

## SkyLine Chills Blast Chiller-Freezer 101 (110 lbs)

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



### Short Form Specification

**Item No.** \_\_\_\_\_

- Blast chiller freezer with high resolution full touch screen interface, Multilanguage, IP54, ERGOcert, ETL
- OptiFlow air distribution system with 7 fan speed levels
- 3 modes: Automatic (10 food families with 100+ different pre-installed variants); Programs (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 A.R.T.E chilling, proving, retarded proving, fast thawing, Sushi&Sashimi, Sous-Vide chilling, ice-cream, yogurt and chocolate)
- Special functions: MultiTimer, Make-it-Mine, SkyHub homepage, agenda MyPlanner
- Automatic and manual defrosting and drying
- USB port to download HACCP data, programs and settings.
- 3-point multi sensor core temperature probe
- Built-in refrigeration unit
- R448a refrigerant gas

### Main Features

- Touchscreen: High resolution interface (translated into more than 30 languages including Spanish and French) - color-blind friendly panel.
- Blast Chilling cycle: 110 lbs (50 kg) from +195°F (+90°C) up to +37°F (+3°C) in less than 90 minutes.
- Chilling cycle ( 50°F to -25°F/ 10°C to -31°C) with automatic preset cycles: - Soft chilling (air temperature 32°F/0°C), ideal for delicate food and small portions. - Hard chilling (air temperature -4°F/-20°C), ideal for solid food and whole pieces.
- X-Freeze: cycle (+50°F to -25°F/+10°C to -31°C): ideal for blast freezing all kinds of food (raw, half or fully cooked).
- Lite-Hot cycle (+104°F to 0°F/+40°C to -18°C): Ideal for soft heating preparations.
- Infinite Cycle: chiller works continuously at the desired temperature; ideal for continuous production.
- Automatic chilling/freezing mode including 10 food families (meat, poultry, fish, sauces and soup, vegetables, pasta/rice, bread, pastries and sweet bakery, dessert, beverage fast cooling) with 100+ different pre-installed variations. The Automatic Sensory Phase of the blast chiller optimizes the chilling process according to size, quantity and type of food loaded to achieve the selected result. Real time monitoring of chilling parameters. Personalize and save up to 70 variations per family.
- Cycles+: - 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: up to 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: Special feature to manage up to 20 different cooking cycles at the same time in the same cavity guaranteeing even cooking results. Up to 200 MultiTimer available programs
- OptiFlow: air flow management system to achieve maximum performance in cooking evenness and temperature control thanks to the special design of the cooking chamber, the high precision variable speed fan and the venting valve.
- Cooling Fan: 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).
- Picture Management: upload full customized images of cooking cycles or food items
- A.R.T.E: 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.

**APPROVAL:** \_\_\_\_\_

- Customization: Modify pre-cooling and pre-heating functions.
- Automatic and manual defrosting and drying.
- Make-it-mine: feature to allow full personalization or locking of the user interface by selecting what is visible on screen
- SkyHub: customizable homepage to allow the user to group their favorite functions for immediate access when operating.
- MyPlanner: on-screen agenda where the user can plan their daily work, set reminders for several users and receive personalized alerts for each activity
- USB port to download HACCP data, share chilling programs and configurations.
- e-learning: equipment trainings, how-to guides, and technical documentation easily accessible by scanning QR-Code with any mobile device.
- Data Analytics: automatic consumption visualization at the end of the cycle.
- Multi-purpose internal structure is suitable for 10 half-sheet size pans 18" x 26" (29 positions available with 1 1/5" pitch) and 10 bakery trays 23" x 15" (29 positions available with 1 1/5" pitch). Modifiable pitch.
- Performance guaranteed at ambient temperatures of +109° F (+43°C) (Climatic class 5 certified).
- [NOT TRANSLATED]
- [NOT TRANSLATED]

## Construction

- Built-in refrigeration unit.
- 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.
- 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

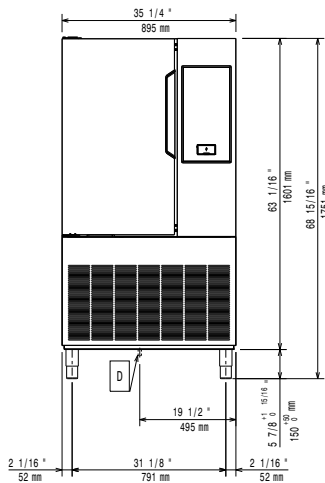


- Holding at +37°F (+3°C) for chilling or -8 °F (-22°C) for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- SkyDuo: Oven and Blast Chiller automatic communication to guide the user through the cook&chill process by creating a safe controlled environment to optimize time and efficiency (requires optional accessory).
- Human centered design: with 4-star certification for ergonomics and usability.

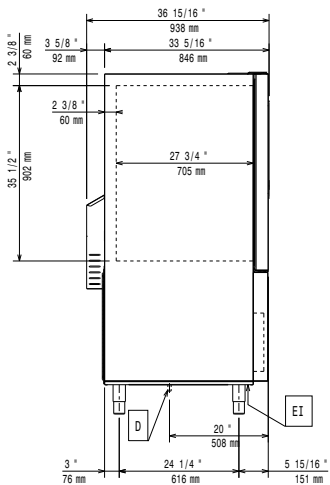
## Included Accessories

- 1 of 3-sensor probe for blast chiller freezer PNC 880582
- 5 of Single 304 stainless steel grid (12 " x 20") PNC 922062

Front

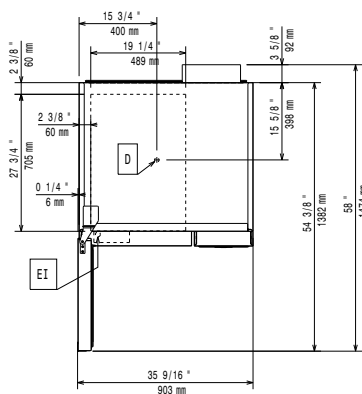


Side



EI = Electrical connection

Top



### Electric

#### Supply voltage:

727738 (EBFA11Q) 208 V/3 ph/60 Hz

#### Electrical power, default:

4.7 kW

#### Heating power:

1.8 kW

### Water:

#### Drain line size:

1 1/2" (40 mm)

### Installation:

2 in (5 cm) on sides and back.

### Clearance:

Please see and follow detailed installation instructions provided with the unit

### Capacity:

#### Max load capacity:

110 lbs (50 kg)

#### Hotel pans:

10 - 12" X 20"

#### Half-size sheet pans:

10 - 13" X 18"

### Key Information:

#### External dimensions, Width:

35 1/4" (895 mm)

#### External dimensions, Depth:

37" (939 mm)

#### External dimensions, Height:

68 1/8" (1731 mm)

#### Internal Dimensions (height):

35 1/2"

#### Internal Dimensions (width):

19 1/4"

#### Shipping width:

39 3/8" (1000 mm)

#### Shipping depth:

40 9/16" (1030 mm)

#### Shipping height:

77 3/16" (1960 mm)

#### Shipping weight:

556 lbs (252 kg)

#### Shipping volume:

71.29 ft<sup>3</sup> (2.02 m<sup>3</sup>)

### Refrigeration Data

#### Refrigeration power at

#### evaporation temperature:

14 °F

#### Refrigerant weight:

4,409 lbs (2000 g)

#### Refrigeration power:

25299 BTU/hr

#### Condensation temperature:

104°F

#### Ambient temperature:

89,6°F

### ISO Certificates

#### ISO Standards:

ISO 9001; ISO 14001; ISO 45001; ISO 50001

### Sustainability

#### Current consumption:

16.5 Amps

#### Refrigerant type:

R448A

#### GWP Index:

1273