

**110550 (ZBFA21RE)**

Rapido blast chiller freezer 100/85kg, 20 GN 1/1 or 600x400mm with touch screen control and remote refrigerating unit

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).
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- X-Freeze cycle: ideal for blast freezing all kinds of food (raw, half or fully cooked).
- Lite-Hot cycle: ideal for soft heating preparations.
- 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.
- 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.
- 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.
- Automatic and manual defrosting and drying.
- 3-point multi sensor core temperature probe for high precision and food safety.
- Performance guaranteed at ambient temperatures of +43°C (Climatic class 5).
- 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.
- 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
- 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.

Construction

- Hygienic internal chamber with all rounded corners for easy cleaning.
- Evaporator with antirust protection.
- Motors and fan waterproof protected IP23.
- Removable magnetic gasket door with hygienic design.
- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- Automatic heated door frame.
- Main components in 304 AISI stainless steel.
- Door stopper to keep the door open in order to avoid the formation of bad smells (kit available to be mounted on site, depending on preferred door hinge).
- Remote refrigeration unit (optional accessory).
- Solenoid valve to automatically manage the gas pressure in the thermodynamic circuit.

User Interface & Data Management

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

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

PNC Code	Description
Connectivity	
922421	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).
Containers, trays and grids	
922017	Pair of AISI 304 stainless steel grids, GN 1/1
922062	AISI 304 stainless steel grid, GN 1/1
922264	AISI 304 stainless steel bakery/pastry grid 400x600mm
Feet, wheels and ramps	
880589	Flanged feet for blast chiller freezer
Food probes	
880567	Kit of 3 single sensor probes for blast chiller/freezers
922714	Probe holder for liquids

PNC Code	Description
Handling - bakery	
922761	Bakery/pastry trolley with rack holding 600x400mm grids for 20 GN 1/1 oven and blast chiller freezer, 80mm pitch (16 runners)
Handling - banqueting	
922756	Banquet trolley with rack holding 54 plates for 20 GN 1/1 oven and blast chiller freezer, 74mm pitch
922763	Banquet trolley with rack holding 45 plates for 20 GN 1/1 oven and blast chiller freezer, 90mm pitch
Handling - gastronorm	
922683	Trolley with tray rack, 15 GN 1/1, 84mm pitch
922753	Trolley with tray rack, 20 GN 1/1, 63mm pitch
922754	Trolley with tray rack, 16 GN 1/1, 80mm pitch
Remote units	
881223	Air remote refrigerating unit for 100/70kg, 10 GN 2/1 blast chiller freezer (> 10 m) and 100/85kg, 20 GN 1/1 blast chiller freezer (≤ 10 m) - R452A
881230	Air/water remote refrigerating unit for 100/85kg, 20 GN 1/1 blast chiller freezer - R452A
881269	Air remote refrigerating unit for 100/85kg, 20 GN 1/1 blast chiller freezer (> 10 m) and 150/120kg, 20 GN 2/1 blast chiller freezer (≤ 10 m) - R452A
Other accessories	
922435	Connectivity router (WiFi and LAN)
922439	Match kit - to connect oven and blast chiller freezer for Cook&Chill process. The kit includes 2 boards and cables. Not for OnE Connected
922710	Spit for lamb or suckling pig (up to 30kg) for 20 GN 1/1 ovens

Recommended Detergents

PNC Code	Description
0S2881	S01 STAINLESS STEEL SURFACE POLISHER; 6 BOTTLES X 750ML C/T
0S2883	S03 ALCOHOL BASE DETERGENT; 6 BOTTLES X 750ML; ADR&IMDG&IATA Limited Quantity
0S2884	S04 GLASSES & HARD SURFACES CLEANERS; 6 BOTTLES X 750ML
0S3257	S05 - MULTIPURPOSE DEGREASER; 6PCS X 750ML; ADR&IMDG Limited Quantity

Technical specifications

Electric

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

Water:

Drain line size:	1/2"
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Capacity:

Max load capacity:	100 kg
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N° and type of basins:	20 (360x250x80h)
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Key Information:

Number and type of grids:	20 (GN 1/1; 600x400)
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External dimensions, Width:	1040 mm
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External dimensions, Depth:	850 mm
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External dimensions, Height:	1741 mm
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Net weight:	200 kg
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Shipping weight (gross):	232 kg
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Shipping volume:	2.24 m ³
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Number of positions & pitch:	20; 63 mm
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Refrigeration Data

Suggested refrigeration power: 9480 W

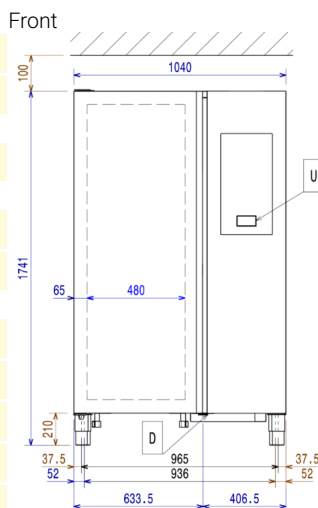
Condition at evaporation temperature:	-20 °C
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Condition at condensation temperature:	40 °C
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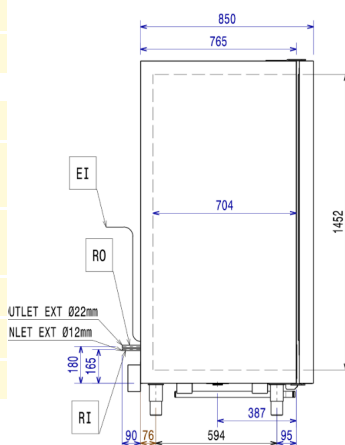
Condition at ambient temperature: 30 °C

Connection pipes (remote) - outlet: 22 mm

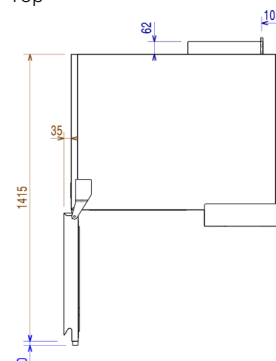
Connection pipes (remote) - inlet:	12 mm
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Side



Top



D = Drain

El = Electrical inlet (power)

RO = Refrigerant Outlet

