## SkyLine Premium
# COMBI OVEN 20 GN 1/1 - ELECTRIC - BOILER AISI 316L - 3-GLASS - AUS

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



**227816 (ECOE201B3S30)**     SkyLine Premium Combi Boiler Oven with digital control, 20x1/1GN, electric, programmable, automatic cleaning, boiler AISI 316L, 3-glass door - Australia

## Short Form Specification

### Item No. _____

Combi oven with digital interface with guided selection.

- Built-in steam generator (in s/s 316L) with real humidity control based upon Lambda Sensor.
- OptiFlow air distribution system to achieve maximum performance with 5 fan speed levels.
- SkyClean: Automatic and built-in self cleaning system with integrated descale of the steam generator. metterei 4 automatic cycles (short, medium, intensive, rinse) .
- Cooking modes: Programs (a maximum of 100 recipes can be stored); Manual (steam, combi and convection cycles); EcoDelta cooking cycle; Regeneration cycle.
- Automatic backup mode to avoid downtime.
- USB port to download HACCP data, programs and settings
- Connectivity for real time access, HACCP, recipe and energy management (optional)
- Single sensor core temperature probe.
- Triple-glass door with double LED lights line.
- Stainless steel construction throughout.
- Supplied with n.1 trolley rack 1/1 GN, 63 mm pitch.
- Adjustable levelling feet.

## 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 (101 °C - 130 °C).
- EcoDelta cooking: cooking with food probe maintaining preset temperature difference between the core of the food and the cooking chamber.
- Pre-set program for Regeneration, ideal for banqueting on plate or rethermalizing on tray.
- Programs mode: a maximum of 100 recipes can be stored in the oven's memory, to recreate the exact same recipe at any time. 4-step cooking programs also available.
- Fan with 5 speed levels from 300 to 1500 RPM and reverse rotation for optimal evenness. Fan stops in less than 5 seconds when door is opened.
- Single sensor core temperature probe included.
- Automatic fast cool down and pre-heat function.
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.
- OptiFlow air distribution system to achieve maximum performance in chilling/heating eveness and temperature control thanks to a special design of the chamber.
- Short cleaning cycle: optimized cleaning cycle with a duration of just 33 minutes, improving efficiency and reducing downtime.
- SkyClean: Automatic and built-in self cleaning system with 4 automatic cycles (short, medium, intensive, rinse) and integrated descale of the steam generator.
- GreaseOut: integrated grease drain and collection kit (to use the kit, the oven must be ordered as special code).
- Electrolux Professional recommends the use of treated water to guarantee optimal cooking results and extend the life of the appliance. Check local water condition to select the appropriate water filter. More info available on the website.
- 6-point multi sensor core temperature probe for maximum precision and food safety (optional accessory).

## Construction

- Hygienic internal chamber with all rounded corners for easy cleaning.
- 304 AISI stainless steel construction throughout.

APPROVAL: _____

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- Front access to control board for easy service.
- IPX5 spray water protection certification for easy cleaning.
- Triple thermo-glazed door with 2 hinged inside panels for easy cleaning and double LED lights line.
- Boiler in 316L AISI to protect against corrosion.

## User Interface & Data Management

- Digital interface with LED backlight buttons with guided selection.
- USB port to download HACCP data, share cooking programs and configurations. USB port also allows to plug-in sous-vide probe (optional accessory).
- Connectivity for remote real time access, easy HACCP management, equipment uptime increase, consumption tracking and energy management (requires optional accessory).

## 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.
- The outer cardboard packaging is made from 70% recycled materials and FSC*-certified paper, printed with eco-friendly, water-based ink to support sustainability and environmental responsibility.

  <i>(*Forest Stewardship Council is the world's leading organization for sustainable forest management).</i>
- Triple-glass door minimize your energy loss.*

  *<i>Approx. -10% of idle energy consumption in convection based on test in compliance with ASTM Standard F2861-20</i>
- Uses 33% less water, 43% less detergent and 25% less energy with the new washing cycles.*

  *Based on Internal test done in Electrolux Professional Laboratory comparing actual SkyLine 20 GN1/1 electric combi oven with boiler
- Save energy, water, detergent and rinse aid with SkyClean green functions.
- C22 and C25 detergents are formulated without phosphates and phosphorus (C25 is also maleic acid-free), making them safe for both the environment and human health.
- Energy Star 2.0 certified product.

## Included Accessories

- 1 of Trolley with tray rack, 20 GN 1/1, 63mm pitch — PNC 922753

## Optional Accessories

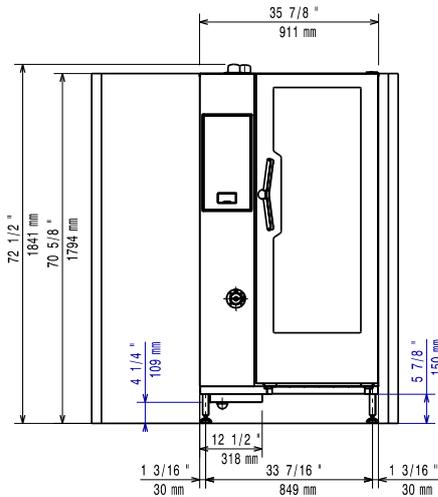| | | |
|---|---|---|
| External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens | PNC 864388 | ❑ |
| Water softener with cartridge STEAM 1200 | PNC 920003 | ❑ |
| WATER FILTER WITH CARTRIDGE AND FLOW METER FOR MEDIUM STEAM USAGE | PNC 920005 | ❑ |
| Pair of 1/1 GN AISI 304 grids | PNC 922017 | ❑ |
| Couple of grids for whole chicken 1/1GN (8 per grid) | PNC 922036 | ❑ |
| ONE 1/1GN AISI 304 GRID FOR AOS OVEN USA | PNC 922062 | ❑ |
| Grid for whole chicken 1/2GN (4 per grid - 1,2kg each) | PNC 922086 | ❑ |
| Side external spray unit (needs to be mounted outside and includes support for mounting to oven) | PNC 922171 | ❑ |
| Baking tray with 5 rows (baguette), perforated aluminium with silicon coating (400x600x38) | PNC 922189 | ❑ |
| Baking tray with 4 edges, perforated aluminium (400x600x20) | PNC 922190 | ❑ |
| Baking tray with 4 edges, aluminium (400x600x20) | PNC 922191 | ❑ |
| 2 frying baskets for ovens | PNC 922239 | ❑ |
| Pastry grid, 400x600mm, AISI 304 stainless steel | PNC 922264 | ❑ |
| Grid for whole chicken 1/1GN (8 per grid - 1,2kg each) | PNC 922266 | ❑ |
| Fat collection tray 100 mm | PNC 922321 | ❑ |
| Kit universal skewer rack and 4 long skewers for Lenghtwise ovens | PNC 922324 | ❑ |
| Universal skewer rack | PNC 922326 | ❑ |
| 4 long skewers | PNC 922327 | ❑ |
| Fat collection tray 40 mm | PNC 922329 | ❑ |
| Smoker for lengthwise and crosswise ovens - 4 kinds of smoker wood chips are available on request | PNC 922338 | ❑ |
| Multipurpose hook | PNC 922348 | ❑ |
| Grid for whole duck (8 per grid - 1,8kg each), GN 1/1 | PNC 922362 | ❑ |
| Thermal cover for 20 GN 1/1 oven and blast chiller freezer | PNC 922365 | ❑ |
| Wall mounted detergent tank holder | PNC 922386 | ❑ |
| USB single point probe | PNC 922390 | ❑ |
| IOT MODULE FOR COMBI OVENS, BLAST CHILLER/FREEZERS AND RACK TYPE DW (FOR ONE CONNECTED AND SKYDUO/MATCH) | PNC 922421 | ❑ |
| CONNECTIVITY ROUTER (WiFi & LAN) | PNC 922435 | ❑ |
| ELEVATING KIT WITH TROLLEY HEIGHT EXTENSION FOR 20GN1/1 OVEN | PNC 922446 | ❑ |
| External connection kit for liquid detergent and rinse aid | PNC 922618 | ❑ |
| Dehydration tray, GN 1/1, H=20mm | PNC 922651 | ❑ |
| Flat dehydration tray, GN 1/1 | PNC 922652 | ❑ |
| Heat shield for 20 GN 1/1 oven | PNC 922659 | ❑ |
| Trolley with tray rack, 15 GN 1/1, 84mm pitch | PNC 922683 | ❑ |
| Kit to fix oven to the wall | PNC 922687 | ❑ |
| 4 flanged feet for 20 GN , 2", 100-130mm | PNC 922707 | ❑ |
| Mesh grilling grid, GN 1/1 | PNC 922713 | ❑ |
| Probe holder for liquids | PNC 922714 | ❑ |
| Levelling entry ramp for 20 GN 1/1 oven | PNC 922715 | ❑ |
| Condensation hood with fan for 20 GN 1/1 electric oven | PNC 922725 | ❑ |
| Exhaust hood with fan for 20 GN 1/1 oven | PNC 922730 | ❑ |
| Exhaust hood without fan for 20 1/1GN oven | PNC 922735 | ❑ |

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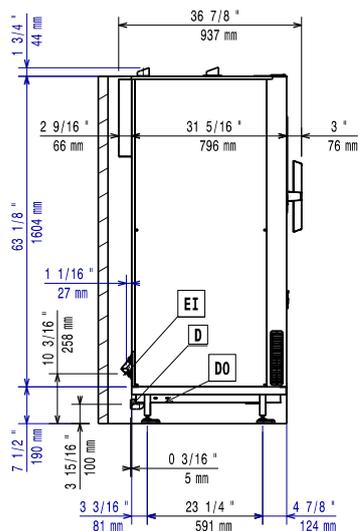
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- Stainless steel drain kit for 20 GN oven, dia=50mm — PNC 922738 ❑
- Plastic drain kit for 20 GN oven, dia=50mm — PNC 922739 ❑
- Holder for trolley handle (when trolley is in the oven) for 20 GN oven — PNC 922743 ❑
- Tray for traditional static cooking, H=100mm — PNC 922746 ❑
- Double-face griddle, one side ribbed and one side smooth, 400x600mm — PNC 922747 ❑
- Hood Hopper to directly connect the Hood to the centralized ventilation system, for Standard Hoods (with fan motor) and Hoods without fan motor — PNC 922751 ❑
- Trolley with tray rack, 20 GN 1/1, 63mm pitch — PNC 922753 ❑
- Trolley with tray rack, 16 GN 1/1, 80mm pitch — PNC 922754 ❑
- Banquet trolley with rack holding 54 plates for 20 GN 1/1 oven and blast chiller freezer, 74mm pitch — PNC 922756 ❑
- Bakery/pastry trolley with rack holding 600x400mm grids for 20 GN 1/1 oven and blast chiller freezer, 80mm pitch (16 runners) — PNC 922761 ❑
- Banquet trolley with rack holding 45 plates for 20 GN 1/1 oven and blast chiller freezer, 90mm pitch — PNC 922763 ❑
- Kit compatibility for aos/easyline trolley (produced till 2019) with SkyLine/ Magistar 20 GN 1/1 combi oven — PNC 922769 ❑
- Kit compatibility for aos/easyline 20 GN oven with SkyLine/Magistar trolleys — PNC 922771 ❑
- Water inlet pressure reducer — PNC 922773 ❑
- Extension for condensation tube, 37cm — PNC 922776 ❑
- Kit for installation of electric power peak management system for 20 GN Oven — PNC 922778 ❑
- Non-stick universal pan 1/1GN H=40mm — PNC 925001 ❑
- Non-stick universal pan 1/1GN H=60mm — PNC 925002 ❑
- Frying griddle GN 1/1 for ovens — PNC 925003 ❑
- Aluminium oven 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 GN 1/1 for 28 potatoes — 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 pan 1/1 GN, H=20mm — PNC 925012 ❑
- Kit of 6 non-stick universal pan 1/1 GN, H=40mm — PNC 925013 ❑
- Kit of 6 non-stick universal pan 1/1 GN, H=60mm — PNC 925014 ❑
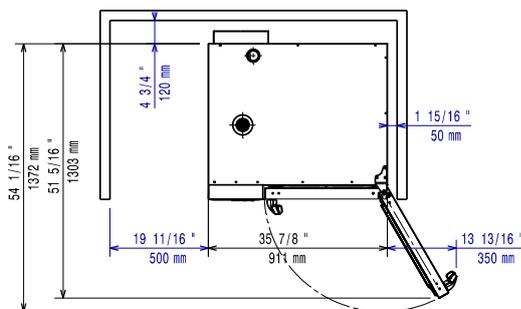
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**Front**

**Side**

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

**Top**

## Electric

| | |
|---|---|
| **Circuit breaker required** | |
| **Supply voltage:** | 400-430 V/3N ph/50-60 Hz |
| **Electrical power max.:** | 39.3 kW |
| **Electrical power, default:** | 37.7 kW |

## Water:

| | |
|---|---|
| **Max inlet water supply temperature:** | 30 °C |
| **Water inlet "FCW" connection:** | 3/4" |
| **Pressure, bar min/max:** | 1-6 bar |
| **Chlorides:** | <85 ppm |
| **Conductivity:** | >50 µS/cm |
| **Drain "D":** | 50mm |

**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:

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|---|---|
| **Clearance:** | Clearance: 5 cm rear and right hand sides. |
| **Suggested clearance for service access:** | 50 cm left hand side. |

## Capacity:

| | |
|---|---|
| **GN:** | 20 (GN 1/1) |
| **Max load capacity:** | 100 kg |

## Key Information:

| | |
|---|---|
| **Door hinges:** | Right Side |
| **External dimensions, Width:** | 911 mm |
| **External dimensions, Depth:** | 864 mm |
| **External dimensions, Height:** | 1794 mm |
| **Weight:** | 305.5 kg |
| **Net weight:** | 272.5 kg |
| **Shipping weight:** | 305.5 kg |
| **Shipping volume:** | 1.83 m³ |

## ISO Certificates

| | |
|---|---|
| **ISO Standards:** | 04 |

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