Magistar Combi DS
Electric Combi Oven 20GN1/1

ITEM #	
MODEL #	
NAME #	
SIS #	
AIA #	

218814 (ZCOE201B2C0) Magistar Combi DS combi boiler oven with digital control, 20x1/1GN, electric, programmable, automatic cleaning

218824 (ZCOE201B2A0) Magistar Combi DS combi boiler oven with digital control, 20x1/1GN, 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 trolley rack 1/1 GN, 63 mm pitch.

APPROVAL:

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.
- 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.
- 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.
- 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.
- 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).
- Supplied with n.1 tray rack 1/1GN, 63 mm pitch.
- 2 different chemical options available: solid and liquid (requires optional accessory).
- Capacity: 20 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

- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner

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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.

Included Accessories
- 1 of Trolley with tray rack, 20 GN 1/1, 63mm pitch (included)   PNC 922753

Optional Accessories

Water softener with cartridge and flow meter (high steam usage)	PNC 920003	❏
Water softener with salt for ovens with automatic regeneration of resin	PNC 921305	❏
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 GN 1/1 ovens	PNC 922324	❏
Universal skewer rack	PNC 922326	❏
4 long skewers	PNC 922327	❏
Smoker for lengthwise and crosswise oven	PNC 922338	❏
Water nanofilter for 10 GN 2/1 & 20 GN 1/1 & 2/1 ovens	PNC 922344	❏
External reverse osmosis filter for ovens 10 GN 2/1 & 20 GN 1/1 & 2/1 ovens	PNC 922345	❏
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	❏
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	❏

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Trolley with tray rack, 15 GN 1/1, 84mm pitch	PNC 922683	❏
Kit to fix oven to the wall	PNC 922687	❏
Wifi board (NIU)	PNC 922695	❏
Ethernet board (NIU-LAN) for ovens and racky type dishwashers	PNC 922696	❏
4 flanged feet for 20 GN , 2", 150mm	PNC 922707	❏
Mesh grilling grid, GN 1/1	PNC 922713	❏
Probe holder for liquids	PNC 922714	❏
Odour reduction hood with fan for 20 GN 1/1 electric oven	PNC 922720	❏
Condensation hood with fan for 20 GN 1/1 electric oven	PNC 922725	❏
Exhaust hood with fan for 20 GN 1/1 oven	PNC 922730	❏
Exhaust hood without fan for 20 1/1GN oven	PNC 922735	❏
Tray for traditional static cooking, H=100mm	PNC 922746	❏
Double-face griddle, one side ribbed and one side smooth, 400x600mm	PNC 922747	❏
Trolley with tray rack, 20 GN 1/1, 63mm pitch (included)	PNC 922753	❏
Trolley with tray rack, 16 GN 1/1, 80mm pitch	PNC 922754	❏
Banquet trolley with rack holding 54 plates for 20 GN 1/1 oven and blast chiller freezer, 74mm pitch	PNC 922756	❏
Bakery/pastry trolley with rack holding 600x400mm grids for 20 GN 1/1 oven and blast chiller freezer, 80mm pitch (16 runners)	PNC 922761	❏
Banquet trolley with rack holding 45 plates for 20 GN 1/1 oven and blast chiller freezer, 90mm pitch	PNC 922763	❏
Kit compatibility for aos/easyline trolley (produced till 2019) with SkyLine/Magistar 20 GN 1/1 combi oven	PNC 922769	❏
Kit compatibility for aos/easyline 20 GN oven with SkyLine/Magistar trolleys	PNC 922771	❏
Water inlet pressure reducer	PNC 922773	❏
Non-stick universal pan, GN 1/ 1, H=40mm	PNC 925001	❏
Non-stick universal pan, GN 1/1, H=60mm	PNC 925002	❏
Double-face griddle, one side ribbed and one side smooth, GN 1/1	PNC 925003	❏
Aluminum grill, GN 1/1	PNC 925004	❏
Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1	PNC 925005	❏
Flat baking tray with 2 edges, GN 1/1	PNC 925006	❏
Baking tray for 4 baguettes, GN 1/1	PNC 925007	❏
Potato baker for 28 potatoes, GN 1/1	PNC 925008	❏
Non-stick universal pan, GN 1/2, H=20mm	PNC 925009	❏
Non-stick universal pan, GN 1/2, H=40mm	PNC 925010	❏
Non-stick universal pan, GN 1/2, H=60mm	PNC 925011	❏
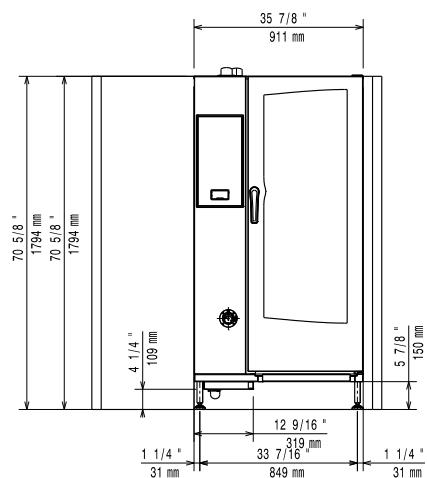
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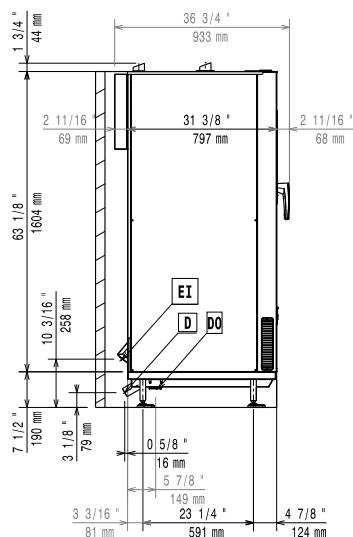
Side

CWI1 = Cold Water inlet 1 (cleaning)

CWI2 = Cold Water Inlet 2 (steam generator)

D = Drain

DO = Overflow drain pipe

EI = Electrical inlet (power)
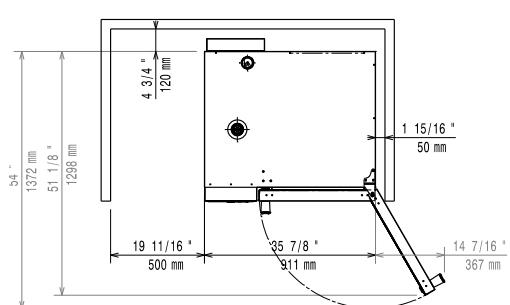
Top

Electric

Supply voltage:

218814 (ZCOE201B2C0)	220-240 V/3 ph/50-60 Hz
218824 (ZCOE201B2A0)	380-415 V/3N ph/50-60 Hz
Electrical power, default:	37.7 kW
Electrical power max.:	40.4 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:	20 - 1/1 Gastronorm
Max load capacity:	100 kg

Key Information:

Door hinges:	
External dimensions, Width:	911 mm
External dimensions, Depth:	864 mm
External dimensions, Height:	1794 mm
Net weight:	265 kg
Shipping weight:	298 kg
Shipping volume:	1.83 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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