Electrolux
PROFESSIONAL

SkyLine PremiumS
Natural Gas Combi Oven 5 trays,
400x600mm Bakery

227780 (ECOG61T2GB)

SkyLine PremiumS Combi Boiler Oven with touch screen control, 5 400x600mm, gas, 3 cooking modes (automatic, recipe program, manual), automatic cleaning, for bakery/pastry, pitch 80mm

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 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 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 E1:E13 LED lights line
- Stainless steel construction throughout
- Supplied with n.1 pastry tray rack 400x600 mm, 80 mm pitch.

APPROVAL:

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 °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 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: 5 400x600mm 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
- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner glass on door for easy cleaning.
- 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 pastry tray rack 400x600 mm, 80 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).

- Reduced power function 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.

Included Accessories
• 1 of Bakery/pastry rack kit for 6 GN 1/1 oven with 5 racks 400x600mm and 80mm pitch	PNC 922655

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	❏
• Grid for whole chicken (4 per grid - 1,2kg each), GN 1/2	PNC 922086	❏
• External side spray unit (needs to be mounted outside and includes support to be mounted on the oven)	PNC 922171	❏
• 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	❏
• Grease collection tray, GN 1/1, H=100 mm	PNC 922321	❏
• Kit universal skewer rack and 4 long skewers for Lenghtwise ovens	PNC 922324	❏
• Universal skewer rack	PNC 922326	❏

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The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

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Accessory	PNC	
4 long skewers	PNC 922327	❑
Volcano Smoker for lengthwise and crosswise oven	PNC 922338	❑
Multipurpose hook	PNC 922348	❑
4 flanged feet for 6 & 10 GN , 2", 100-130mm	PNC 922351	❑
Grid for whole duck (8 per grid - 1,8kg each), GN 1/1	PNC 922362	❑
Tray support for 6 & 10 GN 1/1 disassembled open base	PNC 922382	❑
Wall mounted detergent tank holder	PNC 922386	❑
USB single point probe	PNC 922390	❑
IoT module for SkyLine ovens and blast chiller/freezers	PNC 922421	❑
Tray rack with wheels, 6 GN 1/1, 65mm pitch	PNC 922600	❑
Tray rack with wheels, 5 GN 1/1, 80mm pitch	PNC 922606	❑
Bakery/pastry tray rack with wheels 400x600mm for 6 GN 1/1 oven and blast chiller freezer, 80mm pitch (5 runners)	PNC 922607	❑
Slide-in rack with handle for 6 & 10 GN 1/1 oven	PNC 922610	❑
Open base with tray support for 6 & 10 GN 1/1 oven	PNC 922612	❑
Cupboard base with tray support for 6 & 10 GN 1/1 oven	PNC 922614	❑
Hot cupboard base with tray support for 6 & 10 GN 1/1 oven holding GN 1/1 or 400x600mm trays	PNC 922615	❑
External connection kit for liquid detergent and rinse aid	PNC 922618	❑
Grease collection kit for GN 1/1-2/1 cupboard base (trolley with 2 tanks, open/close device for drain)	PNC 922619	❑
Stacking kit for 6 GN 1/1 oven placed on gas 6 GN 1/1 oven	PNC 922622	❑
Stacking kit for 6 GN 1/1 oven placed on gas 10 GN 1/1 oven	PNC 922623	❑
Trolley for slide-in rack for 6 & 10 GN 1/1 oven and blast chiller freezer	PNC 922626	❑
Trolley for mobile rack for 2 stacked 6 GN 1/1 ovens on riser	PNC 922628	❑
Trolley for mobile rack for 6 GN 1/1 on 6 or 10 GN 1/1 ovens	PNC 922630	❑
Riser on feet for 2 6 GN 1/1 ovens or a 6 GN 1/1 oven on base	PNC 922632	❑
Riser on wheels for stacked 2x6 GN 1/1 ovens, height 250mm	PNC 922635	❑
Stainless steel drain kit for 6 & 10 GN oven, dia=50mm	PNC 922636	❑
Plastic drain kit for 6 &10 GN oven, dia=50mm	PNC 922637	❑
Grease collection kit for GN 1/1-2/1 open base (2 tanks, open/close device for drain)	PNC 922639	❑
Wall support for 6 GN 1/1 oven	PNC 922643	❑
Dehydration tray, GN 1/1, H=20mm	PNC 922651	❑
Flat dehydration tray, GN 1/1	PNC 922652	❑
Open base for 6 & 10 GN 1/1 oven, disassembled - NO accessory can be fitted with the exception of 922382	PNC 922653	❑
Bakery/pastry rack kit for 6 GN 1/1 oven with 5 racks 400x600mm and 80mm pitch	PNC 922655	❑
Stacking kit for 6 GN 1/1 combi oven on 15&25kg blast chiller/freezer crosswise	PNC 922657	❑
Heat shield for stacked ovens 6 GN 1/1 on 6 GN 1/1	PNC 922660	❑
Heat shield for stacked ovens 6 GN 1/1 on 10 GN 1/1	PNC 922661	❑
Heat shield for 6 GN 1/1 oven	PNC 922662	❑
Kit to convert from natural gas to LPG	PNC 922670	❑
Kit to convert from LPG to natural gas	PNC 922671	❑
Flue condenser for gas oven	PNC 922678	❑
Fixed tray rack for 6 GN 1/1 and 400x600mm grids	PNC 922684	❑
Kit to fix oven to the wall	PNC 922687	❑
Tray support for 6 & 10 GN 1/1 oven base	PNC 922690	❑
4 adjustable feet with black cover for 6 & 10 GN ovens, 100-115mm	PNC 922693	❑
Detergent tank holder for open base	PNC 922699	❑
Bakery/pastry runners 400x600mm for 6 & 10 GN 1/1 oven base	PNC 922702	❑
Wheels for stacked ovens	PNC 922704	❑
Chimney adaptor needed in case of conversion of 6 GN 1/1 or 6 GN 2/1 ovens from natural gas to LPG	PNC 922706	❑
Mesh grilling grid, GN 1/1	PNC 922713	❑
Probe holder for liquids	PNC 922714	❑
Exhaust hood with fan for 6 & 10 GN 1/1 ovens	PNC 922728	❑
Exhaust hood with fan for stacking 6+6 or 6+10 GN 1/1 ovens	PNC 922732	❑
Exhaust hood without fan for 6&10 1/1GN ovens	PNC 922733	❑
Exhaust hood without fan for stacking 6+6 or 6+10 GN 1/1 ovens	PNC 922737	❑
Fixed tray rack, 5 GN 1/1, 85mm pitch	PNC 922740	❑
4 high adjustable feet for 6 & 10 GN ovens, 230-290mm	PNC 922745	❑
Tray for traditional static cooking, H=100mm	PNC 922746	❑
Double-face griddle, one side ribbed and one side smooth, 400x600mm	PNC 922747	❑
Trolley for grease collection kit	PNC 922752	❑
Water inlet pressure reducer	PNC 922773	❑
Extension for condensation tube, 37cm	PNC 922776	❑
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	❑

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- 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 ❑
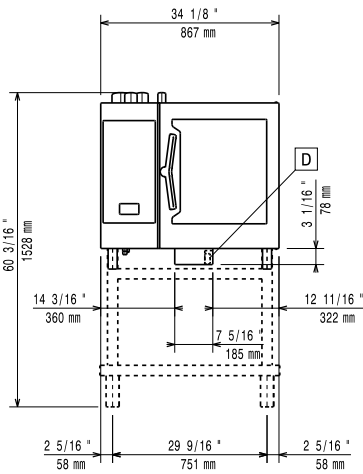- Compatibility kit for installation on previous base GN 1/1 — PNC 930217 ❑

Recommended Detergents

- 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 0S2394 ❑
- 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 0S2395 ❑
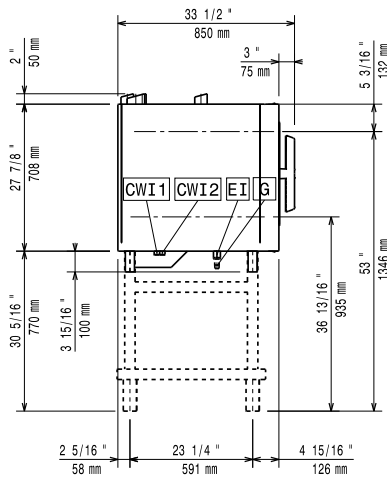
Front

34 1/8 " / 867 mm

D

60 3/16 " / 1528 mm

3 1/16 " / 78 mm

14 3/16 " / 360 mm

12 11/16 " / 322 mm

7 5/16 " / 185 mm

2 5/16 " / 58 mm

29 9/16 " / 751 mm

2 5/16 " / 58 mm

Side

33 1/2 " / 850 mm

2 " / 50 mm

3 " / 75 mm

5 3/16 " / 132 mm

27 7/8 " / 708 mm

CWI1 CWI2 EI G

53 " / 1346 mm

36 13/16 " / 935 mm

30 5/16 " / 770 mm

3 15/16 " / 100 mm

2 5/16 " / 58 mm

23 1/4 " / 591 mm

4 15/16 " / 126 mm

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

Top

20 15/16 " / 532 mm

4 15/16 " / 125 mm

2 3/16 " / 55 mm

D

1 15/16 " / 50 mm

4 13/16 " / 123 mm

7 3/8 " / 188 mm

8 7/16 " / 214 mm

18 3/4 " / 477 mm

51 15/16 " / 1319 mm

CWI1

CWI2

EI

1 15/16 " / 50 mm

1 15/16 " / 50 mm

2 9/16 " / 65 mm

4 5/8 " / 117 mm

G
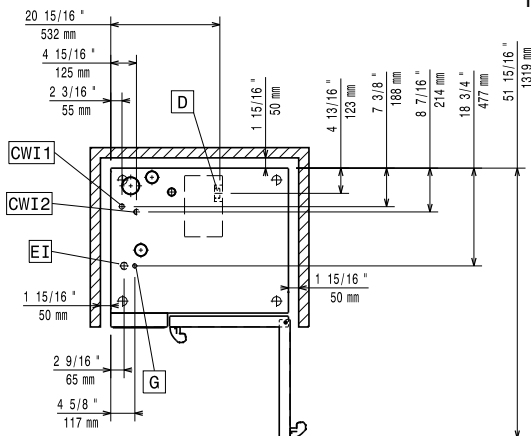
Electric

Supply voltage:

227780 (ECOG61T2GB) 220-240 V/1 ph/50 Hz

Electrical power, default: 1.1 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.: 1.1 kW

Circuit breaker required

Gas

Gas Power: 19 kW

Standard gas delivery: Natural Gas G20

ISO 7/1 gas connection diameter: 1/2" MNPT

Total thermal load: 64771 BTU (19 kW)

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: 0 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: 5 - 400x600

Max load capacity: 30 kg

Key Information:

Door hinges:

External dimensions, Width: 867 mm

External dimensions, Depth: 775 mm

External dimensions, Height: 808 mm

Net weight: 138 kg

Shipping weight: 155 kg

Shipping volume: 0.89 m³

ISO Certificates

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

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