

## SkyLine Premium Electric Combi Oven 20GN1/1, Marine

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

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

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

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

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


**227828 (ECOE201B3E30)**

SkyLine Premium Combi Boiler Oven with digital control, 20x1/1GN, electric, programmable, automatic cleaning, boiler in AISI 316L, 3-glass door - Marine 400V

**227836 (ECOE201B3D30)**

SkyLine Premium Combi Boiler Oven with digital control, 20x1/1GN, electric, programmable, automatic cleaning, boiler in AISI 316L, 3-glass door - Marine 440V

### 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.
- 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.
- Short cleaning cycle: optimized cleaning cycle with a duration of just 33 minutes, improving efficiency and reducing downtime.
- 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).
- SkyClean: Automatic and built-in self cleaning system with 4 automatic cycles (short, medium, intensive, rinse) and integrated descale of the steam generator.
- 6-point multi sensor core temperature probe for maximum precision and food safety (optional accessory).
- 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.
- OptiFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber.
- 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.
- 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.

### Construction

- Triple thermo-glazed door with 2 hinged inside panels for easy cleaning and double LED lights line.
- Hygienic internal chamber with all rounded corners for easy cleaning.

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

- Boiler in 316L AISI to protect against corrosion.
- 304 AISI stainless steel construction throughout.
- Front access to control board for easy service.
- IPX5 spray water protection certification for easy cleaning.

### User Interface & Data Management

- Connectivity for remote real time access, easy HACCP management, equipment uptime increase, consumption tracking and energy management (requires optional accessory).
- 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).

### 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).
- Energy Star 2.0 certified product.
- 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.

(\*Forest Stewardship Council is the world's leading organization for sustainable forest management).

- Triple-glass door minimize your energy loss.\*

\*Approx. -10% of idle energy consumption in convection based on test in compliance with ASTM Standard F2861-20

- 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 vs the previous version.

- 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.
- Reduced powerfunction for customized slow cooking cycles.

### Included Accessories

- 1 of 4 flanged feet for 20 GN , 2", 100-130mm PNC 922707
- 1 of Trolley with tray rack, 20 GN 1/1, 63mm pitch PNC 922753
- 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 filter with cartridge and flow meter for high steam usage (combi used mainly in steaming mode) PNC 920003 ☐
- Water filter with cartridge and flow meter for medium steam usage PNC 920005 ☐

- 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 ☐
- Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1 PNC 922266 ☐
- 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 ☐
- 4 long skewers PNC 922327 ☐
- Grease collection tray, GN 1/1, H=40 mm PNC 922329 ☐
- Volcano Smoker for lengthwise and crosswise oven 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 OnE Connected (Combi Ovens, Blast chiller/freezers, Rack Type DW) and SkyDuo (one IoT board per appliance - to connect oven to blast chiller for Cook&Chill process). PNC 922421 ☐
- Wall sealing kit for electric oven 20 GN 1/1 - Marine PNC 922428 ☐
- Connectivity router (WiFi and LAN) PNC 922435 ☐
- Elevating kit with trolley height extension for 20 GN 1/1 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	<input type="checkbox"/>	• Kit of 6 non-stick universal pans, GN 1/1, PNC 925012 H=20mm	<input type="checkbox"/>
• Exhaust hood with fan for 20 GN 1/1 oven	PNC 922730	<input type="checkbox"/>	• Kit of 6 non-stick universal pans, GN 1/1, PNC 925013 H=40mm	<input type="checkbox"/>
• Exhaust hood without fan for 20 1/1GN oven	PNC 922735	<input type="checkbox"/>	• Kit of 6 non-stick universal pan GN 1/1, PNC 925014 H=60mm	<input type="checkbox"/>
• Stainless steel drain kit for 20 GN oven, dia=50mm	PNC 922738	<input type="checkbox"/>	<b>Recommended Detergents</b>	
• Plastic drain kit for 20 GN oven, dia=50mm	PNC 922739	<input type="checkbox"/>	• C25 Rinse & Descale Tabs, phosphate-free, phosphorous-free, maleic acid-free, 50 tabs bucket	PNC 0S2394 <input type="checkbox"/>
• Holder for trolley handle (when trolley is in the oven) for 20 GN oven	PNC 922743	<input type="checkbox"/>	• C22 Cleaning Tabs, phosphate-free, phosphorous-free, 100 bags bucket	PNC 0S2395 <input type="checkbox"/>
• Tray for traditional static cooking, H=100mm	PNC 922746	<input type="checkbox"/>		
• Double-face griddle, one side ribbed and one side smooth, 400x600mm	PNC 922747	<input type="checkbox"/>		
• 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	<input type="checkbox"/>		
• Trolley with tray rack, 20 GN 1/1, 63mm pitch	PNC 922753	<input type="checkbox"/>		
• Trolley with tray rack, 16 GN 1/1, 80mm pitch	PNC 922754	<input type="checkbox"/>		
• Banquet trolley with rack holding 54 plates for 20 GN 1/1 oven and blast chiller freezer, 74mm pitch	PNC 922756	<input type="checkbox"/>		
• Bakery/pastry trolley with rack holding 600x400mm grids for 20 GN 1/1 oven and blast chiller freezer, 80mm pitch (16 runners)	PNC 922761	<input type="checkbox"/>		
• Banquet trolley with rack holding 45 plates for 20 GN 1/1 oven and blast chiller freezer, 90mm pitch	PNC 922763	<input type="checkbox"/>		
• Kit compatibility for aos/easyline trolley (produced till 2019) with SkyLine/Magistar 20 GN 1/1 combi oven	PNC 922769	<input type="checkbox"/>		
• Kit compatibility for aos/easyline 20 GN oven with SkyLine/Magistar trolleys	PNC 922771	<input type="checkbox"/>		
• Water inlet pressure reducer	PNC 922773	<input type="checkbox"/>		
• Door stopper for 6 & 10 GN Oven - Marine	PNC 922775	<input type="checkbox"/>		
• Extension for condensation tube, 37cm	PNC 922776	<input type="checkbox"/>		
• Kit for installation of electric power peak management system for 20 GN Oven	PNC 922778	<input type="checkbox"/>		
• Non-stick universal pan, GN 1/1, H=40mm	PNC 925001	<input type="checkbox"/>		
• Non-stick universal pan, GN 1/1, H=60mm	PNC 925002	<input type="checkbox"/>		
• Double-face griddle, one side ribbed and one side smooth, GN 1/1	PNC 925003	<input type="checkbox"/>		
• Aluminum grill, GN 1/1	PNC 925004	<input type="checkbox"/>		
• Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1	PNC 925005	<input type="checkbox"/>		
• Flat baking tray with 2 edges, GN 1/1	PNC 925006	<input type="checkbox"/>		
• Baking tray for 4 baguettes, GN 1/1	PNC 925007	<input type="checkbox"/>		
• Potato baker for 28 potatoes, GN 1/1	PNC 925008	<input type="checkbox"/>		
• Non-stick universal pan, GN 1/2, H=20mm	PNC 925009	<input type="checkbox"/>		
• Non-stick universal pan, GN 1/2, H=40mm	PNC 925010	<input type="checkbox"/>		
• Non-stick universal pan, GN 1/2, H=60mm	PNC 925011	<input type="checkbox"/>		

**Electric**
**Supply voltage:**

227828 (ECO201B3E30)	380-415 V/3 ph/50-60 Hz
227836 (ECO201B3D30)	440 V/3 ph/50-60 Hz

**Electrical power, max:**

227828 (ECO201B3E30)	40.4 kW
227836 (ECO201B3D30)	39.3 kW

**Electrical power, default:** 37.7 kW

**Water:**
**Inlet water temperature, max:** 30 °C

**Inlet water pipe size (CW11, CW12):** 3/4"

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

**Chlorides:** <85 ppm

**Conductivity:** >50 µS/cm

**Drain "D":** 50mm

**Capacity:**
**Trays type:** 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:** 298 kg

**Net weight:** 265 kg

**Shipping weight:** 298 kg

**Shipping volume:** 1.83 m<sup>3</sup>
**ISO Certificates**
**ISO Standards:** ISO 9001; ISO 14001; ISO 45001; ISO 50001

