

Rapido Blast Chiller-Freezer 2x20GN1/1 200/170 kg, Remote, Roll-in, disassembled

ITEM #

MODEL #

NAME #

SIS #

AIA #

**110563 (ZBFA221RDE)**

Rapido blast chiller freezer
200/170kg, 2x20 GN 1/1 or
600x400mm with touch
screen control and remote
refrigerating unit -
disassembled

Short Form Specification

Item No.

- Blast chiller freezer with high resolution full touch screen interface, multilanguage.
- For 20 GN 2/1, 600x800 or Banqueting trolleys.
- Load capacity: chilling 200 kg; freezing 170 kg.
- AirFlow air distribution system to achieve maximum performance.
- Chilling/Freezing modes: Automatic (10 food families with 100+ different pre-installed variants); Programs (a maximum 1000 programs can be stored and organized in 16 different categories); Manual (soft chilling, hard chilling, freezing, holding, turbo cooling and lite hot cycles); Special Cycles (Cruise chilling, fast thawing, Sushi&Sashimi, Sous-Vide chilling, ice-cream).
- Special functions: MultiTimer chilling/freezing, Make-it-Mine to customize interface, Match connection to Magistar Combi Ovens, SoloMio to customize homepage, agenda Calendar.
- Automatic and manual defrosting and drying.
- USB port to download HACCP data, programs and settings. Connectivity ready.
- 3-point multi sensor core temperature probe.
- Stainless steel construction throughout.
- Internal rounded corners.
- Remote refrigeration unit (optional accessory).
- R452a refrigerant gas.
- Performance guaranteed at ambient temperatures of +43°C (Climatic class 5).
- Delivered disassembled.
- Compatible with Electrolux, Zanussi and Rational ovens.

Main Features

- Holding at +3 °C for chilling or -22 °C for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- Freezing cycle: 170 kg from 90°C up to -41°C.
- X-Freeze cycle: ideal for blast freezing all kinds of food (raw, half or fully cooked).
- Lite-Hot cycle: ideal for soft heating preparations.
- Automatic mode including 10 food families (meat, poultry, fish, sauces and soup, vegetables, pasta/rice, bread, savory and sweet bakery, dessert, beverage fast cooling) with 100+ different pre-installed variants. Through Automatic Sensing Phase the blast chiller optimizes the chilling process according to size, quantity and type of food loaded to achieve the selected result. Real time overview of the chilling parameters. Possibility to personalize and save up to 70 variants per family.
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- Special Cycles:
 - Cruise Chilling automatically sets the parameters for the quickest and best chilling (it works by probe)
 - Fast Thawing
 - Sushi&Sashimi (anisakis-free food)
 - Sous-vide chilling
 - Ice Cream
- Programs mode: a maximum of 1000 programs can be stored in the blast chiller's memory, to recreate the exact same high standard at any time. The programs can be grouped in 16 different categories to better organize the menu. 16-step chilling programs also available.
- MultiTimer function to manage up to 20 different chilling cycles at the same time, improving flexibility and ensuring excellent results. Can be saved up to 200 MultiTimer programs.
- AirFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber combined with high precision variable speed fan.
- 3-point multi sensor core temperature probe for high precision and food safety.
- Remaining time estimation for probe-driven cycles based on artificial intelligence techniques (ARTE 2.0 Patented US7971450B2 and related family) for an easier planning of the activities.
- Automatic and manual defrosting and drying.
- Performance guaranteed at ambient temperatures of +43°C (Climatic class 5).

Construction

- Remote refrigeration unit (optional accessory).
- Hygienic internal chamber with all rounded corners for easy cleaning.
- Evaporator with antirust protection.
- Solenoid valve to automatically manage the gas pressure in the thermodynamic circuit.
- Main components in 304 AISI stainless steel.
- Motors and fan waterproof protected IP23.

APPROVAL:

- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- Removable magnetic gasket door with hygienic design.
- Automatic heated door frame.

- Probe holder for liquids

PNC 922714



User Interface & Data Management

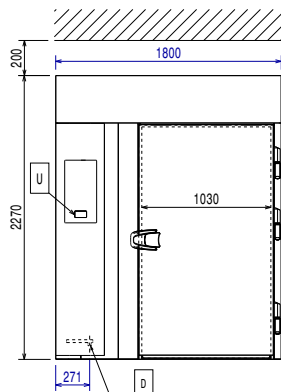
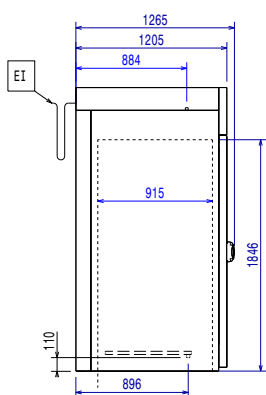
- SoloMio lets the user group the favorite functions in the homepage for immediate access.
- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- Pictures upload for full customization of cycles.
- Make-it-mine feature to allow full personalization or locking of the user interface.
- Calendar works as an agenda where the user can plan the daily work and receive personalized alerts for each task.
- With Match function the Oven and the Blast Chiller are connected to each other and communicate in order to guide the user through the cook&chill process optimizing time and efficiency (requires optional accessory).
- USB port to download HACCP data, share chilling programs and configurations.
- Connectivity ready for real time access to connected appliances from remote and HACCP monitoring (requires optional accessory).
- Trainings and guidances supporting materials easily accessible by scanning QR-Code with any mobile device.
- Automatic consumption visualization at the end of the cycle.

Sustainability

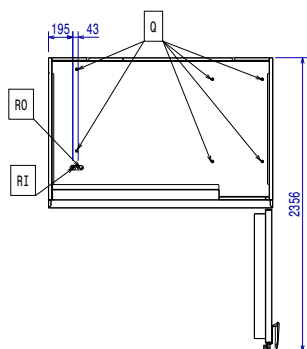
- Zero Waste provides chefs with useful tips for minimizing food waste. Zero Waste is a library of Automatic recipes that aims to: - give a second life to raw food close to expiration date (e.g., from milk to yogurt) - obtain genuine and tasty dishes from overripe fruit/vegetables (usually considered not appropriate for sale) - promote the use of typically discarded food items (e.g., carrot peels).

Optional Accessories

- Kit of 3 single sensor probes for blast chiller/freezers PNC 880567 ☐
- Air remote refrigerating unit for 200/170kg, 20 GN 2/1 blast chiller freezer (> 10 m) and 200/170kg, 2x20GN 1/1 blast chiller freezer (≤ 10 m) - R452A PNC 881225 ☐
- Pair of AISI 304 stainless steel grids, GN 1/1 PNC 922017 ☐
- AISI 304 stainless steel grid, GN 1/1 PNC 922062 ☐
- AISI 304 stainless steel grid, GN 2/1 PNC 922076 ☐
- Pair of AISI 304 stainless steel grids, GN 2/1 PNC 922175 ☐
- AISI 304 stainless steel bakery/pastry grid 400x600mm PNC 922264 ☐
- IoT module for OnE Connected (combi ovens, blast chiller/freezers, rack type DW) and Match (one IoT board per appliance - to connect oven to the blast chiller for Cook&Chill process). PNC 922421 ☐
- Connectivity router (WiFi and LAN) PNC 922435 ☐
- Match kit - to connect oven and blast chiller freezer for Cook&Chill process. The kit includes 2 boards and cables. Not for OnE Connected PNC 922439 ☐
- Spit for lamb or suckling pig (up to 30kg) for 20 GN 2/1 ovens PNC 922711 ☐

Front

Side


D = Drain
EI = Electrical inlet (power)
RO = Refrigerant Outlet
WIC = Cooling water inlet

Top

Electric

Circuit breaker required

Supply voltage: 380-415 V/3N ph/50/60 Hz

Electrical power, max: 7.44 kW

Heating power: 7.4 kW

Water:

Drain line size: 3/4"

Pressure, bar min: 0

Installation:

Clearance: 5 cm on sides and back.

Please see and follow detailed installation instructions provided with the unit

Capacity:

Max load capacity: 200 kg

Number and type of grids: 40 (GN 1/1; 600x400)

Number and type of basins: 30 (360x250x80h)

Key Information:

Door hinges: Right Side

External dimensions, Width: 1800 mm

External dimensions, Depth: 1266 mm

External dimensions, Height: 2270 mm

Net weight: 220 kg

Shipping weight: 120 kg

Shipping weight 2: 1 kg

Shipping volume: 3.58 m³

Refrigeration Data

Remote refrigeration unit required.

Note: refrigeration power calculated at a distance of 20 linear mt.

Condenser cooling type: AIR

Suggested refrigeration power: 12650 W

Condition at evaporation temperature: -20 °C

Condition at condensation temperature: 40 °C

Condition at ambient temperature: 30 °C

Connection pipes (remote) - outlet: 12 mm

Connection pipes (remote) - inlet: 22 mm

**Connection pipes (remote) -
inlet:**

22 mm

Remote
refrigeration unit
required. Working
temperature in the
cavity of the blast
chiller is down to
-41°C.

Note: refrigeration
power calculated
at a distance of 20
linear mt.

Note:*Compatible refrigerant gas:**

R404A; R452A