

## SkyLine PremiumS Electric Combi Oven 10GN2/1 (Marine)

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

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

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

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

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



### 227713 (ECOIE102T2E0)

SkyLine PremiumS combi boiler oven with touch screen control, 10x2/1GN, electric, 3 cooking modes (automatic, recipe program, manual), automatic cleaning - Marine

### 227723 (ECOIE102T2D0)

SkyLine PremiumS combi boiler oven with touch screen control, 10x2/1GN, electric, 3 cooking modes (automatic, recipe program, manual), automatic cleaning - Marine

## Short Form Specification

### Item No.

Combi oven with high resolution full touch screen interface, multilanguage.

- Built-in steam generator with real humidity control based upon Lambda Sensor.
- OptiFlow air distribution system to achieve maximum performance with 7 fan speed levels.
- SkyClean: Automatic and built-in self cleaning system with integrated descale of the steam generator. 5 automatic cycles (soft, medium, strong, extra strong, rinse-only) and green functions to save energy, water, detergent and rinse aid.
- Cooking modes: Automatic (9 food families with 100+ different pre-installed variants); Programs (a maximum of 1000 recipes can be stored and organized in different categories); Manual (steam, combi and convection cycles); Specialistic Cycles (regeneration, Low Temperature Cooking, proving, EcoDelta, Sous-Vide, Static-Combi, Pasteurization of pasta, dehydration, Food Safe Control and Advanced Food Safe Control).
- Special functions: MultiTimer cooking, Plan-n-Save to cut running costs, Make-it-Mine to customize interface, SkyHub to customize homepage, agenda MyPlanner, SkyDuo connection to SkyLine ChillerS, automatic backup mode to avoid downtime.
- USB port to download HACCP data, programs and settings. Connectivity ready.
- 6-point multi sensor core temperature probe.
- Double-glass door with LED lights and double-step opening.
- Stainless steel construction throughout.
- Supplied with n.1 tray rack 1/1 GN, 67 mm pitch, with tray stopper.
- Flanged feet, door stopper (to be installed on site).

## Main Features

- Built-in steam generator for highly precise humidity and temperature control according to the chosen settings.
- Real humidity control based upon Lambda Sensor to automatically recognize quantity and size of food for consistent quality results.
- Dry, hot convection cycle (25 °C - 300 °C): ideal for low humidity cooking.
- Combination cycle (25 °C - 300 °C): combining convected heat and steam to obtain humidity controlled cooking environment, accelerating the cooking process and reducing weight loss.
- Low temperature Steam cycle (25 °C - 99 °C): ideal for sous-vide, re-thermalization and delicate cooking.  
Steam cycle (100 °C): seafood and vegetables.  
High temperature steam (25 °C - 130 °C).
- Automatic mode including 9 food families (meat, poultry, fish, vegetables, pasta/rice, eggs, savory and sweet bakery, bread, dessert) with 100+ different pre-installed variants. Through Automatic Sensing Phase the oven optimizes the cooking process according to size, quantity and type of food loaded to achieve the selected cooking result. Real time overview of the cooking parameters. Possibility to personalize and save up to 70 variants per family.
- Cycles+:
  - Regeneration (ideal for banqueting on plate or rethermalizing on tray),
  - Low Temperature Cooking (to minimize weight loss and maximize food quality) Patented US7750272B2 and related family,
  - Proving cycle,
  - EcoDelta cooking, cooking with food probe maintaining preset temperature difference between the core of the food and the cooking chamber,
  - Sous-vide cooking,
  - Static Combi (to reproduce traditional cooking from static oven),
  - Pasteurization of pasta,
  - Dehydration cycles (ideal for drying fruits, vegetables, meats, seafood),
  - Food Safe Control (to automatically monitor safety of cooking process in compliance with HACCP hygienic standards) Patented US6818865B2 and related family,
  - Advanced Food Safe Control (to drive the cooking with pasteurization factor).
- Programs mode: a maximum of 1000 recipes can be stored in the oven's memory, to recreate the exact same recipe at any time. The recipes can be group in 16 different categories to better organize the menu. 16-step cooking programs also available.
- MultiTimer function to manage up to 20 different cooking cycles at the same time, improving flexibility and ensuring excellent cooking results. Can be saved up to 200 MultiTimer programs.
- Fan with 7 speed levels from 300 to 1500 RPM and reverse rotation for optimal evenness. Fan stops in less than 5 seconds when door is opened.
- 6-point multi sensor core temperature probe for maximum precision and food safety.
- Pictures upload for full customization of cooking

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

cycles.

- Automatic fast cool down and pre-heat function.
- Different chemical options available: solid (phosphate-free), liquid (requires optional accessory).
- GreaseOut: predisposed for integrated grease drain and collection for safer operation (dedicated base as optional accessory).
- USB port to download HACCP data, share cooking programs and configurations.  
USB port also allows to plug-in sous-vide probe (optional accessory).
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.
- Capacity: 10 GN 2/1 or 20 GN 1/1 trays.
- OptiFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber.

### Construction

- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner glass on door for easy cleaning.
- Hygienic internal chamber with all rounded corners for easy cleaning.
- 304 AISI stainless steel construction throughout.
- Front access to control board for easy service.
- Integrated spray gun with automatic retracting system for fast rinsing.
- IPX 5 spray water protection certification for easy cleaning.
- Supplied with n.1 tray rack 2/1 GN, 67 mm pitch.
- Delivered with door stopper to be installed on site, predisposed for door opening 110°.

### User Interface & Data Management

- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- 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.
- 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).
- 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.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory - contact the Company for more details).

### Sustainability



- Human centered design with 4-star certification for ergonomics and usability.
- Wing-shaped handle with ergonomic design and hands-free opening with the elbow, making managing trays simpler. Protected by registered design (EM003143551 and related family).
- Reduced powerfunction for customized slow cooking cycles.
- SkyClean: Automatic and built-in self cleaning system with

integrated descale of the steam generator. 5 automatic cycles (soft, medium, strong, extra strong, rinse-only) and green functions to save energy, water, detergent and rinse aid. Also programmable with delayed start.

- Plan-n-Save function organizes the cooking sequence of the chosen cycles optimizing the work in the kitchen from a time and energy efficiency point of view.
- 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).
- Energy Star 2.0 certified product.

### Included Accessories

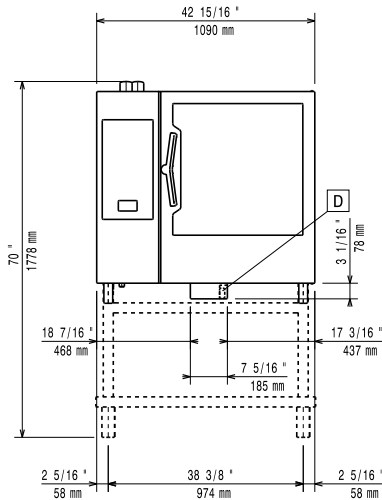
- 1 of 4 flanged feet for 6 & 10 GN , 2", 100-130mm PNC 922351
- 1 of Door stopper for 6 & 10 GN Oven - Marine PNC 922775

### Optional Accessories

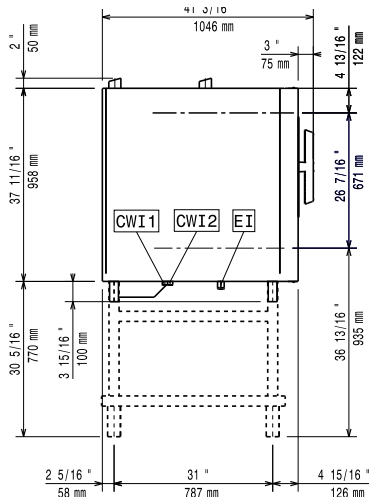
- External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens PNC 864388 ☐
- Water softener with cartridge and flow meter (high steam usage) PNC 920003 ☐
- Water filter with cartridge and flow meter for 6 & 10 GN 1/1 ovens (low-medium steam usage - less than 2hrs per day full steam) PNC 920004 ☐
- Water softener with salt for ovens with automatic regeneration of resin PNC 921305 ☐
- Wheel kit for 6 & 10 GN 1/1 and 2/1 GN oven base (not for the disassembled one) PNC 922003 ☐
- 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 ☐
- AISI 304 stainless steel grid, GN 2/1 PNC 922076 ☐
- External side spray unit (needs to be mounted outside and includes support to be mounted on the oven) PNC 922171 ☐
- Pair of AISI 304 stainless steel grids, GN 2/1 PNC 922175 ☐
- 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 ☐
- Double-step door opening kit PNC 922265 ☐
- Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1 PNC 922266 ☐
- USB probe for sous-vide cooking PNC 922281 ☐

• Kit universal skewer rack and 6 short skewers for Lengthwise and Crosswise ovens	PNC 922325	<input type="checkbox"/>	• Heat shield-stacked for ovens 6 GN 2/1 on 10 GN 2/1	PNC 922667	<input type="checkbox"/>
• Universal skewer rack	PNC 922326	<input type="checkbox"/>	• Kit to fix oven to the wall	PNC 922687	<input type="checkbox"/>
• 6 short skewers	PNC 922328	<input type="checkbox"/>	• Tray support for 6 & 10 GN 2/1 oven base	PNC 922692	<input type="checkbox"/>
• Multipurpose hook	PNC 922348	<input type="checkbox"/>	• 4 adjustable feet with black cover for 6 & 10 GN ovens, 100-115mm	PNC 922693	<input type="checkbox"/>
• 4 flanged feet for 6 & 10 GN , 2", 100-130mm	PNC 922351	<input type="checkbox"/>	• Detergent tank holder for open base	PNC 922699	<input type="checkbox"/>
• Grease collection tray, GN 2/1, H=60 mm	PNC 922357	<input type="checkbox"/>	• Mesh grilling grid, GN 1/1	PNC 922713	<input type="checkbox"/>
• Grid for whole duck (8 per grid - 1,8kg each), GN 1/1	PNC 922362	<input type="checkbox"/>	• Probe holder for liquids	PNC 922714	<input type="checkbox"/>
• Thermal cover for 10 GN 2/1 oven and blast chiller freezer	PNC 922366	<input type="checkbox"/>	• Odour reduction hood with fan for 6 & 10 GN 2/1 electric ovens	PNC 922719	<input type="checkbox"/>
• Tray support for 6 & 10 GN 2/1 disassembled open base	PNC 922384	<input type="checkbox"/>	• Condensation hood with fan for 6 & 10 GN 2/1 electric oven	PNC 922724	<input type="checkbox"/>
• Wall mounted detergent tank holder	PNC 922386	<input type="checkbox"/>	• 4 high adjustable feet for 6 & 10 GN ovens, 230-290mm	PNC 922745	<input type="checkbox"/>
• USB single point probe	PNC 922390	<input type="checkbox"/>	• Tray for traditional static cooking, H=100mm	PNC 922746	<input type="checkbox"/>
• IoT module for OnE Connected and SkyDuo (one IoT board per appliance - to connect oven to blast chiller for Cook&Chill process).	PNC 922421	<input type="checkbox"/>	• Double-face griddle, one side ribbed and one side smooth, 400x600mm	PNC 922747	<input type="checkbox"/>
• Stacking kit for 6 GN 2/1 oven on electric 6&10 GN 2/1 oven, h=150mm - Marine	PNC 922423	<input type="checkbox"/>	• Trolley for grease collection kit	PNC 922752	<input type="checkbox"/>
• Wall sealing kit for stacked electric ovens 6 GN 2/1 on 10 GN 2/1 - Marine	PNC 922427	<input type="checkbox"/>	• Water inlet pressure reducer	PNC 922773	<input type="checkbox"/>
• Tray rack with wheels 10 GN 2/1, 65mm pitch	PNC 922603	<input type="checkbox"/>	• Kit for installation of electric power peak management system for 6 & 10 GN Oven	PNC 922774	<input type="checkbox"/>
• Tray rack with wheels, 8 GN 2/1, 80mm pitch	PNC 922604	<input type="checkbox"/>	• Door stopper for 6 & 10 GN Oven - Marine	PNC 922775	<input type="checkbox"/>
• Slide-in rack with handle for 6 & 10 GN 2/1 oven	PNC 922605	<input type="checkbox"/>	• Extension for condensation tube, 37cm	PNC 922776	<input type="checkbox"/>
• Bakery/pastry tray rack with wheels 400x600mm for 10 GN 2/1 oven and blast chiller freezer, 80mm pitch (8 runners)	PNC 922609	<input type="checkbox"/>	• Non-stick universal pan, GN 1/1, H=20mm	PNC 925000	<input type="checkbox"/>
• Open base with tray support for 6 & 10 GN 2/1 oven	PNC 922613	<input type="checkbox"/>	• Non-stick universal pan, GN 1/1, H=40mm	PNC 925001	<input type="checkbox"/>
• External connection kit for liquid detergent and rinse aid	PNC 922618	<input type="checkbox"/>	• Non-stick universal pan, GN 1/1, H=60mm	PNC 925002	<input type="checkbox"/>
• Stacking kit for 6 GN 2/1 oven placed on electric 10 GN 2/1 oven	PNC 922621	<input type="checkbox"/>	• Double-face griddle, one side ribbed and one side smooth, GN 1/1	PNC 925003	<input type="checkbox"/>
• Trolley for slide-in rack for 10 GN 2/1 oven and blast chiller freezer	PNC 922627	<input type="checkbox"/>	• Aluminum grill, GN 1/1	PNC 925004	<input type="checkbox"/>
• Trolley for mobile rack for 6 GN 2/1 on 6 or 10 GN 2/1 ovens	PNC 922631	<input type="checkbox"/>	• Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1	PNC 925005	<input type="checkbox"/>
• Stainless steel drain kit for 6 & 10 GN oven, dia=50mm	PNC 922636	<input type="checkbox"/>	• Flat baking tray with 2 edges, GN 1/1	PNC 925006	<input type="checkbox"/>
• Plastic drain kit for 6 & 10 GN oven, dia=50mm	PNC 922637	<input type="checkbox"/>	• Potato baker for 28 potatoes, GN 1/1	PNC 925008	<input type="checkbox"/>
• Trolley with 2 tanks for grease collection	PNC 922638	<input type="checkbox"/>	• Compatibility kit for installation on previous base GN 2/1	PNC 930218	<input type="checkbox"/>
• Grease collection kit for GN 1/1-2/1 open base (2 tanks, open/close device for drain)	PNC 922639	<input type="checkbox"/>	<b>Recommended Detergents</b>		
• Banquet rack with wheels holding 51 plates for 10 GN 2/1 oven and blast chiller freezer, 75mm pitch	PNC 922650	<input type="checkbox"/>	• C25 Rinse & Descale tab 2in1 rinse aid and descaler in disposable tablets for Skyline ovens Professional 2in1 rinse aid and descaler in disposable tablets for new generation ovens with automatic washing system. Suitable for all types of water. Packaging: 1 drum of 50 30g tablets. each	PNC OS2394	<input type="checkbox"/>
• Dehydration tray, GN 1/1, H=20mm	PNC 922651	<input type="checkbox"/>	• C22 Cleaning Tab Disposable detergent tablets for SkyLine ovens Professional detergent for new generation ovens with automatic washing system. Suitable for all types of water. Packaging: 1 drum of 100 65g tablets. each	PNC OS2395	<input type="checkbox"/>
• Flat dehydration tray, GN 1/1	PNC 922652	<input type="checkbox"/>			
• Open base for 6 & 10 GN 2/1 oven, disassembled - NO accessory can be fitted with the exception of 922384	PNC 922654	<input type="checkbox"/>			
• Heat shield for 10 GN 2/1 oven	PNC 922664	<input type="checkbox"/>			

Front

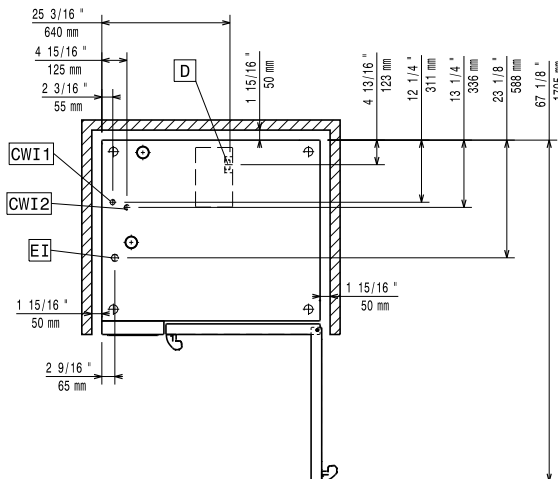


Side



CWI1 = Cold Water inlet 1 (cleaning)      EI = Electrical inlet (power)  
 CWI2 = Cold Water Inlet 2 (steam generator)  
 D = Drain  
 DO = Overflow drain pipe

Top



### Electric

#### Supply voltage:

227713 (ECOIE102T2E0)	380-415 V/3 ph/50-60 Hz
227723 (ECOIE102T2D0)	440 V/3 ph/50-60 Hz

**Electrical power, default:** 37.4 kW

Default power corresponds to factory test conditions.

When supply voltage is declared as a range the test is performed at the average value. According to the country, the installed power may vary within the range.

#### Electrical power max.:

227713 (ECOIE102T2E0)	40.1 kW
227723 (ECOIE102T2D0)	39 kW

#### Circuit breaker required

### Water:

#### Water inlet connections "CWI1-CWI2":

3/4"

**Pressure, bar min/max:** 1-6 bar

**Drain "D":** 50mm

#### Max inlet water supply temperature:

30 °C

**Chlorides:** <17 ppm

**Conductivity:** >50 µS/cm

**Electrolux Professional** recommends the use of treated water, based on testing of specific water conditions.

Please refer to user manual for detailed water quality information.

### Installation:

**Clearance:** Clearance: 5 cm rear and right hand sides.

**Suggested clearance for service access:** 50 cm left hand side.

### Capacity:

**Trays type:** 10 - 2/1 Gastronorm

**Max load capacity:** 100 kg

### Key Information:

#### Door hinges:

**External dimensions, Width:** 1090 mm

**External dimensions, Depth:** 971 mm

**External dimensions, Height:** 1058 mm

**Net weight:** 182 kg

**Shipping weight:** 207 kg

**Shipping volume:** 1.58 m<sup>3</sup>

### ISO Certificates

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