



# XAVL-2021-DPLS

Project \_\_\_\_\_

Item \_\_\_\_\_

Quantity \_\_\_\_\_

Date \_\_\_\_\_

**Model**  
**CHEFTOP MIND.Maps™ PLUS BIG**

Combi oven	Electric
20 trays GN 2/1	Hinge on the right side
9.5" Touch control panel	
Voltage: 240V 3~ / 208V 3~	



## Description

Technologically advanced combi oven for gastronomy cooking processes (dehydrating, steaming, low temperature cooking, sous vide cooking, roasting, grilling, pan frying, regeneration and plate regeneration) and for fresh or frozen baking thanks to Unox Intensive Cooking and Intelligence Performance technologies which guarantee perfect results and repeatability for any load size. Automatic management of cooking processes (CHEFUNOX) for perfect results even without trained staff.

## Standard cooking features

### Programs

- **1000+** Programs
- **CHEFUNOX**: choose something to cook from the library and the oven will automatically set all the parameters
- **MULTI.TIME**: manages up to 10 cooking processes at the same time
- **MISE.EN.PLACE**: synchronises the insertion of pans so that all the dishes are ready at the same time
- **MIND.Maps™**: draw the cooking processes directly on the display
- **READY.COOK**: ready to use settings with infinite time for a quick start

### Manual cooking

- **Temperature**: 86 °F – 572 °F
- Up to 9 cooking steps
- **CLIMA.Control**: humidity or dry air set by 10%
- Delta T cooking with core probe
- **MULTI.Point** core probe with 4 measuring points
- **SOUS-VIDE** core probe

## Advanced and automatic cooking features

### Unox Intelligent Performance

- **ADAPTIVE.Cooking™**: automatically regulates the cooking parameters to ensure repeatable results
- **CLIMALUX™**: total control of the humidity in the cooking chamber
- **SMART.Preheating**: automatically sets the preheating temperature and duration
- **AUTO.Soft**: manages the heat rise to make it more delicate
- **SENSE.Klean**: estimates how dirty the oven is and suggests the appropriate automatic washing cycle

### Unox Intensive Cooking

- **DRY.Maxi™**: rapidly extracts the humidity from the cooking chamber
- **STEAM.Maxi™**: produces saturated steam
- **AIR.Maxi™**: manage fans auto-reverse and pulse function
- **PRESSURE.Steam**: increases the steam saturation and temperature





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## Key features

- **ROTOR.Klean™**: automatic washing system
- Automatic special washing behind the fan guard
- Moulded cooking chamber made of AISI 316 L stainless steel
- Triple glass
- Cooking chamber lighting through LED lights embedded in the door
- Tray supports with anti-tip system
- Drip collection system Integrated in the door which works even when the door is open
- 6 motors with multiple fan system with reverse gear and high power intensity rectilinear heating elements
- Integrated DET&Rinse™ detergent container
- Integrated Wi-Fi
- **Wi-Fi / USB data**: download/upload HACCP data
- **Wi-Fi / USB data**: download/upload programs

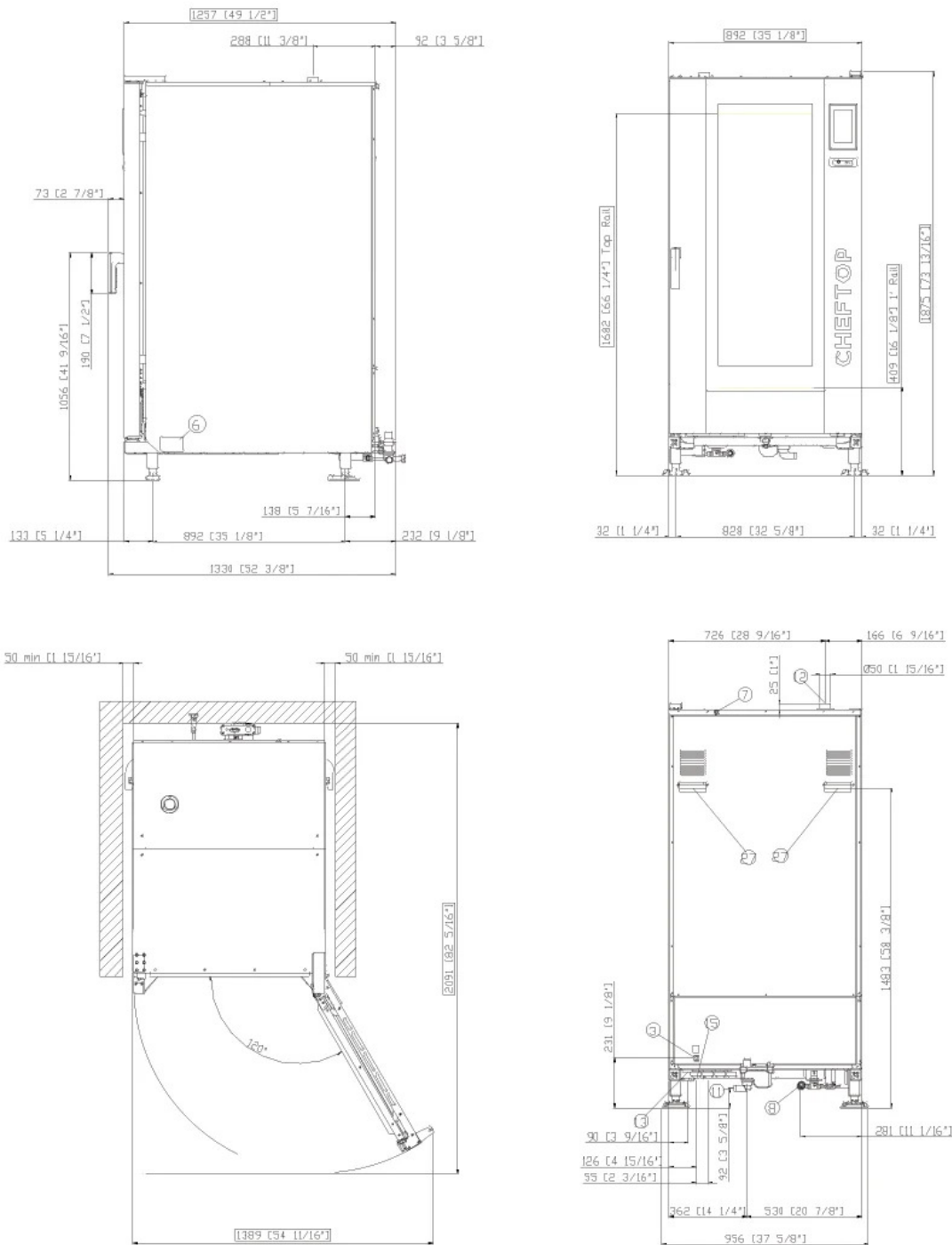
## App and web services

- **Data Driven Cooking app & webapp**: check and monitor in real-time the operating conditions of your ovens, create and share new recipes. Artificial intelligence transforms consumption data into useful information and allows you to increase daily profits
- **Top Training app**: download the Unox Top.Training app and learn step by step all the secrets of your new oven's control panel

## Accessories

- **QUICK.Load** and trolley system
- **Cooking Essentials**: special trays
- **DET&Rinse™ ECO**: eco formula for daily cleaning and the utmost respect for the environment. Ideal for mild level of dirt.
- **DET&Rinse™ ULTRAPLUS**: cleaning and rinse agents to combine maximum cleanliness with minimum consumption and long life for your oven
- **PURE / PURE.XL**: resin-based filtering system that eliminates from the water all substances that contribute to the formation of limescale inside the oven cooking chamber
- Ethernet connection kit

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## Dimensions and weight

<b>Width</b>	35-1/8"	892 mm
<b>Depth</b>	45-13/16"	1164 mm
<b>Height</b>	73-13/16"	1875 mm
<b>Net weight</b>	748 lbs	339 kg
<b>Tray pitch</b>	2-5/8"	67 mm

## Connection positions

<b>2</b>	Terminal board power supply
<b>3</b>	Unipotential terminal
<b>6</b>	Technical data plate
<b>7</b>	Safety thermostat
<b>8</b>	3/4" female NPT water inlet
<b>10</b>	Rotor.KLEAN™ inlet

<b>11</b>	Chamber drain pipe
<b>12</b>	Hot fumes exhaust chimney
<b>13</b>	Accessories connection
<b>27</b>	Cooling air outlet



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## Electrical power supply

### OPTION A

Voltage	240 V
Phase	~3PH+PE
Frequency	60 Hz
Total power	53.7-71 kW
Max Amp draw	173 A
Required breaker size	200 A
Power cable requirements*	4 x AWG 000
Plug	NOT INCLUDED

### OPTION B

Voltage	208 V
Phase	~3PH+PE
Frequency	60 Hz
Total power	53.7-71 kW
Max Amp draw	164 A
Required breaker size	175 A
Power cable requirements*	4 x AWG 00
Plug	NOT INCLUDED

\*Recommended size - observe local ordinance.

## Energy efficiency

Consumption	308 kWh/day
CO <sub>2</sub> emission	0 CO <sub>2</sub> /day**

\*\*The estimate includes only direct emissions produced by the oven. Indirect emissions can be reduced to zero by choosing to purchase energy from renewable sources.

### Estimate based on daily use of the oven (365 days/year):

6 full loads of steamed vegetables, 3 full loads of roast chickens, 3 full load of roast potatoes.

### Estimated assuming the following weekly washing programs (42 weeks/year):

7 long washes per week.

## Installation requirements

Unox products must be installed in facilities where all the systems (gas, electric, hydraulic, ventilations, aerations, etc.) comply with the current national standards. Combustion analysis must be performed in case of gas ovens.

Register to DDC Service to access data and product specifications.

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## Water Supply

USING A WATER SUPPLY THAT DOES NOT MEET UNOX'S MINIMUM WATER QUALITY STANDARDS WILL VOID ANY WARRANTY.

It is the responsibility of the purchaser to ensure that the incoming water supply is compliant with the listed specifications through adequate treatment measures. One water tap per oven is required.

**Line pressure:** Drinking water inlet: 3/4" NPT, line pressure: 1.5 to 6 Bar; 22 to 87 psi (2 Bar; 29 psi recommended)

### Inflow water specifications

**Free chlorine** ≤ 0.5 ppm

**Chloramine** ≤ 0.1 ppm

**pH** 7 - 8.5

**Electrical conductivity** ≤ 1000 µS/cm

**Total hardness** ≤ 30 °dH

### Steam circuit: inflow water specifications

**Total hardness** ≤ 8 °dH\*

**Chlorides** ≤ 250 ppm

\*This value refers to daily steam cooking of 1-2 hours. In any case, if with a total hardness ≤ 8°dH there is still production of limescale, it is mandatory to treat the water in order to avoid limescale production. Unox recommends water treatment systems based on ion exchange resins. Water treatment systems based on polyphosphate are not allowed.

## Water drain

### Properties

Pvc drain (or similar according to market HACCP requirements) 40 mm positioned on the floor and behind the column

Only one drain is required per column solution

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