

MAGISTRA 980

Modular cooking







# Cooking specialists since 1972

For 40 Years MBM has been producing cooking equipment for the professional catering, developing solutions that make working in the kitchen easier and more efficient.

Specialised operators, modern production technologies and a continuous improvement approach guarantee the quality of MBM products in Italy and abroad.

MBM is part of the Illinois Toolworks group - ITW, worldwide leader in the Foodservice equipment.





MBM products are the result of thorough design and use of modern and reliable technologies, which guarantee their robustness, performance and durability over time. Each MBM product undergoes careful and accurate controls before being shipped.

#### At MBM time is money

Optimization of the production technology, up-to-date warehouse organization and efficient customer management allow MBM to provide high-level flexibility and excellent delivery time that allow its partners a prompt response to the market needs.

#### We give shape to your projects

The MBM Presales consultants, beside the clients since the beginning, are specialized in the creation of layouts in line with the client's needs. Our projects produce personalized and functional working environments that optimize the workflow in the kitchen.



MBM offers a complete range of cooking equipment and a wide offer of complementary products for warewashing, preservation and preparation to perfectly meet the needs of the foodservice industry.

#### **Our experience at your disposal**

Cooking demonstrations, product presentations and culinary laboratories with trained chefs and professionals are at disposal of MBM's customers to improve the knowledge of the products and the processes that can make work in the kitchen easier and more profitable.

#### **Beside you after the sale**

Thanks to a reliable and customer-oriented organization, the MBM aftersales team ensures to your specialized technical personnel prompt support and constant training for the correct installation and maintenance of its equipment over time.



With MBM you choose much more than a kitchen!















# A reliable & highly performing base for your business

**MAGISTRA 980** is designed and produced to guarantee reliability and high performances in the kitchen over time.

Robustness, Performances and Convenience are the elements characterizing this line, designed to guarantee to the chef the maximum ease of cleaning and usability and to the engineers a quick installation and maintenance.

The quality of the materials, the reliable technology and the care for details make the **MAGISTRA 980** line an investment designed to last::

- Moulded watertight worktop in s/s AISI 304, thickness 1 mm
- Hygienic design and rounded corners for easy cleaning
- Cast iron removable high power burners
- Protected low consumption pilot flame
- Moulded and continuous-weld tanks
- Excellent alignment
- Upper & front accessibility for simple and quick maintenance
- Easy and quick installation thanks to rear slot

MAGISTRA 980 offers the most versatile cooking equipment range on the market thanks to the 40/80 modularity.



## Gas ranges

The **MAGISTRA 980** gas ranges line comprises models with 2/4/6 burner available as freestanding unit on an open cabinet, with gas or electric static oven, with 2 gas ovens or with gas maxi oven.

Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80/120/135. Excellent alignment.



#### Reliability

 Aisi 304 stainless steel watertight pressed worktop, tickness 1 mm

#### **Performance**

- Cast iron removable burners with self-stabilized flame
- Protected pilot flame

#### **Ease of use**

- Rounded corners
- Watertight pressed worktop
- Individual pan support on each burner

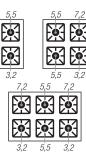




MODEL	External dimensions	Oven dimensions	Gas burners			Gas oven	Tot. gas power	Electric oven	Weight
MODEL	(cm)	(cm)	3.2 kW	5.5 kW	7.2 kW	(kW)	(kW)	(kW)	(Kg)
ON CUPBOARD	ON CUPBOARD								
<b>€</b> G2S8	40x90x85		1	1	-		8.7		60
<b>■</b> G4S8	80x90x85		1	2	1		21.4		100
<b>●</b> G6S8	120x90x85		2	2	2		31.8		140
WITH OVEN									
<b>■</b> G4SF8	80x90x85	54x70x30	1	2	1	7	28.4		150
₹ G4SFE8	80x90x85	54x70x30	1	2	1		21.4	6.75	150
<b>₫</b> G6SFA8	120x90x85	54x70x30	2	2	2	7	38.8		220
<b>₹ G</b> 6SFEA8	120x90x85	54x70x30	2	2	2		31.1	6.75	220
<b>€</b> G6SF2	135x90x85	54x70x30	2	2	2	7+7	45.8		230
<b>₫</b> G6SFM	135x90x85	100x70x30	2	2	2	9.5	41.3		225
<b>■</b> G6SFMG	135x90x85	100x70x30	2	2	2	9.5	41.3	0.4	225

#### **Characteristics of the product range**

The watertight pressed worktop is in 1mm AISI 304 stainless steel with drawn edges, it allows an efficient burning and prevents liquid overflowing, ensuring easier cleaning operations. The removable burners in enameled cast iron and the brass burner caps of 3,2 kW, 5,5 kW and 7,2 kW have double spreader with self-stabilizing flame, to cook safely and for simpler maintenance. The pilot flame is protected inside the main burner. New single cast iron pan. **Versions with GN 2/1 static oven:** stainless steel double-wall cooking chamber with enameled bottom, stainless steel double-wall door with insulating casing. The gas oven has 7 kW (9.5 kW for maxi oven) burner with self-stabilizing flame; thermostatic temperature control with safety valve and thermocouple; piezo-electric burner ignition. The electric oven has 6.75 kW stainless steel armoured heating elements placed on the bottom and on the top of the cooking chamber; thermostatic temperature control with separate bottom/top temperature control for maximum cooking flexibility.





## **Electric ranges**

The **MAGISTRA 980** electric range comprises models with 2/4/6 plates available as freestanding unit on an open cupboard, with an electric static oven or with electric maxi oven. Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80/120/135. Excellent alignment.

#### **Reliability**

 Aisi 304 stainless steel watertight pressed worktop, tickness 1 mm

#### **Performance**

Fast heating hot plates

#### **Ease of use**

- Rounded corners
- Watertight pressed worktop
- Antidrip profile
- Anti-overheating safety device



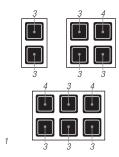




MODEL	External dimensions	Oven dimensions	Electric pla	ates power	Electric oven	Tot. power	Supply	Weight	
WIODEL	(cm)	(cm)	3 kW	4 kW	(kW)	(kW)	Зирріу	(Kg)	
ON CUPBOARD									
<b>₹ E2A8</b>	40x90x85		2	0		6	400V/3N/50/60	63	
<b>₹ E4A8</b>	80x90x85		3	1		13	400V/3N/50/60	92	
WITH OVEN									
₹ E4F8	80x90x85	54x70x30	3	1	6.75	19.75	400V/3N/50/60	140	
₹ E6FA8	120x90x85	54x70x30	4	2	6.75	26.75	400V/3N/50/60	200	
₹ E6FM	135x90x85	100x70x31	4	2	10	30	400V/3N/50/60	225	

#### **Characteristics of the product range**

The watertight pressed worktop is in 1 mm AISI 304 stainless steel. The fast-heating hot plates with safety device to prevent overheating, made in cast iron 300x300 mm, are watertight fixed to the worktop and are powered by 3 kW and 4 kW heating elements with 6 (+1) positions thermostat for optimized power control. Indicator lights show when each hotplate is in operation. Rounded corners and a moulded recess trap prevent overflowing, ensuring also easier cleaning. **Versions with GN 2/1 static oven:** stainless steel double-wall cooking chamber with enameled bottom, stainless steel double-wall door with insulating casing. The electric oven has 6.75 kW (10 kW for maxi oven) stainless steel armoured heating elements placed on the bottom and on the top of the cooking chamber; thermostatic temperature control with separate bottom/top temperature control for maximum cooking flexibility.





- 1. Electric plates power (kW)
- 2. Hotplates watertight fixed to the worktop



### Solid top

The **MAGISTRA 980** solid top range comprises one model on open stand, one model on gas static oven and one model with side burners (3,2 and 5,5 kW). Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 45/80/120. Excellent alignment.

#### **Reliability**

- AISI 304 stainless steel worktop, thickness 2 mm
- Cast iron heating plate, thickness 10 mm

#### **Performance**

• 12 kW cast iron burner with piezo-electric ignition

#### Ease of use

Isothermal zones for differentiated cooking

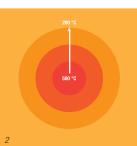


MODEL	External dimensions	Oven dimensions	Gas burners		Gas oven 7 kW	Cooking plate	Tot. gas power	Weight
MODEL	(cm)	(cm)	3.2 kW	5.5 kW	das oven 7 kw	COOKING Plate	(kW)	(Kg)
WITH OVEN								
<b>₫</b> GTA908	80x90x95		-	-		1 (12 kW)	12	160
<b>₫</b> GTF8	80x90x95	54x70x30	-	-	1	1 (12 kW)	19	200
<b>₫</b> GT2SDF8	120x90x85	54x70x30	1	1	1	1 (12 kW)	27.7	272

#### **Characteristics of the product range**

The worktop is in 1 mm AISI 304 stainless steel with pressed edges for liquid collection. The cooking plate with a surface area of 50 dm2 is in cast iron (10 mm thickness) with a removable central ring and it is powered by a 12 kW cast iron burner, placed under the central ring, with piezo-electric ignition and thermostatic control The hotplate surface reaches 500 °C in the center and decreases toward the edges up to approximately 200 °C, ensuring excellent isothermal zones for cooking over an indirect flame.





- 1. Cooking plate, 10 mm thickness
- 2. Isothermal zones for differentiated cooking



### Pasta cookers

The **MAGISTRA 980** pasta cooker range comprises models with one or two tanks of 40 liters of capacity, with gas or electric heating, available as freestanding unit on cupboard. Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80. Excellent alignment.

#### Reliability

- AISI 304 stainless steel worktop, thickness 2 mm
- AISI 316 anti-corrosion deep drawn tank
- Moulded and continuous-weld tanks

#### **Performance**

• Stainless steel burner with self-stabilizing flame

#### **Ease of use**

- Moulded edges for collection of liquids
- Expansion zone for collecting starches
- Rounded corners
- Straining grid for baskets









External dimensions Tank dimensions Tank capacity Gas burners Electric elements Tot. gas power Weight Model Supply (cm) (cm) (Lt) (kW) (kW) (kW) (Kg) ON CUPBOARD GC408/SC 40x90x85 51x30.5x27.5 40 14 70 14 GC9082V/SC 80x90x85 51x30.5x27.5 40+40 14+14 28 120 EC408/SC 40x90x85 51x30.5x27.5 40 9 9 400V/3N/50/60 70 EC9082V/SC 80x90x85 51x30.5x27.5 40+40 9+9 400V/3N/50/60

#### **Characteristics of the product range**

The worktop is in 1 mm AISI 304 stainless steel with moulded edges for liquid collection. The moulded tanks are in AISI 316 anti-corrosion stainless steel, with expansion zone for collection of starches and rounded corners for easy cleaning. The straining grid allows the simple support of the pasta basket. The optional pasta baskets are in AISI 304 18/10 stainless steel with thermal handle. **Gas versions:** stainless steel burner with self-stabilizing flame. Thermocouple safety device connected to the pilot flame. Piezo-electric burner ignition. **Electric versions:** electric heating elements in armoured stainless steel; power adjustment with four position switch; control of the temperature with operating and safety thermostat.





- . Moulded edoes for collection of liquids
- 2. Straining grid for baskets



# **Fryers**

The **MAGISTRA 980** fryers range comprises models with one or two tanks, with gas or electric heating, available as freestanding unit. Adjustable monoblock module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80. Excellent alignment.



#### Reliability

- AISI 304 stainless steel worktop, thickness 1 mm
- Moulded and continuously welded tanks

#### **Performance**

- High output cast iron burner
- Shut-off in case of overheating
- Increased reactivity in "N" models

#### **Ease of use**

- Large cold zone
- Large front drainer
- Oil collection tank with stainless steel filter
- Safety thermostat
- Tilting electrical heating elements
- Thermostat







Model	External dimensions (cm)	Tank dimensions (cm)	Tank capacity (Lt)	Gas burners (kW)	Electric elements (kW)	Total power (kW)	Supply (kW)	Weight (Kg)
ON CUPBOARD								
<b>●</b> GF408	40x90x85	30x40x31.5	18	15.2		15.2		73
<b>■</b> GF408N	40x90x85	30x40x31.5	18	15.2	0,03	15.2	230V/1N/50	73
<b>●</b> GF908	80x90x85	30x40x31.5	18+18	15.2+15.2		30.4		132
<b>■</b> GF908N	80x90x85	30x40x31.5	18+18	15.2+15.2	0,03	30.4	230V/1N/50	132
₹ EF408	40x90x85	30x40x25	18		16	16	400V/3N/50/60	73
₹ EF908	80x90x85	30x40x25	18+18		16+16	32	400V/3N/50/60	132

#### **Characteristics of the product range**

The worktop is in AISI 304 18/10 stainless steel of 1 mm thickness. The AISI 304 18/10 stainless steel tanks, moulded and with rounded corners, are fixed to the surface with continuous welding to facilitate cleaning operations and sanification. The large cold zone allows maintaining the quality of the oil unchanged longer and provides simpler removal of residues from frying. All the models have safety thermostat and thermostatic oil temperature regulation (90-190 °C), to keep the oil temperature within safety parameters. A large front drainer for greater ease of use and cleaning. The used oil outlet system is simple and safe with an oil collection tank with stainless steel filter. **Gas versions with inside burner:** high output cast iron burner with horizontal flame, thermostatic temperature control (90-190 °C), safety valve and thermocouple, automatic ignition with pilot flame and piezoelectric device. Increased rectivity in "N" models thanks to the elctric valve. **Electric versions:** armoured stainless steel electric heating elements inside the tank, easily tilted for complete cleaning; thermostatic temperature control. regolazione termostatica.



Moulded and continuously welded tanks



### Fry top

The **MAGISTRA 980** frytop range comprises a large range of models for contact cooking with smooth, ribbed or mixed cooking surface, also chrome-treated, with electric or gas heating. Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80. Excellent alignment.

#### Reliability

- AISI 304 stainless steel worktop, thickness 1 mm
- AISI 304 stainless steel back-splash, thickness 3 mm
- Hotplate thickness of 15 mm

#### **Performance**

Thermostatic temperature control

#### **Ease of use**

- Welded back-splash
- Gently sloping hotplate
- Grease collection drawer in stainless steel
- Independent burners/ heating elements (80 modules)







Cooking plate External dimensions Plate dimensions Weiaht Gas burners Electric elements Total power Supply Model (kW) 8 kW 6 kW (kW) (Kg) Smooth Ribbed Chromed (cm) (cm) ON CUPROARD GFT408 L/LC 40x90x85 37.5x71 1 8 90 8 GFT408 R 40x90x85 37.5x71 1 90 GFT908 L/LC 2 80x90x85 72.5x71 16 148 GFT908 LR/LRC 80x90x85 72.5x71 2 16 148 EFT408 L/LC 40x90x85 6 400V/3N/50/60 37.5x71 90 6 400V/3N/50/60 **EFT408 R** 40x90x85 37.5x71 90 EFT908 L/LC 80x90x85 72.5x71 2 12 400V/3N/50/60 148 EFT908 LR/LRC 80x90x85 72.5x71 400V/3N/50/60

#### **Characteristics of the product range**

The worktop is AISI 304 18/10 stainless steel with thickness of 1 mm. The back-splash, in AISI 304 stainless steel of 3 mm thickness, is welded to the cooking surface for greater ease of use and cleaning. The cooking plate with rounded front corners in smooth steel, with polished or solid chrome finish, has a thickness of 15 mm and slight tilt to facilitate cleaning operations and discharge of grease into a removable stainless steel basin with capacity up to 2 liters. In full moduly models differentiated cooking can be done with two independentlyheating electric burners/elements. The chrome finishing (LC and LRC models) allows cooking different foods in succession without the risk of transferring odors and flavors, thus avoiding having to clean the griddle plate between cooking individual items. In addition to facilitating cleaning operations, the chrome finish is characterized by lower dispersion of heat, making the working environment more comfortable. **Gas versions:** stainless steel burners with self-stabilizing flame and thermostatic temperature control for a quick recovery of the temperature set. Pilot flame with thermocouple safety control. Piezo-electric burner ignition. **Electric versions:** armoured stainless steel electric heating elements; thermostatic temperature control.



The grease is conveyed into a removable stainless steel basin



# **Charcoal grill**

The **MAGISTRA 980** charcoal grill range comprises both 1/2 and full module models, with gas heating, available as freestanding unit. Adjustable monoblock module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Excellent alignment.

#### **Reliability**

• AISI 304 stainless steel worktop, thickness 2 mm

#### **Performance**

• Independent burners (fully moduly models)

#### **Ease of use**

- Adjustable height cooking grill
- Stainless steel removable drawer for grease collection

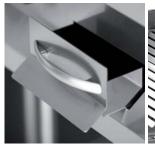




MODEL	External dimensions (cm)	Grid dimensions (cm)	N° grids	Gas burners 11 kW	Gas tot. power (kW)	Weight (Kg)
ON CUPBOARD						
<b>●</b> GPL408	40x90x85	41x60	1	1	11	65
<b>●</b> GPL908	80x90x85	41x60	2	2	22	110

#### **Characteristics of the product range**

The worktop is AISI 304 18/10 stainless steel with thickness of 1 mm. AISI 304 stainless steel cooking top with adjustable height by means of front levers and cast iron chimney. A removable stainless steel drawer collects the grease released during the cooking. The independent burners, in the full module models allow different cooking options.





- 2. AISI 304 stainless steel cooking top



# **Braising pans**

The MAGISTRA 980 braising pan range comprises freestanding models with gas or electric heating. Excellent alignment.

#### Reliability

• AISI 304 stainless steel worktop, thickness 1 mm

#### **Performance**

Thermostatic temperature control

#### **Ease of use**

- Rounded corners
- Sealed, balanced cover
- Large front handle

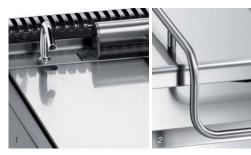




Weight Total power External dimensions Tank dimensions Tank capacity Gas burners Electric elements Model Supply (cm) (cm) (kW) (kW) (Kg) GBR 90x90x85 82x61x20 80 0.05 230V/1N/50/60 176 20 230V/1N/50/60 **GBRVI** 90x90x85 82x61x20 80 20 0.05 176 80 12 400V/3N/50/60 **EBR** 90x90x85 82x61x20 12 176 **EBRVI** 90x90x85 82x61x20 80 12 12 400V/3N/50/60 176

#### **Characteristics of the product range:**

The structure is AISI 304 stainless steel 18/10 with scotch-brite finishing. The tank has AISI 304 18/10 stainless steel walls and bottom available in mild steel or s/s AISI 304 ("VI" models). The tilting is manual. The rounded corners and the shaped front part facilitate unloading and cleaning operations. The stainless steel lid is balanced and has strong stainless steel AISI 304 hinges and an ergonomic front handle. Water load tap placed on the front of the unit. Gas versions: stainless steel burner with multiple arms for more even heat diffusion; gas valve with thermocouple, thermostatic temperature control (75-300 °C). Electric versions: armoured heating elements in stainless steel on the external bottom of the unit.



- Water load tap placed on the front of the unit
- 2. Stainless steel lid and ergonomic front handle



## **Boiling pans**

The **MAGISTRA 980** boiling pans range comprises 100/150 liters of capacity freestanding models with gas electric heating. Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Excellent alignment.

#### Reliability

- AISI 304 stainless steel worktop, thickness 1 mm
- Anti-corrosion AISI 316 stainless steel tank's bottom
- Pressure gauge (models with indirect heating)

#### **Performance**

Thermostatic temperature control

#### **Ease of use**

- Drawn edges for collecting liquids
- Sealed, balanced lid with side handle
- Easily removable drain filter







- 1. Safety valve
- 2. Brass drain tap with a removable filter

MO	DEL	External dimensions (cm)	Dimensioni pentola ØxH (cm)	Capacitá vasca (Lt)	Riscald Diretto	lamento Indiretto	Bruciatori a gas (kW)	Resistenze elettriche (kW)	Tot. (kW)	Supply	Weight (Kg)
ON	CUPBOARD										
4	G100	90x90x85	60x42	100	•		22.7		22.7		160
4	G100I	90x90x85	60x42	100		•	24		24		170
6	G150	90x90x85	60x52	150	•		22.7		22.7		165
4	G150I	90x90x85	60x52	150		•	24		24		175
1	E100I	90x90x85	60x42	100		•		14.4	14.4	400V/3N/50/60	165
*	E150I	90x90x85	60x52	150		•		14.4	14.4	400V/3N/50/60	175

#### **Characteristics of the product range:**

The 1 mm worktop is in AISI 304 with a moulded edges for collecting liquids. The pan is in AISI 304 with bottom AISI 316 for greater resistance to corrosion. The brass drain tap is equipped with a removable filter. The AISI 304 lid ensures minimal loss of steam and heat. Hot and cold water tap with swivel nozzle on worktop. **Gas versions:** thermostatic temperature regulation for precise control and fast recovery of the temperature set. Pilot flame with thermocouple safety device. Piezo-electric burner ignition. "Simmer" function for both the indirect gas and electric versions. Direct gas versions: s/s burner with self-stabilizing flame. **Indirect gas versions (mod. "I"):** AISI 304 interspace, s/s tubular burner with selfstabilizing flame and thermostatic temperature control. Safety valve with pressure gauge, interspace water-level viewer, "simmer" function. **Indirect electric versions (mod. "I"):** AISI 304 interspace, power adjustment with 4-position switch, pressure gauge for the automatic control of the interspace steam, safety valve with gauge, "simmer" function.



# **Bain-marie**

The MAGISTRA 980 bain-marie range is composed of 2 freestanding electric models. Adjustable mono-block module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80. Excellent alignment.

#### Reliability

- AISI 304 stainless steel worktop, thickness 1 mm
- Moulded and continuous-weld tanks

#### **Performance**

• Electric heating elements in armoured stainless steel

#### **Ease of use**

- Thermostat
- Excellent alignment with other modules
- Module with large drawer





MODEL	External dimensions (cm)	Tank dimensions (cm)	Tank capacity	Electric elements (kW)	Total power (kW)	Supply (kW)	Weight (Kg)
ON CUPBOARD							
₹ EBM408	40x90x85	31x69x16	GN 8/3	2.5	2.5	230V/1N/50/60	60
<b>₹</b> EBM908	80x90x25	63x69x16	GN 8/3	6	6	400V/3N/50/60	90

#### **Characteristics of the product range**

The worktop is in 1 mm AISI 304 stainless steel. The AISI 304 stainless steel tanks are moulded and continuous weld. Gastronorm 4/3 basin capacity for module 40 and 8/3 for module 80. Electric heating with armoured stainless steel elements, set on the external bottom of the tanks and controlled by a thermostat.



- Gastronorm 4/3 basin capacity for module 40
- 2. Gastronorm 8/3 basin capacity for module 80



# **Neutral worktops**

The **MAGISTRA 980** series comprise neutral worktops in freestanding versions. The worktop is AISI 304 18/10 stainless steel with thickness of 1 mm. Half module available with drawers version too. Adjustable monoblock module height from 85 cm to 90 with wide feet swing to reach a net underneath height to 20 cm for a comfortable cleaning. Modularity: 40/80. Excellent alignment.

#### **Reliability**

- AISI 304 stainless steel worktop, thickness 1 mm
- Moulded and continuous-weld tanks

#### **Ease of use**

- Perfect allignement with other modules
- Module with large drawer



Model	External dimensions (cm)	Weight (Kg)
N408	40x90x85	65
N480C	40x90x85	70
N908	80x90x85	108

#### **Characteristics of the product range**

The 1mm worktop is in AISI 304. the formed panel and the aesthetic chimney make every element, 40 and 80 module, perfect to align to other modules. The 40 module is available also with an exctractable tools holder drawer. Wide open cabinet; doors available as optional.





<sup>1.</sup> Adjustable feet from 85 to 90 cm

2. Aesthetic chimney





