



INVENTIVE SIMPLIFICATION

XAVC-16FS-GPL

16 18"x26" Full Size Sheet Pans or
32 12"x20" Hotel Pans (side by side)



INTEGRATED TECHNOLOGY

AIR.Maxi™: The AIR.Maxi™ technology ensures perfect distribution of the air and therefore of the heat within the cooking chamber. Multiple auto-reversing fans and high speed motors guarantee cooking uniformity in all pans: from those at the bottom of the oven to those at the top. The possibility of choosing from 4 air speeds and 4 semi-static modes allows any type of product to be cooked perfectly, from the most delicate items to products that require high temperatures and a high rate of heat transfer.

STEAM.Maxi™: Production of dense steam from 95 °F with extreme accuracy and minimal water consumption.

DRY.Maxi™: The DRY.Maxi™ technology rapidly extracts humidity from the cooking chamber and creates the ideal conditions for food that needs to be cooked in a completely dry environment. Oven baked products are soft, crisp and fragrant, grilled and browned meats retain their weight and flavor, vegetables maintain their perfect consistency. You can cook whatever you like, with Unox, quality comes as standard.

ADAPTIVE.Cooking™: In CHEFTOP MIND.Maps™ PLUS ovens the ADAPTIVE.Cooking™ technology transforms your oven into an intelligent tool. It understands the results that you have in mind, interprets your settings, registers the variations of humidity and temperature, understands the quantity of food that is in the oven and proposes the best way to get exactly the results that you expect. By perfecting the cooking time and regulating the combined actions of 3 technologies, DRY.Maxi™, STEAM.Maxi™ and AIR.Maxi™, ADAPTIVE.Cooking™ always gives you the same perfect result. Exactly as you imagined it.

COOKING ESSENTIALS

 Bake (Art.: TG515) Perforated aluminum pan	 Grid (Art.: GRP560) Stainless steel grid
 Black.Bake (Art.: TG520) Non-stick perforated aluminum pan	 Baguette (Art.: GRP565) 6 channel chromium plated grid
 Pan.Fry (Art.: TG525) Enamel-coated pan	 Pollo (Art.: GRP570) 8 bird capacity stainless steel grid
 Grill (Art.: TG530) Non-stick aluminum pan	 No.fry (Art.: GRP575) Stainless steel basket

DESCRIPTION

Controllable like your hand. Natural as your thoughts. Fast as your glance. This is Unox CHEFTOP MIND.Maps™, the new line of professional ovens that breaks down the barriers between your idea and the dish you serve, with a gesture. CHEFTOP MIND.Maps™ PLUS stands for complete control of the cooking process and maximum creative freedom. MIND.Maps™: Personality, in a gesture.

• Standard o Optional

MANUAL COOKING MODES

Convection cooking 86 °F - 500 °F	•
Mixed steam and convection cooking 95 °F - 500 °F, with STEAM.Maxi™ 30% to 90%	•
Mixed humidity and convection cooking 95 °F - 500 °F, with STEAM.Maxi™ 10% to 20%	•
Steaming 95 °F - 266 °F with STEAM.Maxi™ technology 100%	•
Dry air cooking 86 °F - 500 °F with DRY.Maxi™ technology 10% to 100%	•
Delta T cooking with core probe	•
MULTI.Point core probe	•
SOUS-VIDE core probe	o

ADVANCED AND AUTOMATIC COOKING PROGRAMMING

MIND.Maps™ technology: draw cooking processes made of infinite steps with one simple touch	•
PROGRAMS: store up to 256 user's programs	•
PROGRAMS: possibility to assign a name and picture to the stored programs	•
PROGRAMS: save recipe name by writing it (in any language)	•
CHEFUNOX: select cooking mode (roast, braise, grill...), food to be cooked, food size and cooking result. and start cooking	•
MULTI.Time: technology to manage up to 10 timers to cook different products at the same time	•
MISE.EN.PLACE: Synchronize the food loading in the cooking chamber to have every pan ready at the same time	•

AIR DISTRIBUTION IN THE COOKING CHAMBER

AIR.Maxi™ technology: multiple, reversing fans	•
AIR.Maxi™ technology: 4 air speeds, programmable	•
AIR.Maxi™ technology: 4 semi static cooking modes, programmable	•

CLIMATE MANAGEMENT IN THE COOKING CHAMBER

DRY.Maxi™ technology: high performance moisture and humidity extraction, programmable by the user	•
DRY.Maxi™ technology: cooking with humidity extraction 86 - 500° F	•
STEAM.Maxi™ technology: steaming 95° F - 266° F	•
STEAM.Maxi™ technology: combination of moist air and dry air 95° F - 500° F	•
ADAPTIVE.Cooking™ technology: identifies cooking process optimization and automatically adjusts cooking parameters to	•
ADAPTIVE.Cooking™ technology: one pan or full load, same result	•
ADAPTIVE.Cooking™ technology: humidity sensor and automatic adjustment	•

THERMAL INSULATION AND SAFETY

Protek.SAFE™ technology: maximum thermal efficiency and working safety (cool door glass and external surfaces)	•
Protek.SAFE™ technology: fan impeller break to contain energy loss at door opening	•
Protek.SAFE™ technology: gas power absorption related to the real needs	•
Protek.SAFE™ PLUS: triple glazed door	•

HIGH PERFORMANCE PRESSURE BURNER

Spido.GAS™ technology: suitable for G20 / G25 / G25.1 / G30 / G31 gas types	•
Spido.GAS™ technology: high performance straight heat exchanger pipes for a symmetric heat distribution	•
Spido.GAS™ technology: straight heat exchanger pipes for an easy service	•

AUTOMATIC CLEANING

Rotor.KLEAN™: 4 automatic washing programs with detergent and water presence control	•
Rotor.KLEAN™: detergent tank integrated in the oven	•

PATENTED DOOR

Door hinges made of high durability and self-lubricating techno-polymer	•
Reversible door, even after the installation	o
Door docking positions at 60°-120°-180°	•

AUXILIARY FUNCTIONS

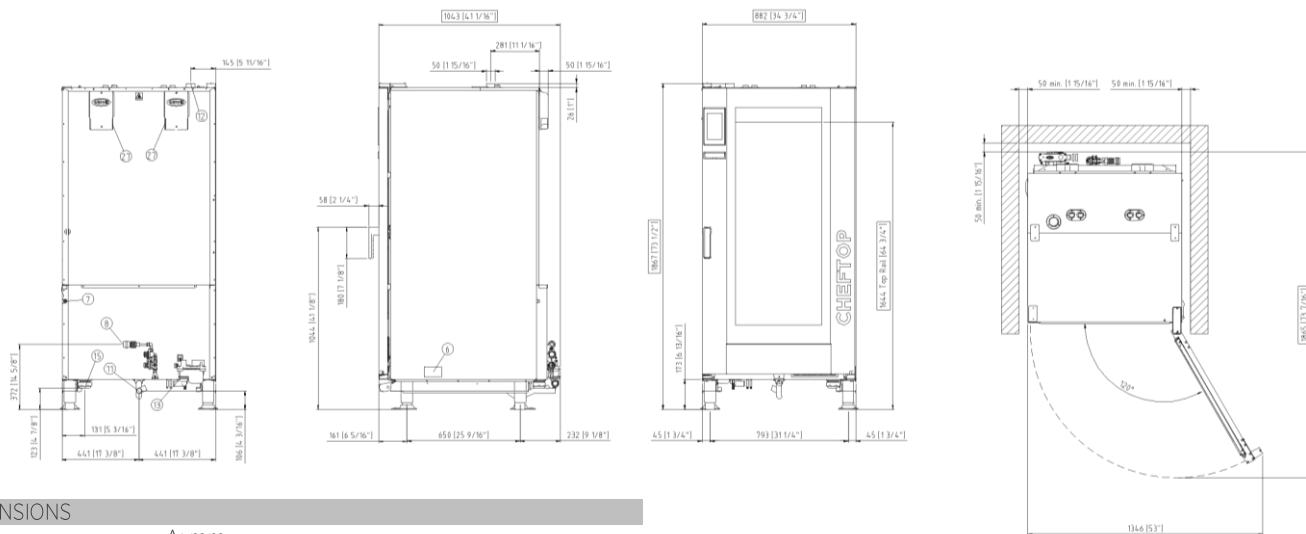
Preheating temperature up to 500 °F	•
Visualisation of the residual cooking time (when cooking not using the core probe)	•
Holding cooking mode «HOLD»	•
Continuous functioning «INF»	•
Visualisation of the set and real values of time, core probe temperature, cavity temperature, humidity, fan speed	•
Temperature unit in °C or °F	•

TECHNICAL DETAILS

Rounded stainless steel (AISI 304) cavity for hygiene and ease of cleaning	•
Chamber lighting through external LED lights	•
Steam proof sealed MASTER.Touch control panel	•
High-durability carbon fibre door lock	•
Door drip pan with continuous drainage, even when the door is open	•
High capacity appliance drip pan	•
Light weight - heavy duty structure using innovative materials	•
Proximity door contact switch	•
2-stage safety door lock	•
Autodiagnosis system for problems or break down	o
Safety temperature switch	•
Openable internal glass to simplify door cleaning	•
Stainless steel C-shaped rack rails with notched recesses for easy loading	•

CERTIFICATIONS





DIMENSIONS

A (B) A: mm
B: (in)

DRAWING LEGEND

- 2 TERMINAL BOARD POWER SUPPLY
- 6 TECHNICAL DATA PLATE
- 7 SAFETY THERMOSTAT
- 8 3/4" THREAD WATER INLET
- 10 Det&Rinse
- 11 CAVITY DRAIN PIPE
- 12 CHIMNEY
- 13 ACCESSORIES CONNECTION
- 27 COOLING AIR OUTLET

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CAPACITY, DIMENSIONS, WEIGHT

Capacity	16 18"x26" Full Size Sheet Pans or 32 12"x20" Hotel Pans (side by side)
Pan Spacing / Pitch	3-5/16" (84 mm)
Dimensions WxDxH	34 3/4" x 41 1/8" x 73 1/2" (882x1043x1866 mm)
Net Weight	485 lbs (220 kg)

POWER SUPPLY

VOLTAGE	PH	Hz	MAXIMUM AMP DRAW	REQUIRED BREAKER SIZE**	kW	WIRE SIZE, CU, 90°C AWG*	CORD & PLUG SUPPLIED BY FACTORY
120 V	1	60	20 A	25 A	2.4 kW	3xAWG14	

* Minimum wire gauge required for field connection, ALWAYS OBSERVE LOCAL ORDINANCES

** Recommended size. Always refer to the NEC, state and local codes

GAS SUPPLY

Connected energy load:	238850 Btu/h
Min. gas supply pressure:	3.5 i.w.c. (Natural Gas) 8.0 i.w.c. (LP Gas)
Max. gas supply pressure:	10.5 i.w.c. (Natural Gas) 13.0 i.w.c. (LP Gas)
Hook-up:	3/4" NPT

WATER REQUIREMENTS

Water inlet:	one (1) cold water inlets - drinking quality: - one (1) untreated water inlet: 3/4" NPT*, line pressure: 22 to 87 psi; 1.5 to 6 bar	* Can manifold off of one 3/4" line.
Water drain:	1-3/16" (30 mm) connection with a 1" (25 mm) minimum air gap installed at least 1 foot (300 mm) away from the oven	
Water quality minimum standards:	USING A WATER SUPPLY NOT MEETING UNOX'S MINIMUM WATER QUALITY STANDARDS WILL VOID ANY WARRANTY. It is the responsibility of the purchaser to ensure that incoming water supply is compliant with the specifications listed through adequate treatment measures. Contaminant Inlet Water Requirements (untreated water): Free Chlorine: less than 0.1 ppm (mg/L); Chloramine: less than 0.1 ppm (mg/L); Hardness: less than 3 gpg (52 ppm); Chloride: less than 25 ppm (mg/L); ph: 7.0 to 8.5; Alkalinity: less than 50 ppm (mg/L); Silica: less than 12 ppm (mg/L); Total Dissolved Solids (tds): less than 60 ppm	

INSTALLATION REQUIREMENTS

Oven must be installed level. Back-flow preventer integrated in the unit.
Installations must comply with all local electrical, plumbing and ventilation codes.

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