

## Magistar Combi TS Electric Combi Oven 20GN1/1

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

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

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

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

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



**218734 (ZCOE201T2S0)** Magistar Combi TS combi boiler oven with touch screen control, 20x1/1GN, electric, 3 cooking modes (automatic, recipe program, manual), automatic cleaning (Australia)

### 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
- AirFlow air distribution system to achieve maximum performance with 7 fan speed levels
- HP Automatic Cleaning: 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 economizer 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, Cooking Optimizer to cut running costs, Make-it-Mine to customize interface, Match connection to Rapido Chiller, SoloMio to customize homepage, agenda Calendar, 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 LED lights
- Stainless steel construction throughout
- Supplied with n.1 trolley rack 1/1 GN, 63 mm pitch.

### 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 (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.
- 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.
- Automatic fast cool down and pre-heat function.
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.
- Special Cycles: - Regeneration (ideal for banqueting on plate or rethermalizing on tray), - Low Temperature Cooking (to minimize weight loss and maximize food quality), - 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), - Advanced Food Safe Control (to drive the cooking with pasteurization factor).
- AirFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber combined with high precision variable speed fan.
- Supplied with n.1 tray rack 1/1GN, 63 mm pitch.

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

- 2 different chemical options available: solid and liquid (requires optional accessory).
- Capacity: 20 GN 1/1 trays.
- [NOT TRANSLATED]

## 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.
- Integrated door shield to avoid steam and heat dispersion from the door, when the roll-in rack is not used.

## User Interface & Data Management

- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- Pictures upload for full customization of cooking cycles.
- Make-it-mine feature to allow full personalization or locking of the user interface.
- 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.
- Automatic consumption visualization at the end of the cycle.
- SoloMio lets the user group the favorite functions in the homepage for immediate access.
- Calendar works as an agenda where the user can plan the daily work and receive personalized alerts for each task.
- With Match function 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).

## Sustainability

- Reduced power function for customized slow cooking cycles.
- HP Automatic Cleaning: 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.
- Cooking Optimizer function organizes the cooking sequence of the chosen cycles optimizing the work in the kitchen from a time and energy efficiency point of view.
- Zero Waste provides chefs with useful tips for minimizing food waste.  
Zero Waste is a library of Automatic recipes that aims to:  
give a second life to raw food close to expiration date (e.g.: from milk to yogurt)  
obtain genuine and tasty dishes from overripe fruit/vegetables (usually considered not appropriate for sale)  
promote the use of typically discarded food items (e.g.: carrot peels).

## Included Accessories

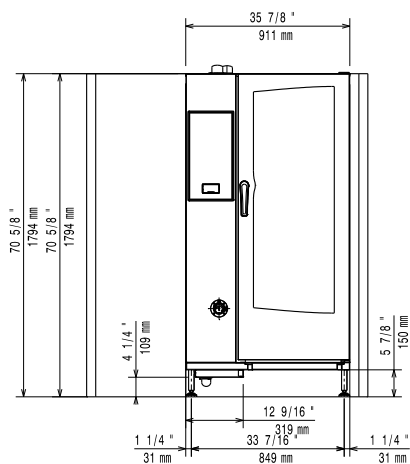
### Magistar Combi TS

#### Electric Combi Oven 20GN1/1

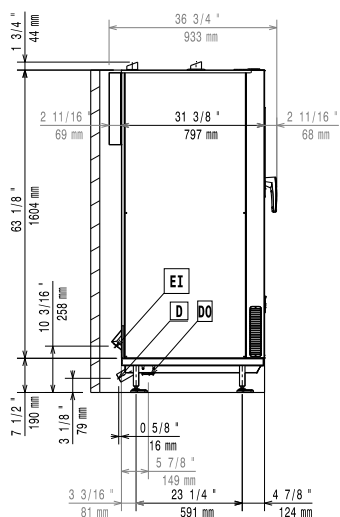


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### Front

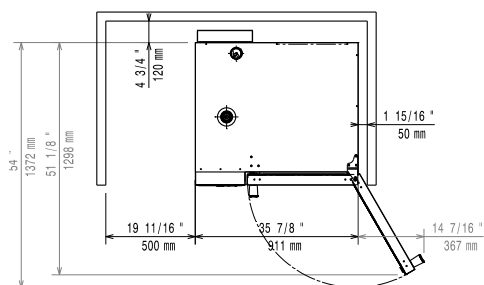


### Side



- C-1** = Cold Water inlet 1      **EI** = Electrical inlet (power)  
**C-2** = Cold Water Inlet 2  
**D** = Drain  
**DO** = Overflow drain pipe

### Top



### Electric

#### Circuit breaker required

<b>Supply voltage:</b>	400-430 V/3N ph/50-60 Hz
<b>Electrical power max.:</b>	39.3 kW
<b>Electrical power, default:</b>	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:

<45 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:

#### 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:

275.5 kg

#### Net weight:

275.5 kg

#### Shipping weight:

308.5 kg

#### Shipping volume:

1.83 m³