cabinets (Marine)	PNC 880242	<input type="checkbox"/>
• Set of 8 GN1/1 PVC containers for fish	PNC 880243	<input type="checkbox"/>
• Spacer for 670 lt and 1430 lt refrigerated cabinets	PNC 880248	<input type="checkbox"/>
• Kit to fit pastry trays (400x600mm)	PNC 880333	<input type="checkbox"/>
• 1/1GN plastic container with false bottom	PNC 880705	<input type="checkbox"/>
• 2/1GN grey rilsan grid	PNC 881004	<input type="checkbox"/>
• 2/1GN aisi 304 stainless steel grid	PNC 881016	<input type="checkbox"/>
• 2/1GN 304 AISI stainless steel grid with 2 runners	PNC 881018	<input type="checkbox"/>
• Meat rail for 670/1430lt refrigerators with 4 hooks	PNC 881019	<input type="checkbox"/>
• 2/1GN grey rilsan grid with 2 runners	PNC 881020	<input type="checkbox"/>
• Set of 2 stainless steel runners for 670/1430lt refrigerators and freezers	PNC 881021	<input type="checkbox"/>
• Pedal opening for 1430lt refrigerator	PNC 881033	<input type="checkbox"/>
• 2/1GN pvc container with lid and 2 runners	PNC 881039	<input type="checkbox"/>
• 2/1GN perforated shelf	PNC 881042	<input type="checkbox"/>
• 1/1GN rilsan steel wire basket h=150mm	PNC 881043	<input type="checkbox"/>
• 3 grey rilsan central grids for 1430lt (not for glass door)	PNC 881044	<input type="checkbox"/>
• 2/1GN grey rilsan basket+2 runners h=150mm	PNC 881047	<input type="checkbox"/>
• 5 swivelling wheels (2 with brake), diam 125mm, for 1430 lt refrigerators, NOT for remote models	PNC 881294	<input type="checkbox"/>

NPT Active

2 Door Digital Refrigerator, 1430lt (-2/+10) - Remote

Front

Side


EI = Electrical inlet (power)
RI = Refrigerant Inlet
RO = Refrigerant Outlet

Top


Electric

Supply voltage:

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220-240 V/1 ph/50/60 Hz

Electrical power max.:

0.155 kW

Key Information:

Gross capacity:	1430 lt
Door hinges:	1 Left+1 Right
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:	2 Full
Number and type of grids (included):	8 - GN 2/1
Type of external material:	304 AISI
Type of internal material:	304 AISI
Internal panels material:	304 AISI
Number of positions & pitch:	44; 30 mm

Refrigeration Data

Control type:	Digital
Refrigeration type:	R134a;R513A;R426A
Suggested refrigeration power:	458 W
Condition at evaporation temperature:	-10 °C
Condition at condensation temperature:	55 °C
Condition at ambient temperature:	43 °C
Connection pipes (remote) - outlet:	9.5 mm
Connection pipes (remote) - inlet:	6 mm

***Note:**

Ref. Power calculated at a linear distance of 15 mt (piping)