



# Electrolux

## air-o-steam air-o-steam TOUCHLINE Natural Gas Combi Oven 101

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

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

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

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

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



air-o-steam

air-o-steam TOUCHLINE Natural Gas Combi  
Oven 101

267752 (AOS101GTP1)

GAS COMBI OVEN  
(TOUCH)10 GN 1/1-120V-US

### Short Form Specification

#### Item No. \_\_\_\_\_

Unit to be Electrolux air-o-steam® Combi TOUCHLINE Oven. The air-o-steam® features three cooking modes - Automatic, Programs and Manual. Large touch-screen display for both set and actual values of humidity and temperature in cooking chamber during cooking. Three automatic modes: Low Temperature Cooking cycle (LTC), reheating cycle and proofing cycle. Traditional cooking modes - steam (max. 266 °F - 130°C), hot convected air (max. 572 °F - 300°C) and combi-mode (max. 482°F - 250°C). Each cooking mode operates under Lambda-sensor driven air-o-clima™: automatic and constant real humidity control. 6-point multi-sensor for core temperature controlled cooking cycles. All 304 stainless-steel construction, seamless hygienic cooking chamber with all rounded corners. Double thermo-glazed door with open frame construction for cool outside door panel. Halogen cooking chamber lighting. IPX-5 spray water protection certification. Retractable spray hose included as standard. USB connection. air-o-clean™, automatic and built-in self-cleaning system. Food Safe control to automatically monitor and validate the cooking process according to HACCP standards. HACCP management available

upon request. Green functions to save energy, water and rinse aid. Half day chef training included. Covered by Electrolux Platinum Star® Service Program two-year parts and one-year labor warranty, installation start-up and performance checkup after one year from installation.

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

Electrolux Professional, Inc.

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Gas Combi Oven 101**

**Main Features**

- Manual mode: traditional cooking style by manually selecting the parameters. Traditional cooking cycles available:
  - Dry, hot convection cycle (max. 212 °F / max 300 °C): ideal for low humidity cooking such as dehydration, baking and grilling.
  - Low temperature steam cycle (max. 212 °F / 100 °C): ideal for sous-vide (vacuum packed), rethermalization and delicate steam cooking.
  - Steam cycle (212 °F/100 °C): ideal for traditionally steaming products such as seafood and vegetables.
  - High temperature steam (max. 266 °F / max. 130 °C): ideal for steaming frozen products and vegetables.
  - Combination cycle (max. 482 °F / max. 250 °C): combines convected heat and steam to obtain a humidity controlled cooking environment, accelerating the cooking process, while guaranteeing perfect textures and reducing weight loss.  
Possible to set up to 16-phases (steps).
- Programs mode: a maximum of 1000 recipes can be stored in the oven's memory, to replicate the same results at any time. The recipes can be grouped in up to 16 different categories to help organize the menu. Possible to save programs with up to 16-phases (steps) each.
- Automatic mode: choosing family and food type, the oven automatically selects the appropriate cooking climate, temperature and time. A maximum of 60 personalised presets per family can be saved. Three special automatic cycles available:
  - Low Temperature Cooking cycle (LTC) to minimize weight loss, maximizing food quality for large pieces of meat.
  - Reheating cycle: efficient humidity management to quickly reheat.
  - Proofing cycle: uses the air-o-clima function to create the perfect proofing conditions.
- MultiTimer function to manage a sequence of up to 14 different cooking cycles, improving flexibility and ensuring excellent cooking results. Can be saved up to 70 MultiTimers Programs.
- air-o-clima™ PATENTED: Lambda sensor controlled, automatic humidity adjustment of cooking environment based on settings for perfect textures and repeatability.
- air-o-flow: fresh air from the outside is directed to the bi-functional fan, becomes pre-heated and then pushed into the cooking chamber to guarantee an even cooking process.
- Exhaust valve electronically controlled to extract humidity in excess for extra crispy results.
- Fan speeds: full, half speed and pulse. Full speed active as default. Half speed ideal for delicate cooking such as baking. Pulse ideal for low weight loss and for keeping food warm at the end of the cooking cycle.
- Hold function for keeping food warm at the end of a cycle.
- Automatic and manual rapid cooling activation when going from a higher to a lower cavity temperature.
- 6-point multi sensor core temperature probe for maximum precision and food safety.
- USB connection: to download HACCP and FSC data, upload the recipes and interface setting.
- Sous-vide USB probe to ensure excellent cooking results even with vacuum-packed products (optional accessory).
- Make-it-mine feature to allow user to personalize all user main interfaces in the "Setting" mode and block editing and deleting of stored programs.
- air-o-clean™ automatic and built-in self cleaning system (4 automatic) with "Green" functions to save energy, water and rinse aid.

- Guided descaling function to guide operator during boiler descaling phase (from "Setting" mode).
- Supplied with n.1 tray rack, 2 1/2" 65mm pitch.
- Electrolux Platinum Star® Service package included:
  - 2-year parts, 1-year labor warranty
  - Start-up installation check
  - Equipment check-up after 12 months from installation
- ETL safety approved, complies with UL 197 and CSA 22.2 listings.
- ETL sanitation approved, complies with NSF/ANSI 2 listing.
- Gas burner is certified by Gastec for high efficiency and low emissions.

**Construction**

- IPX 5 spray water protection certification for easy cleaning.
- 304 AISI stainless steel construction throughout.
- Seamless hygienic cooking chamber with all rounded corners for easy cleaning.
- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner glass on door for easy cleaning.
- Swing hinged front panel for easy service access to main components.

**Included Accessories**

- 5 of Single 304 stainless steel grid (12 "x20") PNC 922062

**Optional Accessories**

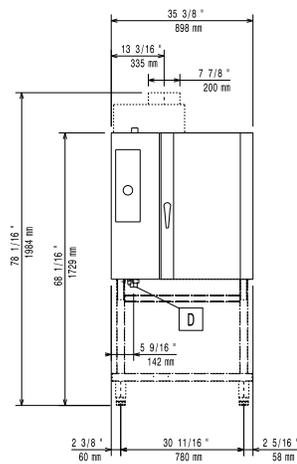
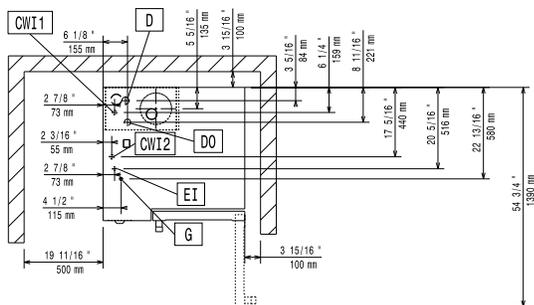
- Flue condenser for hood for 6 GN 1/1 and 10 GN 1/1 gas ovens. The flue condenser is mandatory on installations with ventilation hoods (640791 - 640792) PNC 640413
- Exhaust hood without fan for 6&10 1/1GN ovens. It is mandatory to use the flue condenser (640413) on installation with gas ovens PNC 640791
- Exhaust hood with fan for 6&10x1/1 GN ovens. It is mandatory to use the flue condenser (640413) on installation with gas ovens PNC 640792
- Water softener with cartridge C500 for 6 1/1 and 10 1/1 ovens (low-medium steam usage - less than 2hrs per day full steam) PNC 920002
- Water softener with cartridge STEAM 1200 PNC 920003
- Automatic water softener for ovens PNC 921305
- Resin sanitizer for water softener PNC 921306
- Caster kit for base for 61, 62, 101 and 102 oven bases PNC 922003
- Trolley for rack cassette for 61 and 101 oven PNC 922004
- 10 rack cassette for 101 oven (standard pitch) PNC 922006
- 8 rack cassette for 101 oven (increased pitch) PNC 922009
- (4) Adjustable feet for countertop models 61, 62, 101 & 102 ovens-adjustable height: 5-15/16" - 7-7/8" (150-200mm) PNC 922012
- Thermal blanket for 101 oven (trolley not included) PNC 922013
- 30 plate rack for 101 oven (plate diameter up to 12 1/4") (trolley not included) PNC 922015
- Pair of half size oven racks, type 304 stainless steel PNC 922017
- Tray support, for 61 and 101 oven bases PNC 922021



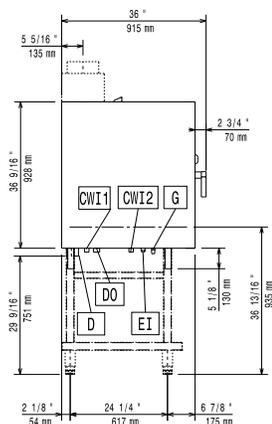
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- Chicken Racks, pair (2) (fits 8 chickens per rack) PNC 922036
- Pastry Rack (400mm x 600mm) for 10 Hotel or Steam pans air-o-system PNC 922066
- 23 plate rack for 101 oven (plate diameter up to 12 1/4") (trolley not included) PNC 922071
- Wheels and Hinges kit for 6 and 10 oven PNC 922073
- Slide-in rack support with handle for 61 and 101 oven PNC 922074
- Stainless steel 304 grids (GN 1/2) with spikes, fits 4 chickens PNC 922086
- Tray Rack with (11) guides for 101 oven PNC 922099
- Kit to connect external rinse aid & detergent tank (61, 62, 101 and 102 ovens) PNC 922169
- External side spray unit PNC 922171
- Fat Filter, for 101 and 102 oven PNC 922178
- Baguette tray, made of perforated aluminum, silicon coated, 16" x 24" (400 x 600mm) PNC 922189
- Perforated baking tray, made of perforated aluminum, 16" x 24" (400 x 600mm) PNC 922190
- Baking tray, made of aluminium 16" x 24" (400 x 600 mm) PNC 922191
- Open base with rack guides, for 61 and 101 oven PNC 922195
- Basket for hanging detergent tank on open bases PNC 922212
- Flue condensor for gas ovens PNC 922235
- Pair of frying baskets PNC 922239
- Heat Shield, for 61 on top of 101 oven stacking kit PNC 922245
- Control Panel Filter, for 61 and 101 oven PNC 922246
- Heat Shield, for 101 oven PNC 922251
- Double-click closing catch for oven door PNC 922265
- Grid for whole chicken 1/IGN (8 per grid - 1,2kg each) PNC 922266
- Electronic Board for HACCP through PC Network, for air-o-steam and air-o-convect Ovens PNC 922275
- Kit to convert from natural gas to LPG PNC 922277
- USB Probe for Sous-Vide Cooking (only for Touchline ovens) PNC 922281
- Drain Kit, T-Shape 2"diameter (50mm) PNC 922283
- Bakery Tray Support to be installed on 61 & 101 bases- Bakery Trays are 15.75" x 24" (400mm x 600mm) PNC 922286
- Grease collection kit (Tray and Trolley) PNC 922287
- Baking Tray holds (4) baguettes PNC 922288
- Egg Frying Pan fits 8 eggs PNC 922290
- Kit Bakery Rack for 101 Ovens PNC 922292
- Conversion Kit, from Natural Gas to LP, for 101 oven PNC 922295
- Flat Baking Tray (12" x 20") PNC 922299
- Potato Baker for 28 Potatoes (12" x 20") PNC 922300
- Stacking kit: 61 on 61 or 61 on 101 gas oven PNC 922318
- Kit flaged feet PNC 922320
- Fat collection tray PNC 922321
- Trolley for bottom oven on stacked solution for 61 & 101 ovens PNC 922323
- Universal Skewer pan for ovens (TANDOOR) PNC 922326
- Skewers for ovens, (4) 24" long (TANDOOR) PNC 922327
- Fat collection tray for ovens (1.5") PNC 922329
- (NPT) Adaptor, 1-1/4 gas for ovens PNC 922332
- Casters for stacked ovens 61 on 61 on and 61 on 101 PNC 922333
- Smoker for ovens PNC 922338
- Chimney adaptor PNC 922346
- Kit check valve PNC 922347
- Multipurpose hook PNC 922348
- Flat baking tray with 2 edges 12" x 20" (300 x 500mm) PNC 925006

**Front**

**Top**


- CWI1** = Cold Water inlet      **EI** = Electrical connection  
**CWI2** = Cold Water Inlet 2      **G** = Gas connection  
**D** = Drain  
**DO** = Overflow drain pipe

**Side**

**Electric**

<b>Supply voltage:</b>	<b>267752 (AOS101GTP1)</b>	120 V/1 ph/60 Hz
<b>Amps:</b>		4.2 A
Circuit breaker required		

**Gas**

<b>Gas Power:</b>	136607 Btu/hr (40 kW)
<b>ISO 7/1 gas connection diameter:</b>	1/2" MNPT
<b>Natural gas:</b>	
<b>Steam generator:</b>	23 kW
<b>Heating elements:</b>	78407 BTU (23 kW)
<b>Total thermal load:</b>	136607 BTU (40 kW)
<b>Natural gas - Pressure:</b>	7" w.c. (17.4 mbar)
<b>LPG:</b>	
<b>Steam generator:</b>	78407 BTU (23 kW)
<b>Heating elements:</b>	78407 BTU (23 kW)
<b>Total thermal load:</b>	136607 BTU (40 kW)
<b>Pressure:</b>	11" w.c. (27.4 mbar)

**Water:**

<b>Water inlet "CW" connection:</b>	3/4"
<b>Water consumption (gal./hr.):</b>	Min: 3.57 Max: 17.70
<b>Water inlet "FCW" connection:</b>	3/4"
	5-50ppm (boiler/steam - rear connection) less than 400ppm (cleaning/quenching - front connection)
<b>Hardness:</b>	
<b>Pressure:</b>	22-36 psi (1.5-2.5 bar)
<b>Drain "D":</b>	1 1/4" NPT
<b>Conductivity:</b>	(50-200 µs/cm)
<b>Chlorides:</b>	(must be less than 20 ppm)
<b>PH:</b>	(must be greater than 7)

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

Please refer to user manual for detailed water quality information.

It is obligatory upon the end-user to supply the combi with water that conforms to the specifications attached on the spec sheet. A properly sized system combined with a disciplined filter replacement regimen will ensure the maximum life of the oven.

**Installation:**

<b>Clearance:</b>	2" rear and right hand sides.
<b>Suggested clearance for service access:</b>	20" left hand side.

**Capacity:**

<b>Steam pans:</b>	10 - 12" x 20"
<b>Half size sheet pans:</b>	10 - 13" x 18"
<b>Max load capacity:</b>	110 lbs. (50 kg)

**Key Information:**

<b>Net weight:</b>	368 lbs (167 kg)
<b>Shipping width:</b>	37 5/8" (955 mm)
<b>Shipping depth:</b>	38 3/4" (985 mm)
<b>Shipping height:</b>	49 13/16" (1265 mm)
<b>Shipping weight:</b>	412 lbs (187 kg)
<b>Shipping volume:</b>	42.02 ft <sup>3</sup> (1.19 m <sup>3</sup> )