

ITEM #	
MODEL #	
NAME #	
SIS #	
AIA#	



727734 (EBFA11UE)

Skyline ChillS Blast Chiller Freezer 50/50kg, 10 GN 1/1 or 600x400mm (29 levels pitch 30mm) with touch screen control and UV lamp

Short Form Specification

Item No.

- Blast chiller freezer with high resolution full touch screen interface, multilanguage
- For 10 GN 1/1 or 600x400 mm trays. Up to 18 ice cream basins of 5 kg (165x360x125h
- Load capacity: chilling 50 kg; freezing 50 kg
- OptiFlow air distribution system to achieve maximum performance with 7 fan speed
- 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); Specialistic Cycles (Cruise chilling, proving, retarded proving, fast thawing, Sushi&Sashimi, Sous-Vide chilling, ice-cream, yogurt and chocolate)
- SkyHub to customize homepage, agenda MyPlanner, SkyDuo connection to SkyLine
- techniques (ARTE 2.0)
- Automatic and manual defrosting and drying
- UV lamp for sterilizing cycle
- 3-point multi sensor core temperature probe
- Stainless steel construction throughout
- Built-in refrigeration unit
- R452a refrigerant gas
- Performance guaranteed at ambient temperatures of +43°C (Climatic class 5).

- Special functions: MultiTimer chilling/freezing, Make-it-Mine to customize interface,
- Remaining time estimation for probe-driven cycles based on artificial intelligence
- USB port to download HACCP data, programs and settings. Connectivity ready
- Internal rounded corners

Main Features

- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- Blast Chilling cycle: 50 kg from +90°C up to + 3°C in less than 90 minutes.
- Chilling cycle (+10°C to -41°C) with automatic preset cycles:
 - Soft chilling (air temperature 0°C), ideal for delicate food and small portions.
- Hard chilling (air temperature -20°C), ideal for solid food and whole pieces.
- X-Freeze cycle (+10°C to -41°C): ideal for blast freezing all kinds of food (raw, half or fully cooked).
- Lite-Hot cycle (+40°C to -18°C): ideal for soft heating preparations.
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- 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 variable. 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.
- - Cruise Cycle (Patented EP1716769B1 and related family) automatically sets the parameters for the quickest and best chilling (it works with probe)
 - Proving
 - Retarded Proving
 - Fast Thawing
 - Sushi&Sashimi (anisakis-free food)
 - Chill Sous-vide
- Ice Cream
- Yogurt
- Chocolate
- 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.
- OptiFlow air distribution system to achieve maximum performance in chilling/heating eveness and temperature control thanks to a special design of the chamber combined with high precision variable speed fan.
- Fan with 7 speed levels. Fan stops in less than 5 seconds when door is opened.
- 3-point multi sensor core temperature probe for high precision and food safety.
- 6-point multi sensor core temperature probe for maximum precision and food safety (optional accessory).







- Pictures upload for full customization of cycles.
- 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
- Customizable pre-cooling and pre-heating functions.
- Automatic and manual defrosting, drying and sterilizing cycle with UV lamps.
- Make-it-mine feature to allow full personalization or locking of the user interface.
- SkyHub lets the user group the favorite functions in the homepage for immediate access.
- MyPlanner works as an agenda where the user can plan the daily work and receive personalized alerts for each task.
- 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.
- Multi-purpose internal structure is suitable for 10 grids GN 1/1 (29 positions available with 30 mm pitch) 10 grids or trays 600 x 400 mm (29 positions availabe with 30 mm pitch) or 18 ice-cream basins of 5 kg each (h 125 x 165 x 360).
- Performance guaranteed at ambient temperatures of +43°C (Climatic class 5).
- Working temperature from +90°C to +3°C in chilling mode or to -41°C in freezing mode.

Construction

- Built-in refrigeration unit.
- Environmentally friendly: R452a as refrigerant gas.
- Solenoid valve to automatically manage the gas pressure in the thermodynamic circuit.
- Main components in 304 AISI stainless steel.
- Evaporator with antirust protection.
- Motors and fan waterproof protected IP54.
- Seamless hygienic internal chamber with all rounded corners for easy cleaning.
- Removable magnetic gasket door with hygienic design.
- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- 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).
- Automatic heated door frame.
- No water connections required.
 Waste water can be plumbed into drain, but can also be collected in an optional waste container.

Sustainability

- 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).
- With SkyDuo 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).
- Human centered design with 4-star certification for ergonomics and usability.

Included Accessories

 1 of 3-sensor probe for blast chiller 	PNC 880582
freezer	

Optional Accessories

Optional Accessories		
 Bakery/pastry grid for blast chiller, lengthwise (600x400mm) 	PNC 880294	
 Slide-in rack support for 10 GN 1/1 blast chiller freezer 	PNC 880564	
• 6-sensor probe for blast chiller freezer	PNC 880566	
 Kit of 3 single sensor probes for blast chiller/freezers 	PNC 880567	
 3-sensor probe for blast chiller freezer 	PNC 880582	
 5 stainless steel runners for 6 & 10 GN 1/1 blast chiller freezer 	PNC 880587	
 Flanged feet for blast chiller freezer 	PNC 880589	
 4 wheels for blast chiller freezer 	PNC 881284	
 Pair of AISI 304 stainless steel grids, GN 1/1 	PNC 922017	
 Pair of grids for whole chicken (8 per grid - 1,2kg each), GN 1/1 	PNC 922036	
 AISI 304 stainless steel grid, GN 1/1 	PNC 922062	
 Grid for whole chicken (4 per grid - 1,2kg each), GN 1/2 	PNC 922086	
 Baking tray for 5 baguettes in perforated aluminum with silicon coating, 400x600x38mm 	PNC 922189	
 Baking tray with 4 edges in perforated aluminum, 400x600x20mm 	PNC 922190	
 Baking tray with 4 edges in aluminum, 400x600x20mm 	PNC 922191	
 Pair of frying baskets 	PNC 922239	
 AISI 304 stainless steel bakery/pastry grid 400x600mm 	PNC 922264	
 Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1 	PNC 922266	
 Kit universal skewer rack and 4 long skewers for Lenghtwise ovens 	PNC 922324	
 Kit universal skewer rack and 6 short skewers for Lengthwise and Crosswise ovens 	PNC 922325	
 Universal skewer rack 	PNC 922326	
 4 long skewers 	PNC 922327	
 Multipurpose hook 	PNC 922348	
 Grid for whole duck (8 per grid - 1,8kg each), GN 1/1 	PNC 922362	
 Connectivity hub (SIM) Router Ethernet + WiFi + 4G (UE) 	PNC 922399	
 Connectivity hub (LAN) Router Ethernet + WiFi 	PNC 922412	
• IoT module for SkyLine ovens and blast chiller/freezers	PNC 922421	
 Tray rack with wheels 10 GN 1/1, 65mm pitch 	PNC 922601	
 Tray rack with wheels, 8 GN 1/1, 80mm pitch 	PNC 922602	
Bakery/pastry tray rack with wheels holding 400x600mm grids for 10 GN 1/1	PNC 922608	



SkyLine ChillS Blast Chiller-Freezer 10GN1/1 50/50 kg with UV lamp

Trolley for slide-in rack for 6 & 10 GN 1/1 PNC 922626

holding 400x600mm grids for 10 GN 1/1

oven and blast chiller freezer, 80mm

oven and blast chiller freezer

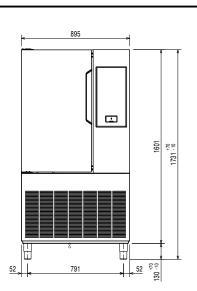
pitch (8 runners)



 Banquet rack with wheels holding 30 plates for 10 GN 1/1 oven and blast chiller freezer, 65mm pitch 	PNC 922648	
 Banquet rack with wheels 23 plates for 10 GN 1/1 oven and blast chiller freezer, 85mm pitch 	PNC 922649	
 Dehydration tray, GN 1/1, H=20mm 	PNC 922651	
Flat dehydration tray, GN 1/1	PNC 922652	
 Spit for lamb or suckling pig (up to 12kg) for GN 1/1 ovens 	PNC 922709	
 Probe holder for liquids 	PNC 922714	
 Non-stick universal pan, GN 1/1, H=20mm 	PNC 925000	
 Non-stick universal pan, GN 1/1, H=40mm 	PNC 925001	
 Non-stick universal pan, GN 1/1, H=60mm 	PNC 925002	
 Double-face griddle, one side ribbed and one side smooth, GN 1/1 	PNC 925003	
Aluminum grill, GN 1/1	PNC 925004	
 Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1 	PNC 925005	
 Flat baking tray with 2 edges, GN 1/1 	PNC 925006	
 Baking tray for 4 baguettes, GN 1/1 	PNC 925007	
 Potato baker for 28 potatoes, GN 1/1 	PNC 925008	
 Non-stick universal pan, GN 1/2, H=20mm 	PNC 925009	
 Non-stick universal pan, GN 1/2, H=40mm 	PNC 925010	
 Non-stick universal pan, GN 1/2, H=60mm 	PNC 925011	
• Kit of 6 non-stick universal pans, GN 1/1, H=20mm	PNC 925012	
• Kit of 6 non-stick universal pans, GN 1/1, H=40mm	PNC 925013	
• Kit of 6 non-stick universal pan GN 1/1, H=60mm	PNC 925014	

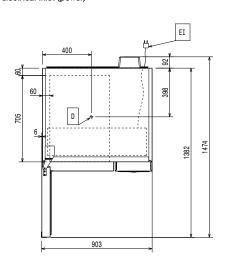






939 60 902 ΕI H D

Drain Electrical inlet (power)



Electric

Front

Side

Top

Supply voltage:

727734 (EBFA11UE) 380-415 V/3N ph/50 Hz

Electrical power max.: 4.15 kW 1.9 kW Healing power:

Circuit breaker required

Water:

Drain line size: 1"1/2

Installation:

Clearance: 5 cm on sides and back. Please see and follow detailed installation instructions provided

with the unit Capacity:

50 kg Max load capacity:

Trays type: 600x400; GN 1/1; Ice Cream

Key Information:

Door hinges: Left Side External dimensions, Width: 895 mm External dimensions, Depth: 939 mm 1731 mm External dimensions, Height: 233 kg Net weight: Shipping weight: 241 kg Shipping volume: 1.98 m³

Refrigeration Data

Built-in Compressor and Refrigeration Unit

Refrigeration power at

evaporation temperature: -20 °C Condenser cooling type: AIR Suggested refrigeration power: 0 W

Product Information (EN17032 - Commission Regulation EU 2015/1095)

Chilling Cycle Time (+65°C to

+10°C): 69 min 50 kg Full load capacity (chilling): Freezing Cycle Time (+65°C to

-18°C): 245 min 50 kg Full load capacity (freezing):

Test performed in a test room at 30°C to chill/ freeze (+10°C/-18° C) a full load of 40mm deep trays filled with mashed potatoes evenly distributed up to a height of 35 mm at starting temperature between 65° and 80°C within 120/270min.

ISO Certificates

ISO 9001; ISO 14001; ISO 45001; ISO 50001 ISO Standards:

Sustainability

Refrigerant type: R452A **GWP Index:** 2141 4220 W Refrigeration power: Refrigerant weight: 2000 g

Energy consumption, cycle

0.0798 kWh/kg

Energy consumption, cycle (freezing): 0.2253 kWh/kg

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