



**Electrolux**

air-o-steam  
air-o-steam TOUCHLINE  
Natural Gas Combi Oven 102

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

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

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

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

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



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air-o-steam TOUCHLINE Natural Gas Combi Oven 102

air-o-steam



air-o-steam

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Combi Oven 102

**267753 (AOS102GTP1)**

Natural Gas Combi  
TOUCHLINE Oven 102 -  
120V/1ph/60Hz - 9A

### 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:

### 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: by choosing family and food type, the oven automatically selects the appropriate cooking climate, temperature and time. A maximum of 60 personalized preset can be saved per family. Three special automatic cycles available:
  - Low Temperature Cooking cycle (LTC) PATENTED: ideal for large cuts of meat, to minimize weight loss and maximize food quality.
  - Regenerating cycle: efficient humidity management for fast and easy rethermalization, both on plate as well as on tray.
  - Proofing cycle: uses the air-o-clima™ function manages temperature and humidity to create the perfect proofing conditions.
- air-o-clima™ PATENTED: Lambda sensor controlled, automatic humidity adjustment of cooking environment based on settings for perfect textures and repeatability.
- 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-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.
- 6-point multi sensor core temperature probe for maximum precision and food safety.
- 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.
- Food Safe Control (FSC) PATENTED monitors the cooking process to comply with HACCP standards. HACCP management to record cooking procedure available upon request.
- 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).

Electrolux Professional, Inc.

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- 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.

### Construction

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



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Included Accessories

- 5 of Single 304 stainless steel full-size grid (21 "x26") PNC 922076

Optional Accessories

- Flue condenser for hood for 10 GN 2/1 gas ovens. The flue condenser is mandatory on installations with ventilation hoods (640793 - 640794) PNC 640415 □
- Exhaust hood with fan for 10x2/1 GN ovens. It is mandatory to use the flue condenser (640415) on installation with gas ovens PNC 640793 □
- Exhaust hood with fan for 10x2/1 GN ovens. It is mandatory to use the flue condenser (640415) on installation with gas ovens PNC 640794 □
- Automatic water softener for ovens PNC 921305 □
- Resin sanitizer for water softener PNC 921306 □
- Wheel kit for base for 61, 62, 101 and 102 oven bases PNC 922003 □
- Kit - 4 adjustable feet for 61, 62, 101, 102 ovens PNC 922012 □
- Chicken racks, pair (2) (fits 8 chickens per rack) PNC 922036 □
- Tray support for 62 and 102 oven bases PNC 922041 □
- Trolley for roll-in rack for 62 and 102 oven PNC 922042 □
- Tray rack (wheel kit included) for 102 oven (standard pitch) PNC 922043 □
- Tray rack (wheel kit included) for 102 oven (increased pitch) PNC 922045 □
- Slide-in rack support with handle for 62 and 102 oven PNC 922047 □
- Thermal blanket for 102 racks PNC 922048 □
- Mobile banqueting rack for 102 with 3" (75 mm) pitch, 51 plates (should be ordered with 1 each PNC 922074) PNC 922052 □
- Pair of 304 stainless steel full-size grid (21"x26") PNC 922060 □
- Pastry Rack 16" x 24" (400mm x 600mm) for air-o-system 102 PNC 922067 □
- Wheels and Hinges kit for 6 and 10 oven PNC 922073 □
- GN 1/1 (12" x 20") tray made of aluminium alloy with no-stick coating, 3/4" (20 mm) deep PNC 922090 □
- GN 1/1 (12" x 20") tray made of aluminium alloy with no-stick coating, 1 1/2" (40 mm) deep PNC 922091 □
- GN 1/1 (12" x 20") tray made of aluminium alloy with no-stick coating, 2 1/2" (65 mm) deep PNC 922092 □
- Kit to connect external rinse aid and detergent tank for 61, 62, 101, and 102 ovens PNC 922169 □
- External side spray unit (needs to be mounted outside and includes support for mounting to oven) PNC 922171 □
- Single 304 stainless steel full-size grid (21"x26") PNC 922175 □
- Fat filter for 101 and 102 oven PNC 922178 □
- 16" x 24" (400 x 600mm) Baguette tray, made of perforated aluminium, silicon coated PNC 922189 □
- 16" x 24" (400 x 600mm) Perforated baking tray, made of perforated aluminium PNC 922190 □
- Baking tray, made of aluminium 16" x 24" (400 x 600 mm) PNC 922191 □
- Open base with rack guides for 62 and 102 oven PNC 922198 □
- Basket for detergent tank (wall mounted) PNC 922209 □
- Holder for detergent tank on open base PNC 922212 □
- Cupboard base and tray support for 62 and 102 oven PNC 922234 □
- Flue condensor for gas ovens PNC 922235 □
- Hot cupboard base with humidifier and tray support for 10x2/1GN PNC 922238 □

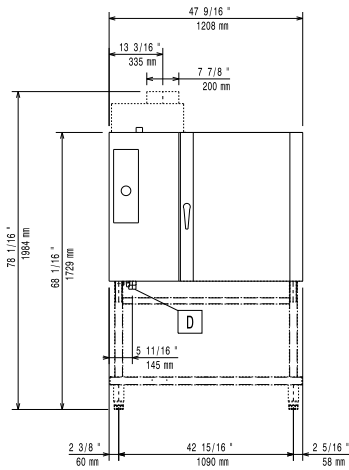
- Pair of frying baskets PNC 922239 □
- Control panel filter for 62 and 102 oven PNC 922247 □
- Heat shield for 102 oven PNC 922252 □
- Double-click closing catch for oven door PNC 922265 □
- Grid for whole chicken 1/1GN (8 per grid - 1,2kg each) PNC 922266 □
- Electronic Board for HACCP through PC Network, 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 oven) PNC 922281 □
- Drain kit (diameter 2") for 61, 62, 101, 102 ovens PNC 922283 □
- Baguette tray (holds 4), made of perforated aluminium, silicon coated, GN1/1 (12" x 20") PNC 922288 □
- Oven grill made of aluminium alloy with no-stick coating PNC 922289 □
- GN 1/1 (12" x 20") egg fryer grid, made of aluminium alloy with no-stick coating. Fits 8 eggs PNC 922290 □
- Conversion kit from natural gas to LPG for 102 ovens PNC 922296 □
- Kit flaged feet PNC 922320 □
- Kit universal skewer rack and 6 short skewers for ovens (TANDOOR) PNC 922325 □
- 6 short (14") skewers for ovens (TANDOOR) PNC 922328 □
- Fat collection tray for ovens (1.5") PNC 922329 □
- NPT adaptor 1 1/4" gas for ovens PNC 922332 □
- Smoker for ovens PNC 922338 □
- Water filter for ovens - 4 membranes PNC 922344 □
- External reverse osmosis filter for ovens - 4 membranes PNC 922345 □
- - NOT TRANSLATED - PNC 922346 □
- Kit check valve PNC 922347 □



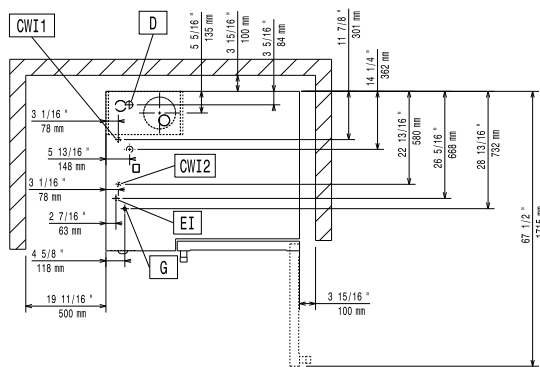
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Front

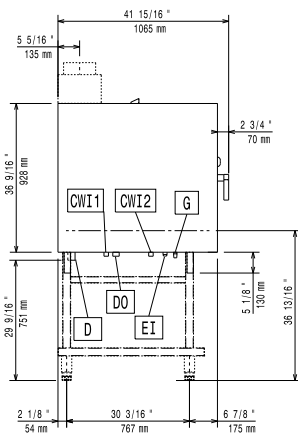


Top



- CWI** = Cold Water inlet
- D** = Drain
- EI** = Electrical connection
- G** = Gas connection

Side



## Electric

**Supply voltage:**  
267753 (AOS102GTP1) 120 V/1 ph/60 Hz

**Amps:** 8.3 A

Circuit breaker required

## Gas

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

**Natural gas:**

**Steam generator:** 9 kW

**Heating elements:** 105679 BTU (31 kW)

**Total thermal load:** 177589 BTU (52 kW)

**Natural gas - Pressure:** 7" w.c. (17.4 mbar)

**LPG:**

**Steam generator:** 30681 BTU (9 kW)

**Heating elements:** 105679 BTU (31 kW)

**Total thermal load:** 177589 BTU (52 kW)

**Pressure:** 11" w.c. (27.4 mbar)

## Water:

**Water inlet "CW" connection:** 3/4"

**Water consumption (gal./hr.):** Min: 4.49 Max: 20.08

**Water inlet "FCW" connection:** 3/4"

5-50ppm (boiler/steam - rear connection) less than 400ppm (cleaning/quenching - front connection)

**Hardness:**

**Pressure:** 22-36 psi (1.5-2.5 bar)

**Drain "D":** 1 1/4"

**Conductivity:** (50-200 µs/cm)

**Chlorides:** (must be less than 20 ppm)

**PH:** (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:

**Clearance:** 2" rear and right hand sides.

**Suggested clearance for service access:** 20" left hand side.

## Capacity:

**Sheet pans:** 10 - 18" x 26"

**Steam pans:** 20 - 12" x 20"

**Half size sheet pans:** 20 - 13" x 18"

**GN:** 20 - 1/1 containers

**GN:** 10 - 2/1 containers

**Max load capacity:** 180 lbs. (80 kg)

## Key Information:

**Net weight:** 481 lbs (218 kg)

**Shipping width:** 46 7/16" (1180 mm)

**Shipping depth:** 50 13/16" (1290 mm)

**Shipping height:** 44 7/8" (1140 mm)

**Shipping weight:** 562 lbs (255 kg)

**Shipping volume:** 61.27 ft³ (1.74 m³)

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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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