

# **SkyLine PremiumS** Electric Combi Oven 10GN2/1, **Green Version**

ITEM #	
MODEL #	
NAME #	
SIS #	
AIA #	



#### 229743 (ECOE102T3A1)

SkyLine PremiumS Combi Boiler Oven with touch screen control, 10x2/1GN, electric, 3 cooking modes (automatic, recipe program, manual), automatic cleaning, boiler in AISI 316, Green Version with 3-glass door

# **Short Form Specification**

## Item No.

Combi oven with high resolution full touch screen interface, multilanguage

- Built-in steam generator (in s/s 316L) with real humidity control based upon Lambda
- 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, rinseonly) 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 16 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
- 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
- Triple-glass door with double LED lights line
- Stainless steel construction throughout
- Supplied with n.1 tray rack 2/1 GN, 67 mm pitch.

## **Main Features**

- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- 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  $^{\circ}\text{C}$  300  $^{\circ}\text{C}$ ): 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 perfamily.
- 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.

#### APPROVAL:





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- 6-point multi sensor core temperature probe for maximum precision and food safety.
- Pictures upload for full customization of cooking cycles.
- Automatic fast cool down and pre-heat function.
- Different chemical options available: solid (phosphate-free), liquid (requires optional accessory).
- 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.
- 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).
- 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.
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.
- Automatic consumption visualization at the end of the cycle.
- Capacity: 10 GN 2/1 or 20 GN 1/1 trays.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory – contact the Company for more details).
- OptiFlow air distribution system to achieve maximum performance in chilling/heating eveness and temperature control thanks to a special design of the chamber.

# Construction

- Triple thermo-glazed door with 2 hinged inside panels for easy cleaning and double LED lights line.
- Seamless 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.

## Sustainability



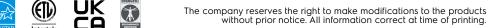
- Human centered design with 4-star certification for ergonomics and usability.
- Wing-shaped handle with ergonomic design and hands-free opening with the elbow, making managing trays simpler. Protected by registered design (EM003143551 and related family).
- Zero Waste provides chefs with useful tips 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).
- 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.
- 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).
- Energy Star 2.0 certified product.

## Optional Accessories

optional Accessories		
<ul> <li>External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens</li> </ul>	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	
<ul> <li>Wheel kit for 6 &amp; 10 GN 1/1 and 2/1 GN oven base (not for the disassembled one)</li> </ul>	PNC 922003	
<ul> <li>Pair of AISI 304 stainless steel grids, GN 1/1</li> </ul>	PNC 922017	
<ul> <li>Pair of grids for whole chicken (8 per grid - 1,2kg each), GN 1/1</li> </ul>	PNC 922036	
AISI 304 stainless steel grid, GN 1/1	PNC 922062	
<ul> <li>AISI 304 stainless steel grid, GN 2/1</li> </ul>	PNC 922076	
External side spray unit (needs to be mounted outside and includes support to be mounted on the oven)	PNC 922171	
<ul> <li>Pair of AISI 304 stainless steel grids, GN 2/1</li> </ul>	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	
<ul> <li>Baking tray with 4 edges in aluminum, 400x600x20mm</li> </ul>	PNC 922191	
<ul> <li>Pair of frying baskets</li> </ul>	PNC 922239	
<ul> <li>AISI 304 stainless steel bakery/pastry grid 400x600mm</li> </ul>	PNC 922264	
<ul> <li>Double-step door opening kit</li> </ul>	PNC 922265	
• Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1	PNC 922266	
<ul> <li>USB probe for sous-vide cooking</li> </ul>	PNC 922281	
<ul> <li>Kit universal skewer rack and 6 short skewers for Lengthwise and Crosswise ovens</li> </ul>	PNC 922325	
Universal skewer rack	PNC 922326	
6 short skewers	PNC 922328	
Multipurpose hook	PNC 922348	
4 flanged feet for 6 & 10 GN , 2",	PNC 922351	
100-130mm		_
• Grease collection tray, GN 2/1, H=60	PNC 922357	

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•	Grid for whole duck (8 per grid - 1,8kg	PNC 922362	•	<ul> <li>Condensation hood with fan for 6 &amp; 10 GN 2/1 electric oven</li> </ul>	PNC 922724	
•	each), GN 1/1 Thermal cover for 10 GN 2/1 oven and blast chiller freezer	PNC 922366	•	<ul> <li>Condensation hood with fan for stacking 6+6 or 6+10 GN 2/1 electric</li> </ul>	PNC 922726	
•	Tray support for 6 & 10 GN 2/1 disassembled open base	PNC 922384	•	• Exhaust hood with fan for 6 & 10 GN 2/1	PNC 922729	
•	Wall mounted detergent tank holder	PNC 922386		GN ovens	PNC 922731	
	USB single point probe	PNC 922390	•	<ul> <li>Exhaust hood with fan for stacking 6+6 or 6+10 GN 2/1 ovens</li> </ul>	PINC 922/31	
	IoT module for SkyLine ovens and blast chiller/freezers		•	• Exhaust hood without fan for 6&10x2/1 GN oven	PNC 922734	
	Tray rack with wheels 10 GN 2/1, 65mm pitch		•	<ul> <li>Exhaust hood without fan for stacking 6+6 or 6+10 GN 2/1 ovens</li> </ul>	PNC 922736	
•	Tray rack with wheels, 8 GN 2/1, 80mm pitch	PNC 922604	•	<ul> <li>4 high adjustable feet for 6 &amp; 10 GN ovens, 230-290mm</li> </ul>	PNC 922745	
•	Slide-in rack with handle for 6 & 10 GN 2/1 oven	PNC 922605	•	Tray for traditional static cooking, H=100mm	PNC 922746	
•	Bakery/pastry tray rack with wheels 400x600mm for 10 GN 2/1 oven and blast chiller freezer, 80mm pitch (8	PNC 922609		<ul> <li>Double-face griddle, one side ribbed and one side smooth, 400x600mm</li> <li>Trolley for grease collection kit</li> </ul>	PNC 922747 PNC 922752	<u> </u>
	runners)			<ul> <li>Trolley for grease collection kit</li> <li>Water inlet pressure reducer</li> </ul>	PNC 922752 PNC 922773	
•	Open base with tray support for 6 & 10 GN 2/1 oven	PNC 922613		Water filet pressure reducer     Kit for installation of electric power	PNC 922774	
•	Cupboard base with tray support for 6 & 10 GN 2/1 oven	PNC 922616	•	peak management system for 6 & 10 GN Oven	FINC 722774	_
•	External connection kit for liquid detergent and rinse aid	PNC 922618		<ul> <li>Extension for condensation tube, 37cm</li> <li>Non-stick universal pan, GN 1/1,</li> </ul>	PNC 922776 PNC 925000	
•	Stacking kit for 6 GN 2/1 oven placed on electric 10 GN 2/1 oven	PNC 922621		H=20mm  Non-stick universal pan, GN 1/1,	PNC 925001	
•	Trolley for slide-in rack for 10 GN 2/1 oven and blast chiller freezer	PNC 922627	•	H=40mm • Non-stick universal pan, GN 1/1,	PNC 925002	
•	Trolley for mobile rack for 6 GN $2/1$ on 6 or 10 GN $2/1$ ovens	PNC 922631	•	<ul><li>H=60mm</li><li>Double-face griddle, one side ribbed</li></ul>	PNC 925003	
•	Stainless steel drain kit for 6 & 10 GN oven, dia=50mm	PNC 922636		and one side smooth, GN 1/1  • Aluminum grill, GN 1/1	PNC 925004	
•	Plastic drain kit for 6 &10 GN oven, dia=50mm	PNC 922637		<ul> <li>Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1</li> </ul>	PNC 925005	
•	Trolley with 2 tanks for grease collection	PNC 922638		<ul> <li>Flat baking tray with 2 edges, GN 1/1</li> <li>Potato baker for 28 potatoes, GN 1/1</li> </ul>	PNC 925006 PNC 925008	
•	Grease collection kit for GN 1/1-2/1 open base (2 tanks, open/close device for drain)	PNC 922639		Compatibility kit for installation on previous base GN 2/1	PNC 930218	ā
•	Banquet rack with wheels holding 51	PNC 922650		Recommended Detergents		
	plates for 10 GN 2/1 oven and blast chiller freezer, 75mm pitch		•	and descaler in disposable tablets for	PNC 0S2394	
	Dehydration tray, GN 1/1, H=20mm	PNC 922651		Skyline ovens Professional 2in1 rinse aid		
	Flat dehydration tray, GN 1/1	PNC 922652		and descaler in disposable tablets for new generation ovens with automatic		
•	Open base for 6 & 10 GN 2/1 oven, disassembled - NO accessory can be fitted with the exception of 922384	PNC 922654		washing system. Suitable for all types of water. Packaging: 1 drum of 50 30g tablets. each		
•	Heat shield for 10 GN 2/1 oven	PNC 922664		C22 Cleaning Tab Disposable	PNC 0S2395	
•	Heat shield-stacked for ovens 6 GN 2/1 on 10 GN 2/1	PNC 922667		detergent tablets for SkyLine ovens Professional detergent for new		_
	Kit to fix oven to the wall	PNC 922687		generation ovens with automatic		
•	Tray support for 6 & 10 GN 2/1 oven base	PNC 922692		washing system. Suitable for all types of water. Packaging: 1 drum of 100 65g tablets. each		
•	4 adjustable feet with black cover for 6 & 10 GN ovens, 100-115mm	PNC 922693		tablets. each		
•	Detergent tank holder for open base	PNC 922699				
	Mesh grilling grid, GN 1/1	PNC 922713				
	Probe holder for liquids	PNC 922714				
•	Odour reduction hood with fan for 6 & 10 GN 2/1 electric ovens	PNC 922719				
•	Odour reduction hood with fan for 6+6 or 6+10 GN 2/1 electric ovens	PNC 922721				

















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### **Electric**

Supply voltage:

229743 (ECOE102T3A1) 380-415 V/3N 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.: 40.1 kW

Circuit breaker required

Water:

Water inlet connections "CWI1-

3/4" CWI2":

1-6 bar Pressure, bar min/max: Drain "D": 50mm

Max inlet water supply

30 °C temperature: Chlorides: <20 ppm >50 µS/cm Conductivity:

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: 5 cm rear and Clearance:

right hand sides.

Suggested clearance for

service access: 50 cm left hand side.

Capacity:

10 - 2/1 Gastronorm Trays type:

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: 188 kg 213 kg Shipping weight: Shipping volume: 1.58 m<sup>3</sup>

**ISO Certificates** 

ISO 9001; ISO 14001; ISO ISO Standards:

45001; ISO 50001















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