

## Magistar Combi DS Electric Combi Oven 6GN1/1

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

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

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

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

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



**218810 (ZCOE61B2C0)**

Magistar Combi DS combi boiler oven with digital control, 6x1/1GN, electric, programmable, automatic cleaning

**218820 (ZCOE61B2A0)**

Magistar Combi DS combi boiler oven with digital control, 6x1/1GN, electric, programmable, automatic cleaning

### Short Form Specification

**Item No.** \_\_\_\_\_

- Combi oven with digital interface with guided selection.
- Built-in steam generator with real humidity control based upon Lambda Sensor.
- AirFlow air distribution system to achieve maximum performance with 5 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).
- 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 ready.
- Single sensor core temperature probe.
- Double-glass door with LED lights.
- Stainless steel construction throughout.
- Supplied with n.1 tray rack 1/1 GN, 67 mm pitch.

### Main Features

- Digital interface with LED backlight buttons with guided selection.
- 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).
- 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.
- 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.
- 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.
- 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).
- Grease Collector: predisposed for integrated grease drain and collection for safer operation (dedicated base as optional accessory).
- 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).
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.
- 2 different chemical options available: solid and liquid (requires optional accessory).
- Capacity: 6 GN 1/1 trays.
- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory – contact the Company for more details).

### Construction

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

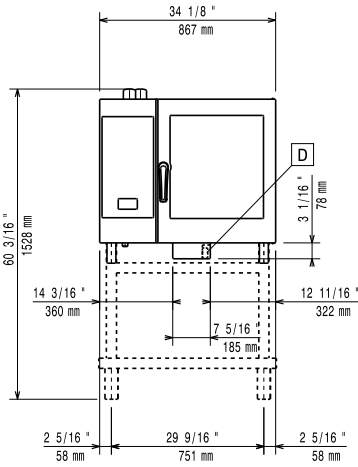
- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner glass on door for easy cleaning.
- Seamless hygienic internal chamber with all rounded corners for easy cleaning.
- 304 AISI stainless steel construction throughout.
- Front access to control board for easy service.
- IPX 5 spray water protection certification for easy cleaning.
- Supplied with n.1 tray rack 1/1 GN, 67 mm pitch.

## Optional Accessories

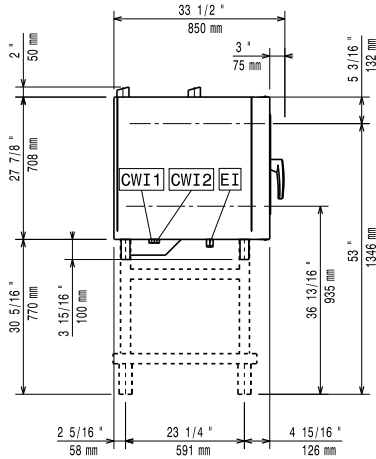
- |   |            |                          |  |            |                          |
|---|------------|--------------------------|--|------------|--------------------------|
| • Water softener with cartridge and flow meter (high steam usage)                                       | PNC 920003 | <input type="checkbox"/> | • Tray rack with wheels 5 GN 1/1, 80mm pitch   | PNC 922606 | <input type="checkbox"/> |
| • Water softener with salt for ovens with automatic regeneration of resin                               | PNC 921305 | <input type="checkbox"/> | • Bakery/pastry tray rack with wheels holding 400x600mm grids for 6 GN 1/1 oven and blast chiller freezer, 80mm pitch (5 runners)          | PNC 922607 | <input type="checkbox"/> |
| • Wheel kit for 6 & 10 GN 1/1 and 2/1 GN oven base (not for the disassembled one)                       | PNC 922003 | <input type="checkbox"/> | • Slide-in rack with handle for 6 & 10 GN 1/1 oven   | PNC 922610 | <input type="checkbox"/> |
| • Pair of AISI 304 stainless steel grids, GN 1/1  | PNC 922017 | <input type="checkbox"/> | • Open base with tray support for 6 & 10 GN 1/1 oven   | PNC 922612 | <input type="checkbox"/> |
| • Pair of grids for whole chicken (8 per grid - 1,2kg each), GN 1/1                                     | PNC 922036 | <input type="checkbox"/> | • Cupboard base with tray support for 6 & 10 GN 1/1 oven   | PNC 922614 | <input type="checkbox"/> |
| • AISI 304 stainless steel grid, GN 1/1   | PNC 922062 | <input type="checkbox"/> | • Hot cupboard base with tray support for 6 & 10 GN 1/1 oven holding GN 1/1 or 400x600mm   | PNC 922615 | <input type="checkbox"/> |
| • Grid for whole chicken (4 per grid - 1,2kg each), GN 1/2  | PNC 922086 | <input type="checkbox"/> | • External connection kit for liquid detergent and rinse aid   | PNC 922618 | <input type="checkbox"/> |
| • External side spray unit (needs to be mounted outside and includes support to be mounted on the oven) | PNC 922171 | <input type="checkbox"/> | • Grease collection kit for GN 1/1-2/1 cupboard base (trolley with 2 tanks, open/close device for drain)                                   | PNC 922619 | <input type="checkbox"/> |
| • Baking tray for 5 baguettes in perforated aluminum with silicon coating, 400x600x38mm                 | PNC 922189 | <input type="checkbox"/> | • Stacking kit for 6+6 GN 1/1 ovens on electric 6+10 GN 1/1 GN ovens   | PNC 922620 | <input type="checkbox"/> |
| • Baking tray with 4 edges in perforated aluminum, 400x600x20mm   | PNC 922190 | <input type="checkbox"/> | • Trolley for slide-in rack for 6 & 10 GN 1/1 oven and blast chiller freezer   | PNC 922626 | <input type="checkbox"/> |
| • Baking tray with 4 edges in aluminum, 400x600x20mm  | PNC 922191 | <input type="checkbox"/> | • Trolley for mobile rack for 2 stacked 6 GN 1/1 ovens on riser  | PNC 922628 | <input type="checkbox"/> |
| • Pair of frying baskets  | PNC 922239 | <input type="checkbox"/> | • Trolley for mobile rack for 6 GN 1/1 on 6 or 10 GN 1/1 ovens   | PNC 922630 | <input type="checkbox"/> |
| • AISI 304 stainless steel bakery/pastry grid 400x600mm   | PNC 922264 | <input type="checkbox"/> | • Riser on feet for 2 6 GN 1/1 ovens or a 6 GN 1/1 oven on base  | PNC 922632 | <input type="checkbox"/> |
| • Double-step door opening kit  | PNC 922265 | <input type="checkbox"/> | • Riser on wheels for stacked 2x6 GN 1/1 ovens, height 250mm   | PNC 922635 | <input type="checkbox"/> |
| • Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1  | PNC 922266 | <input type="checkbox"/> | • Stainless steel drain kit for 6 & 10 GN oven, dia=50mm   | PNC 922636 | <input type="checkbox"/> |
| • Grease collection tray, GN 1/1, H=100 mm  | PNC 922321 | <input type="checkbox"/> | • Plastic drain kit for 6 & 10 GN oven, dia=50mm   | PNC 922637 | <input type="checkbox"/> |
| • Kit universal skewer rack and 4 long skewers for GN 1/1 ovens   | PNC 922324 | <input type="checkbox"/> | • Trolley with 2 tanks for grease collection   | PNC 922638 | <input type="checkbox"/> |
| • Universal skewer rack   | PNC 922326 | <input type="checkbox"/> | • Grease collection kit for GN 1/1-2/1 open base (2 tanks, open/close device for drain)  | PNC 922639 | <input type="checkbox"/> |
| • 4 long skewers  | PNC 922327 | <input type="checkbox"/> | • Wall support for 6 GN 1/1 oven   | PNC 922643 | <input type="checkbox"/> |
| • Smoker for lengthwise and crosswise oven  | PNC 922338 | <input type="checkbox"/> | • Dehydration tray, GN 1/1, H=20mm   | PNC 922651 | <input type="checkbox"/> |
| • Water nanofilter for 6 & 10 GN 1/1 ovens  | PNC 922342 | <input type="checkbox"/> | • Flat dehydration tray, GN 1/1  | PNC 922652 | <input type="checkbox"/> |
| • External reverse osmosis filter for 6 & 10 GN 1/1 ovens   | PNC 922343 | <input type="checkbox"/> | • Open base for 6 & 10 GN 1/1 oven, disassembled - NO accessory can be fitted with the exception of 922382                                 | PNC 922653 | <input type="checkbox"/> |
| • Multipurpose hook   | PNC 922348 | <input type="checkbox"/> | • Bakery/pastry rack kit for 6 GN 1/1 oven with 5 racks 400x600mm and 80mm pitch   | PNC 922655 | <input type="checkbox"/> |
| • 4 flanged feet for 6 & 10 GN, 2", 100-130mm   | PNC 922351 | <input type="checkbox"/> | • Stacking kit for 6&10 GN 1/1 oven placed on 7kg and 15kg crosswise blast chiller freezer   | PNC 922657 | <input type="checkbox"/> |
| • Grid for whole duck (8 per grid - 1,8kg each), GN 1/1   | PNC 922362 | <input type="checkbox"/> | • Heat shield for stacked ovens 6 GN 1/1 on 6 GN 1/1   | PNC 922660 | <input type="checkbox"/> |
| • Tray support for 6 & 10 GN 1/1 disassembled open base   | PNC 922382 | <input type="checkbox"/> | • Heat shield for stacked ovens 6 GN 1/1 on 10 GN 1/1  | PNC 922661 | <input type="checkbox"/> |
| • Wall mounted detergent tank holder  | PNC 922386 | <input type="checkbox"/> | • Heat shield for 6 GN 1/1 oven  | PNC 922662 | <input type="checkbox"/> |
| • USB single point probe  | PNC 922390 | <input type="checkbox"/> | • Compatibility kit for installation of 6 GN 1/1 electric oven on previous 6 GN 1/1 electric oven (old stacking kit 922319 is also needed) | PNC 922679 | <input type="checkbox"/> |
| • Tray rack with wheels, 6 GN 1/1, 65mm pitch   | PNC 922600 | <input type="checkbox"/> | • Fixed tray rack for 6 GN 1/1 and 400x600mm grids   | PNC 922684 | <input type="checkbox"/> |
|   |            |                          | • Kit to fix oven to the wall  | PNC 922687 | <input type="checkbox"/> |
|   |            |                          | • 4 high adjustable feet for 6 & 10 GN ovens, 100-115MM  | PNC 922688 | <input type="checkbox"/> |
|   |            |                          | • Tray support for 6 & 10 GN 1/1 oven base   | PNC 922690 | <input type="checkbox"/> |
|   |            |                          | • Wifi board (NIU)   | PNC 922695 | <input type="checkbox"/> |

- |  |            |                          |
|--|------------|--------------------------|
| • Ethernet board (NIU-LAN) for ovens and racky type dishwashers                          | PNC 922696 | <input type="checkbox"/> |
| • Detergent tank holder for open base  | PNC 922699 | <input type="checkbox"/> |
| • Bakery/pastry runners 400x600mm for 6 & 10 GN 1/1 oven base                            | PNC 922702 | <input type="checkbox"/> |
| • Wheels for stacked ovens   | PNC 922704 | <input type="checkbox"/> |
| • Spit for lamb or suckling pig (up to 12kg) for GN 1/1 ovens                            | PNC 922709 | <input type="checkbox"/> |
| • Mesh grilling grid, GN 1/1   | PNC 922713 | <input type="checkbox"/> |
| • Probe holder for liquids   | PNC 922714 | <input type="checkbox"/> |
| • Odour reduction hood with fan for 6 & 10 GN 1/1 electric ovens                         | PNC 922718 | <input type="checkbox"/> |
| • Odour reduction hood with fan for 6+6 or 6+10 GN 1/1 electric ovens                    | PNC 922722 | <input type="checkbox"/> |
| • Condensation hood with fan for 6 & 10 GN 1/1 electric oven                             | PNC 922723 | <input type="checkbox"/> |
| • Condensation hood with fan for stacking 6+6 or 6+10 GN 1/1 electric ovens              | PNC 922727 | <input type="checkbox"/> |
| • Exhaust hood with fan for 6 & 10 GN 1/1 ovens  | PNC 922728 | <input type="checkbox"/> |
| • Exhaust hood with fan for stacking 6+6 or 6+10 GN 1/1 ovens                            | PNC 922732 | <input type="checkbox"/> |
| • Exhaust hood without fan for 6&10 1/1GN ovens  | PNC 922733 | <input type="checkbox"/> |
| • Exhaust hood without fan for stacking 6+6 or 6+10 GN 1/1 ovens                         | PNC 922737 | <input type="checkbox"/> |
| • Fixed tray rack, 5 GN 1/1, 85mm pitch  | PNC 922740 | <input type="checkbox"/> |
| • 4 high adjustable feet for 6 & 10 GN ovens, 230-290mm                                  | PNC 922745 | <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"/> |
| • Trolley for grease collection kit  | PNC 922752 | <input type="checkbox"/> |
| • Water inlet pressure reducer   | PNC 922773 | <input type="checkbox"/> |
| • Kit for installation of electric power peak management system for 6 GN and 10 GN ovens | PNC 922774 | <input type="checkbox"/> |
| • Extension for condensation tube, 37cm  | PNC 922776 | <input type="checkbox"/> |
| • Non-stick universal pan, GN 1/1, H=20mm  | PNC 925000 | <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"/> |
| • Compatibility kit for installation on previous base GN 1/1                             | PNC 930217 | <input type="checkbox"/> |

## Front

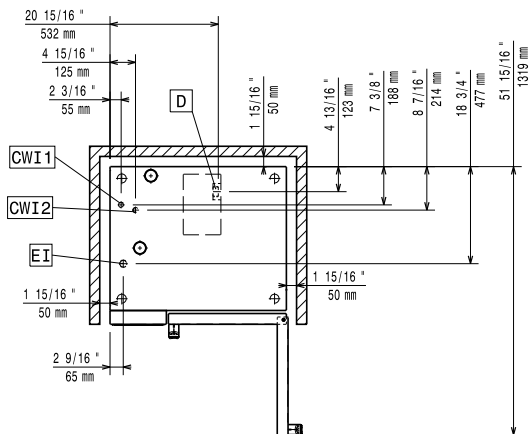


## Side



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

## Top



## Electric

### Supply voltage:

218810 (ZCOE61B2C0)	220-240 V/3 ph/50-60 Hz
218820 (ZCOE61B2A0)	380-415 V/3N ph/50-60 Hz

### Electrical power, default:

11.1 kW

### Electrical power max.:

11.8 kW

### Circuit breaker required

## Water:

### Water inlet connections "CWI1-CWI2":

3/4"

### Pressure, bar min/max:

1-6 bar

### Drain "D":

50mm

### Max inlet water supply temperature:

30 °C

### Chlorides:

<17 ppm

### Conductivity:

>285 µS/cm

*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:

### Trays type:

6 - 1/1 Gastronorm

### Max load capacity:

30 kg

## Key Information:

### Door hinges:

External dimensions, Width: 867 mm

External dimensions, Depth: 775 mm

External dimensions, Height: 808 mm

Net weight: 114 kg

Shipping weight: 131 kg

### Shipping volume:

218810 (ZCOE61B2C0) 0.84 m<sup>3</sup>

218820 (ZCOE61B2A0) 0.85 m<sup>3</sup>