

*Fire has its legends*

**Axis**<sup>®</sup>

INTEGRAL FIRE

*Les foyers verts*<sup>®</sup>

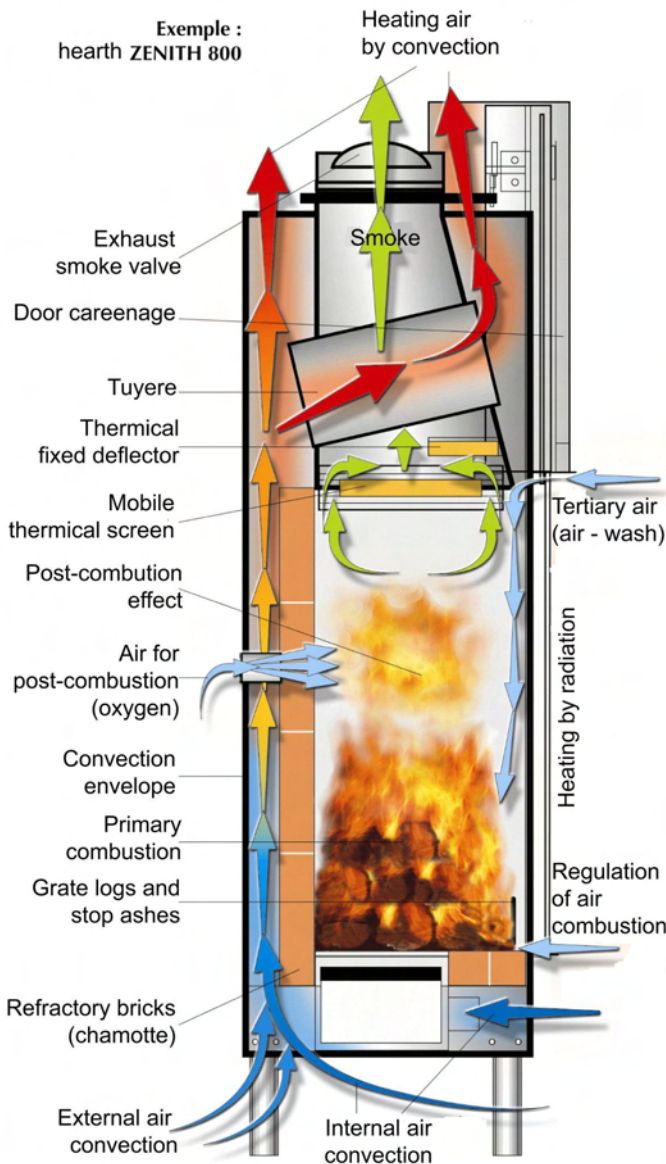


*J. Gredin  
2005*



## ALL ABOUT A X I S HEARTH S

### A X I S POST - COMBUSTION



Autoregulation of post-combustion with decompression-chamber.

Système AXIS : registered I.N.P.I. n° 093725

This concept has obtained the ANVAR support n° 1460 - 12/9/1999

### APPROVED HEARTH S NF EN 13229

- Appliance Co class : **0.08 % to 0.19 %**
- Appliance efficiency : **60 % to 75 %**
- Guaranteed nominal power 10 at 19 Kw/H
- % of losses by non burning solids : 0

### HEARTH TRIPLE PARTITION

- Fireproof bricks for the accumulation ( NF EN ISO 9002 )
- Heater for the exchange ( EN 10111 )
- Dubbing for the convection ( EN 10025 )

### TRIPLE ACTION OF HEATER

- Radiation
- Accumulation
- Convection

They warm several hours after the stop of the fire.  
**Autonomy of heater => 10 H 00 am with inertia of the fireproof. For the accumulation, the fireproof mass is essential, that is why its thickness is 6 cm.**

**Total and clean combustion, issue or reduced Co at least : 0.08 % for 0.19 % in according EN 13229**

**All the hearth AXIS is tested and validated by the independent C.T.I.F. laboratory approve. Hearths intermittent for wood logs of wood in 15 % of humidity.**

**Individual technical index card for every model on inquiry.**

## TO KNOW EVERYTHING ON A X I S HEARTHS

AXIS is only a designer – manufacturer of hearths dedicated to the professionals, the manufacturers of fireplaces to measures and up-market standard.

Hearth AXIS is guaranteed 5 years. *(Conditions on every guarantee bill delivered with the hearth)*

### COMMON CONCEPT HAS THE WHOLE RANGE A X I S

1 ° Technique of common manufacture.

All the details components hearth A X I S is produced by a laser (thus no variations of quotations) then folded on digitally operated machine.

the bodies of hearths are a mechanic welded on size.

The final assembly is made in our workshops insuring the total mastery of the finish and the quality of our products.

### THE POST-COMBUSTION

#### The post – combustion equips all the hearths A X I S

The principle consists in injecting some oxygen into a certain height to provoke a combustion of gases before their evacuation in the atmosphere.

Its advantages are the following ones :

- **Total combustion** : % of losses by non burning solids = 0
- **Less emission of Co and Co<sup>2</sup> in the atmosphere**
- **longer duration of the fire**
- **bricks and windows clean** ( wood to 15 % of humidity)

### ESTHETIQUE

All the hearth AXIS can work door opened or closed according to the conditions of installation and use.

1) In opened position (door up) the inside bricks remind the pleasure and the discretion of the hearth traditional opened fire.

2) In closed position ( lowered door) the spectacle of the fire remains intact thanks to discreet profiles of door, to this adds the safety and the performance of the fire to closed hearth.

Hearth AXIS exists in 4 finishes of door:

Door grey cast-iron, door chroma, gilded door with gold 24 K, brass plated door.

## TECHNICO COMMERCIAL DESCRIPTION

- **Body:** monoblock by waterproof soldering ( no possible deformation)
- **Circuit of fins of distribution** allowing a good rigidity and increasing the surface of thermic exchange.
- **Tuyère of avaloir:** play a role of stiffener, create a passage of compulsory air which allows the decrease of the temperatures of smokes and improve the exhaust (venturi effect)
- **Combustion chamber:** realized in fireproof bricks (cooked in 1350 °) assembled mechanically (no problem of dilation) directly applied to the heater what allows a uniform and permanent transmission of the accumulated heat. This fireproof mass favors:
  - **The drying of the wood**
  - **Its gasification**
  - **Its final combustion**
  - **Bricks are knockdown and replaceable in the unity.**

**The importance of this fireproof mass** (100 in 250 kg according to model) allows the restoration of the heat several hours after the stop of the fire.

### Heater by natural thermo-traffic

The combustion chamber is equipped with a mobile double grid in cast iron, which allows an easy removal of ashes

- **Doors :** escamo-beating with traffic of air and stainless joint for preservation of the pane, on certain models doors are equipped with a magnet added to their system of locking what decreases any inconvenient beating in case of installation in a windy zone.
- **Door lift up :** realized by chains and pinions of high quality which allow a silent slip of the carriage. Doors and wagon are completely knockdown by the facade without intervention on the surround.
- **Embase of door :** its conception offers the possibility of putting the stone there edge to edge or of sliding it under this embase of door.
- **Piètement :** insure the sat of the hearth and allows a direct installation the ground or on the paving stone, it integrates the inflows of air of convection by directional or detachable removable covers 4 feet are delivered with every hearth.
- **Order of valve exhaust :** limited device of exhaust for fume integrated (adjustable 3 positions) positioned to the right preventing the opening of the door in position of closed position. **Automatic opening in the door lift up avoiding the expulsions of smoke in the room.**
- **Envelope of convection :** this envelope allows the traffic and the distribution of the warm air  
4 exits diameters 125  
Natural convection the fresh air arrives or directly under the hearth when this one is put on these feet or by the detachable opercules foreseen in the piètement (hearth put directly on the ground without these feet).

The warm air is channelled what decreases and lowers the peripheral temperatures of the hearth (50 ° c)

- **Careenage of door :** this careenage protects the pane during the transport and prevents (in case of bad use) smokes from scattering in the hood.

# APPROVAL CERTIFICATION BY – C.T.I.F. – EN 13229 FOR EVERY HEARTH



## RECORDING AFTER 3 TRIAL DAYS – CLEAN BRICKS AND WINDOWS



LABORATORY C.T.I.F. 92318 SEVRES ( France )

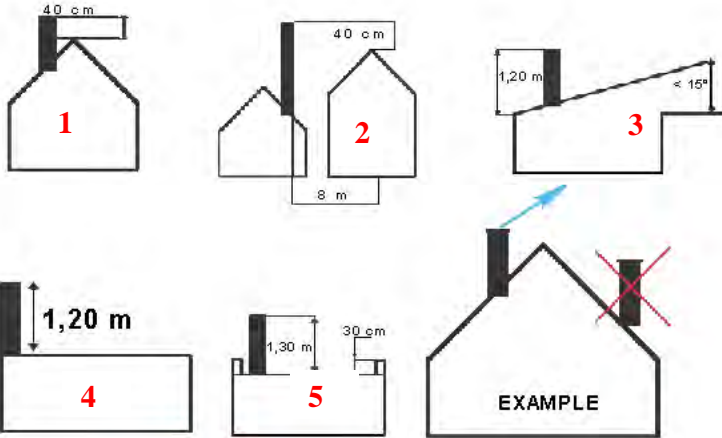
A X I S Z.A. LA PELISSIERE 01300 BELLEY – FRANCE

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Email : [contact@cheminees-axis.com](mailto:contact@cheminees-axis.com)

Site : <http://www.cheminees-axis.com>

# INSTALLATION - DIAGNOSTIC



Type of hearth : .....  
 Date of installation : .....

## CHIMNEY STACK

Type : 1  2  3  4  5

Conformity : Yes  No

If non-conformity :  
 Stack clearance – distance : .....  
 Obstacle at less than 8 m – distance : .....

## FLUE

Insulated metal   
 Chimney blocks FF   
 Other : .....

Total Height (H) : .....  
 Insulated  Un-insulated   
 Internal section : ..... cm  
 Lined flue : Yes  No   
 Lining Diameter : .....  
 Bend in flue : Yes  No   
 Angle : ..... degrees

## FLUE SPIGOT

Decrease in size: Yes  No   
 Ratio of decrease : .....  
 Bend in spigot : Yes  No   
 Angle : ..... degrees  
 Type of connection to flue  
 By metal element:   
 Masonry joint :   
 Other : .....

Flue draught value  
 When hot : ..... pascals  
 When cold : ..... pascals

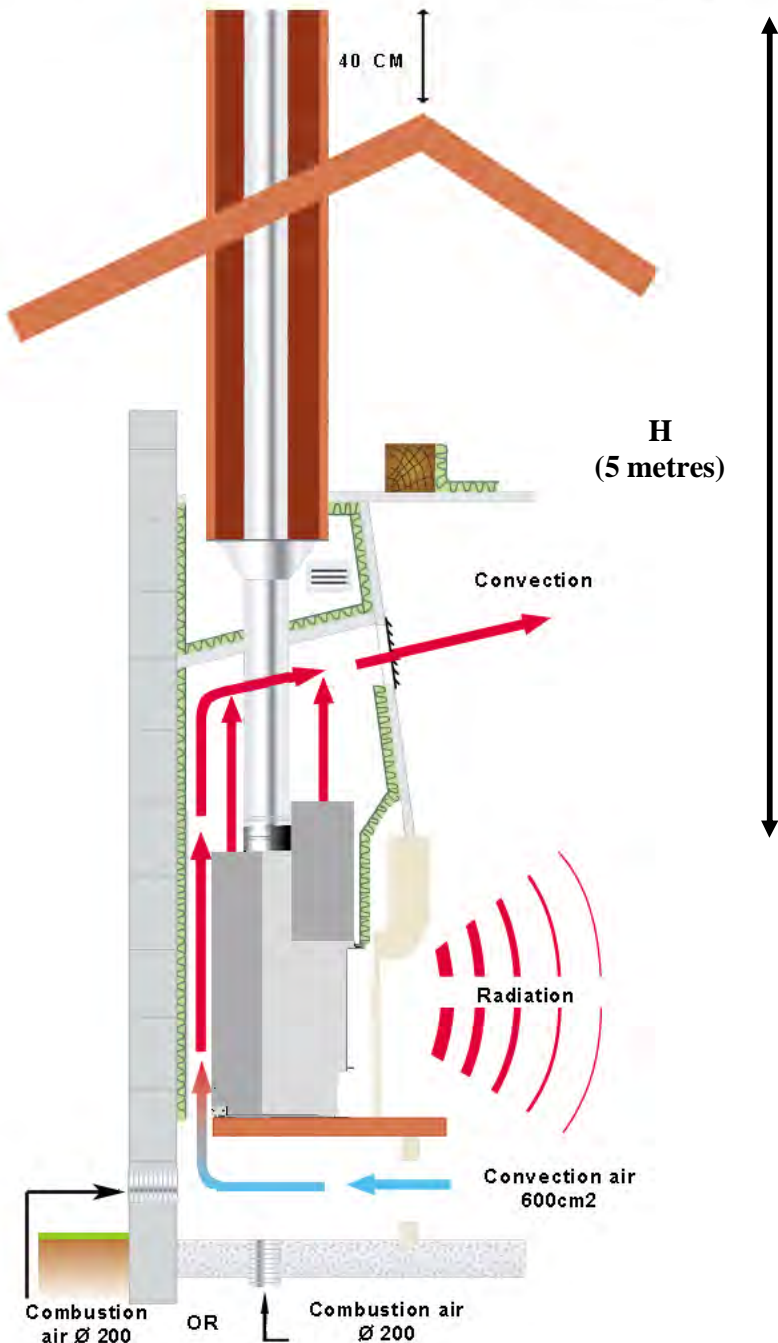
## AIR INLET

Hearth installed on feet   
 Hearth installed without feet   
 Combustion air : Yes  No   
 Diameter (or surface) : ..... cm (cm<sup>2</sup>)  
 Exterior  Basement   
 Garage  Underfloor space   
 Control valve : Yes  No













## CONVECTION AIR













Yes  No  surface : ..... cm<sup>2</sup>


Please check relevant box  $\neq$



**INTERMITTENT HEARTH  
EFFICIENCY AND Co EMISSIONS ACCORDING TO REFERENCE EN 13229**

Hearth	Référence	Nominal Power	Efficiency	Co at 13 %	Dust mg/Nm <sup>3</sup>
	AX F 800 I	10.0 Kw	72.50%	0.12%	< 75 mg
	AX F 1000	15.0 Kw	72.00%	0.05%	19 mg
	AX F 1200	17.0 Kw	72.30%	0.11%	18.9 mg
	AX F 1400	19.0 Kw	72.30%	0.11%	18.9 mg
	AX Z 800 I	11.0 Kw	71.70%	0.17%	< 75 mg
	AX P 900	13.3 Kw	74.25%	0.11%	16 mg
	AX P 1100	15.0 Kw	72.00%	0.05%	19 mg
	AX F 800 B	10.0 Kw	72.50%	0.12%	< 75 mg
	Z 800 B	11.0 Kw	71.70%	0.17%	< 100 mg
	AX EPI 950	12.0 Kw	72.50%	0.18%	< 100 mg
	AX 3 V 900	13.3 Kw	74.25%	0.11%	16 mg
	AX F 1000 H	15.0 Kw	72.00%	0.05%	19 mg

Hearth	Référence	Nominal Power	Efficiency	Co at 13 %	Dust mg/Nm <sup>3</sup>
	AX B 900	13.3 Kw	74.25%	0.11%	16 mg
	AX B 1100	15.0 Kw	72.00%	0.05%	19 mg
	AX VLG 900	13.3 Kw	74.25%	0.11%	16 mg
	AX VLD 900	13.3 Kw	74.25%	0.11%	16 mg
	AX DF 1000	15.0 Kw	72.00%	0.05%	19 mg
	AX H 1200	17.0 Kw	72.30%	0.11%	18.9 mg
	AX H 1400	19.0 Kw	72.30%	0.11%	18.9 mg
	FH 1200 VLG	16.4 Kw	72.30%	0.11%	18.9 mg
	FH 1200 VLD	16.4 Kw	72.30%	0.11%	18.9 mg
	FH 1200 DF	16.4 Kw	72.30%	0.11%	18.9 mg
	FH 1200 3V	15.0 Kw	72.30%	0.11%	18.9 mg
	AX DF 1000 H	15.0 Kw	72.00%	0.05%	19 mg

	AX R 180°	10.0 Kw	61.00%	0.08%	< 75 mg
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# AX F 800 I POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 10 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,12 %
- Appliance efficiency : 72,5 %
- Dust : < 75 mg/Nm<sup>3</sup>
- Smoke temperature : 312° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

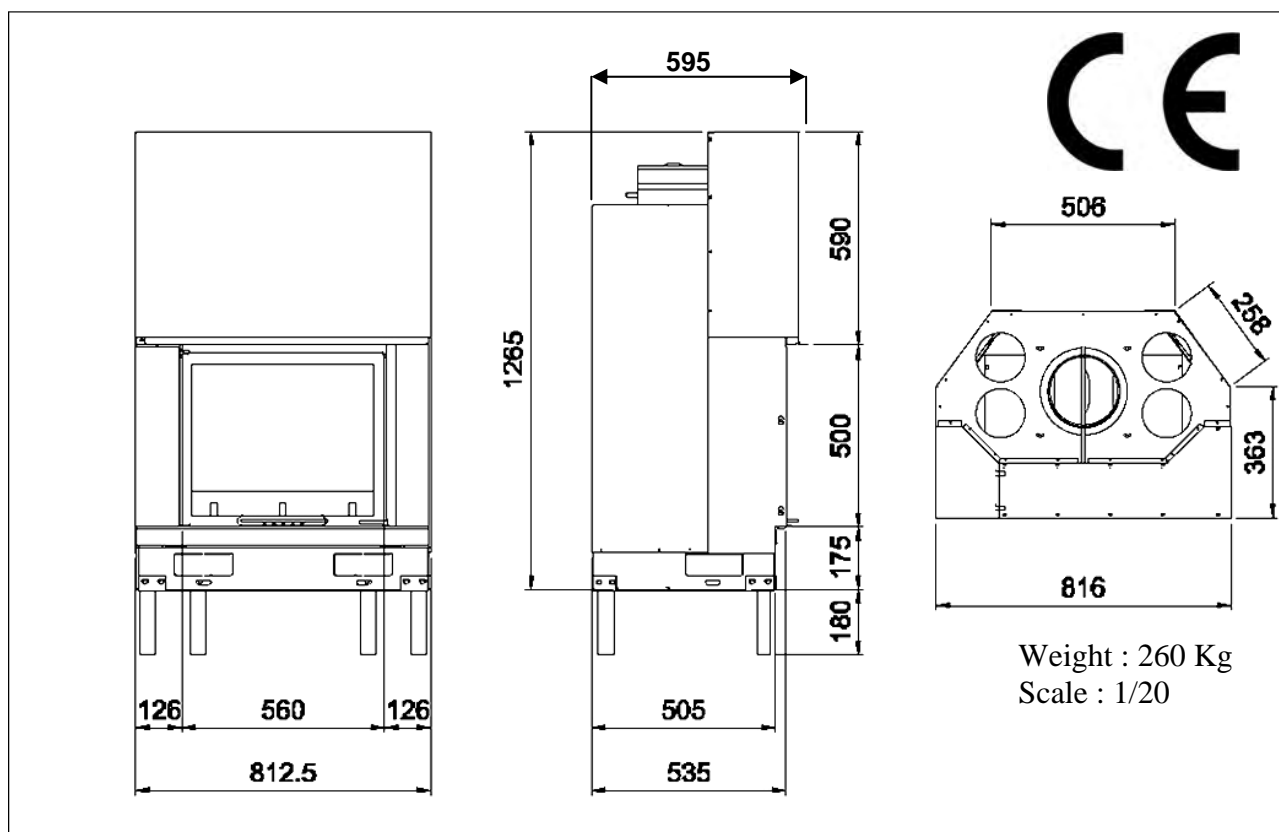
## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 200 – hot air outlets Ø 125

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# AX F 1000 POST-COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM



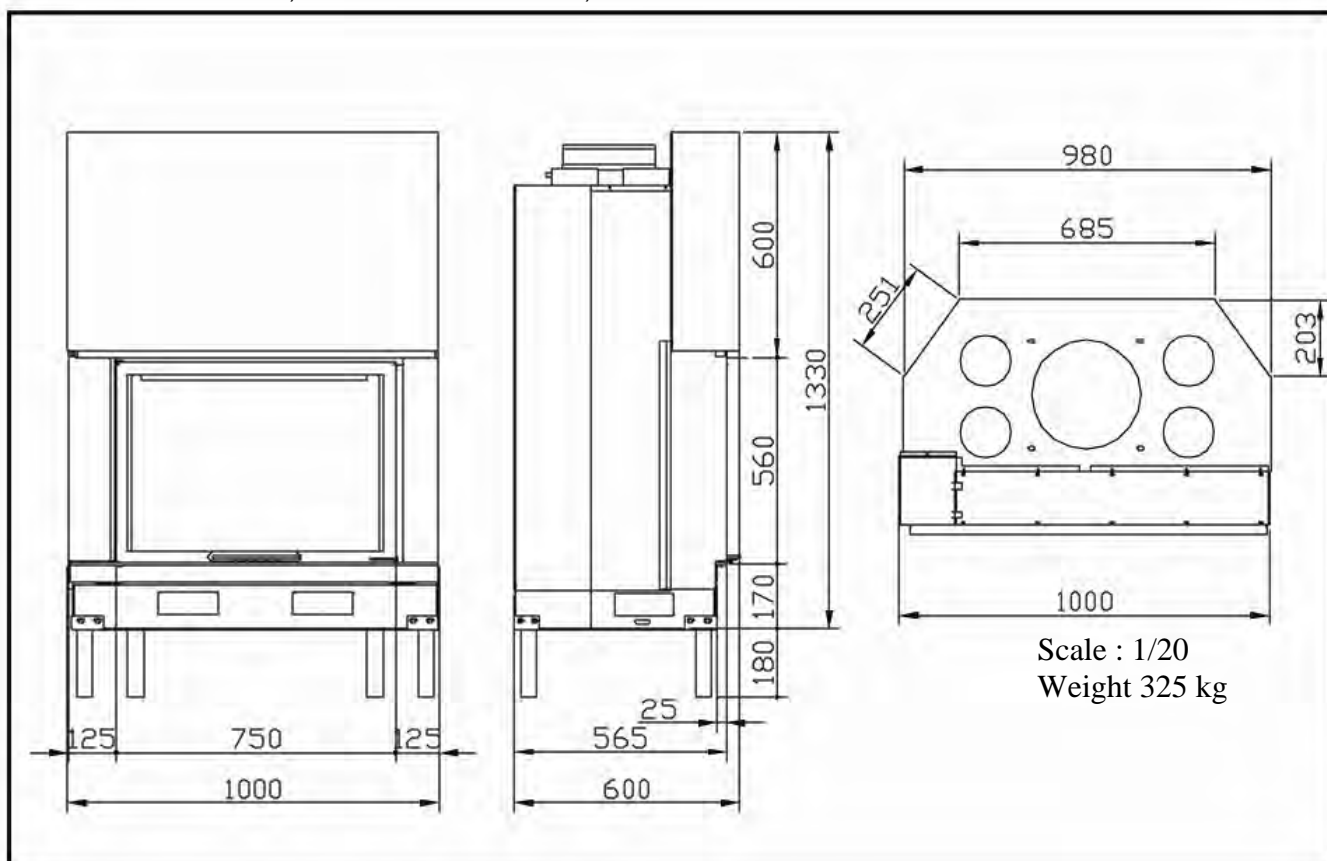
- Nominal power : 15 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 322° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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# AX F 1200 POST-COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

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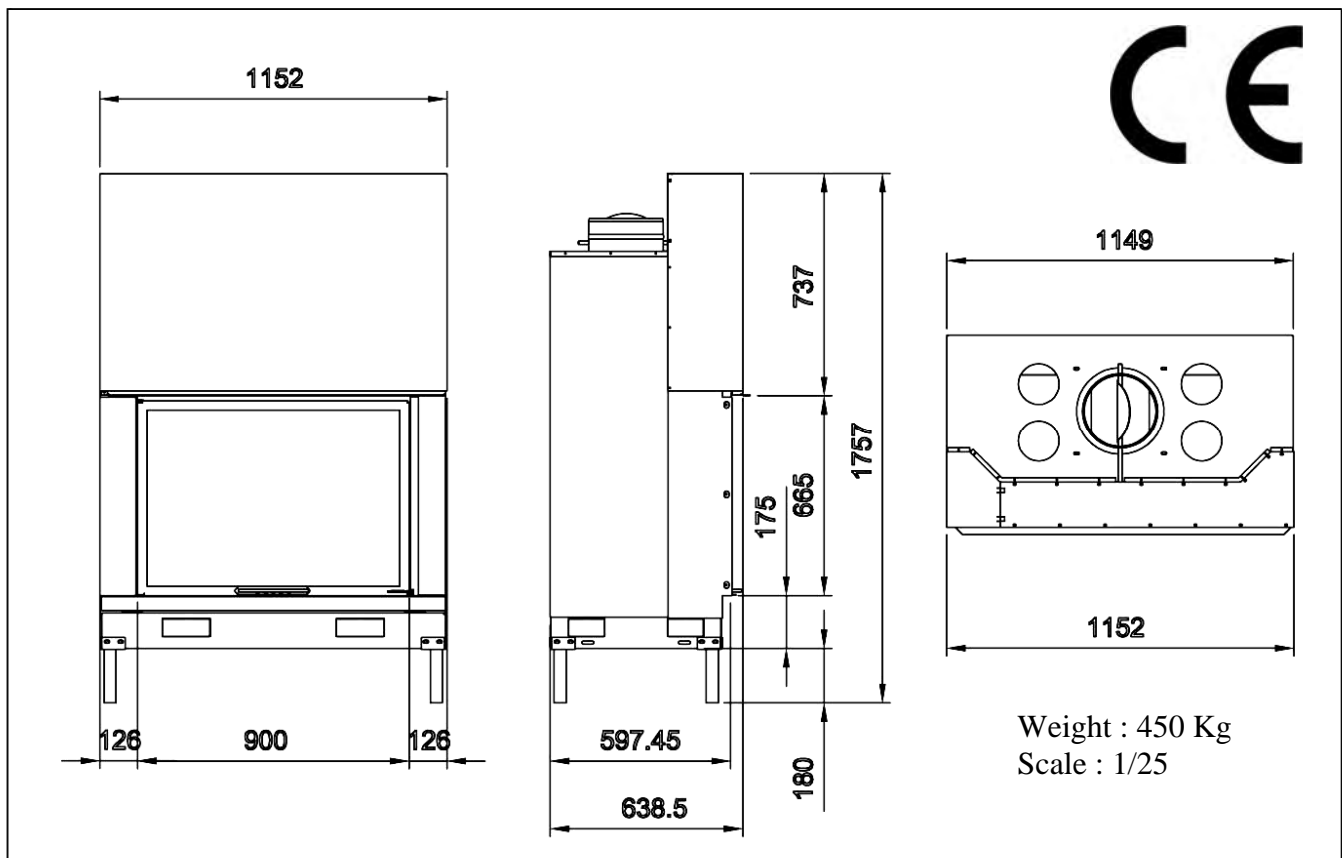
- Nominal power : 17 kwh
- Consumption : 6.5 kg
- Co at 13% of O<sup>2</sup> : 0.11 %
- Appliance efficiency : 72,3 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 280 – hot air outlets Ø 125



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## AX F 1400 POST-COMBUSTION



Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

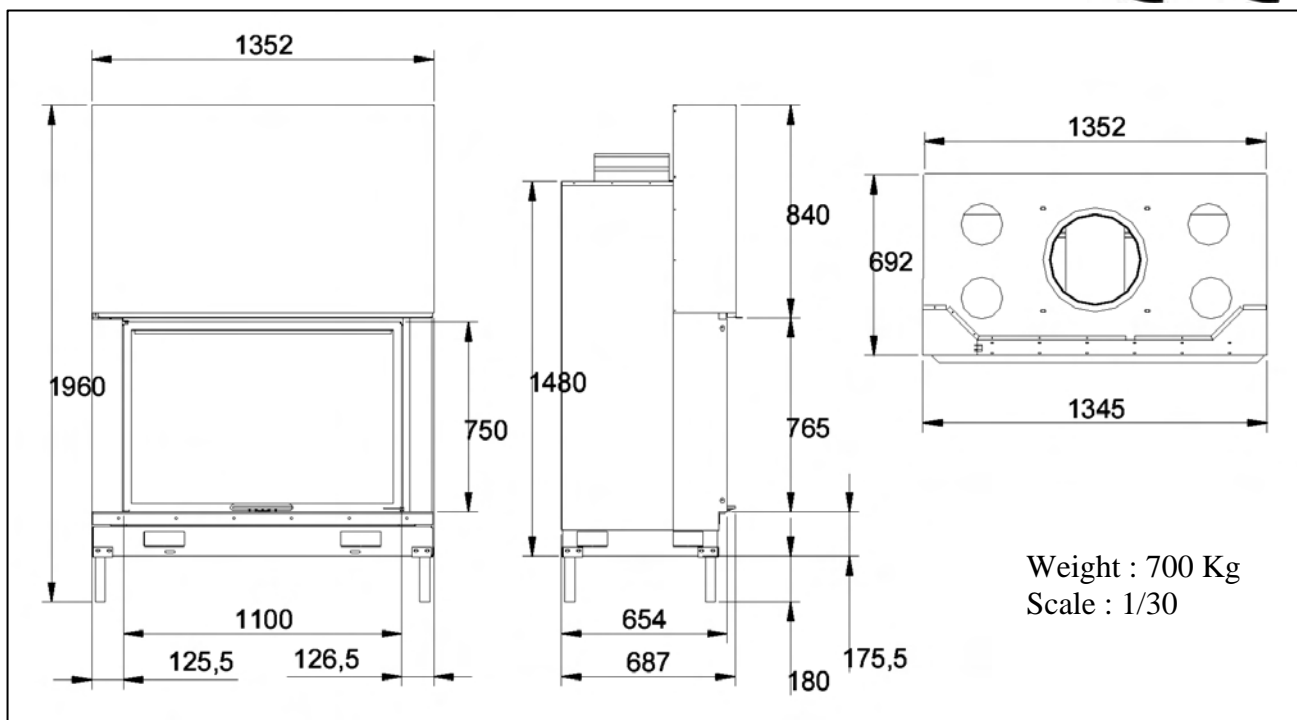
- Nominal power : 19 kwh
- Consumption : 7.8 kg
- Co at 13% of O<sup>2</sup> : 0.11 %
- Appliance efficiency : 72,30 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 290° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 300 – hot air outlets Ø 125



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# VERTICAL HIGH VIEW AX ZENITH 800 I POST-COMBUSTION



Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

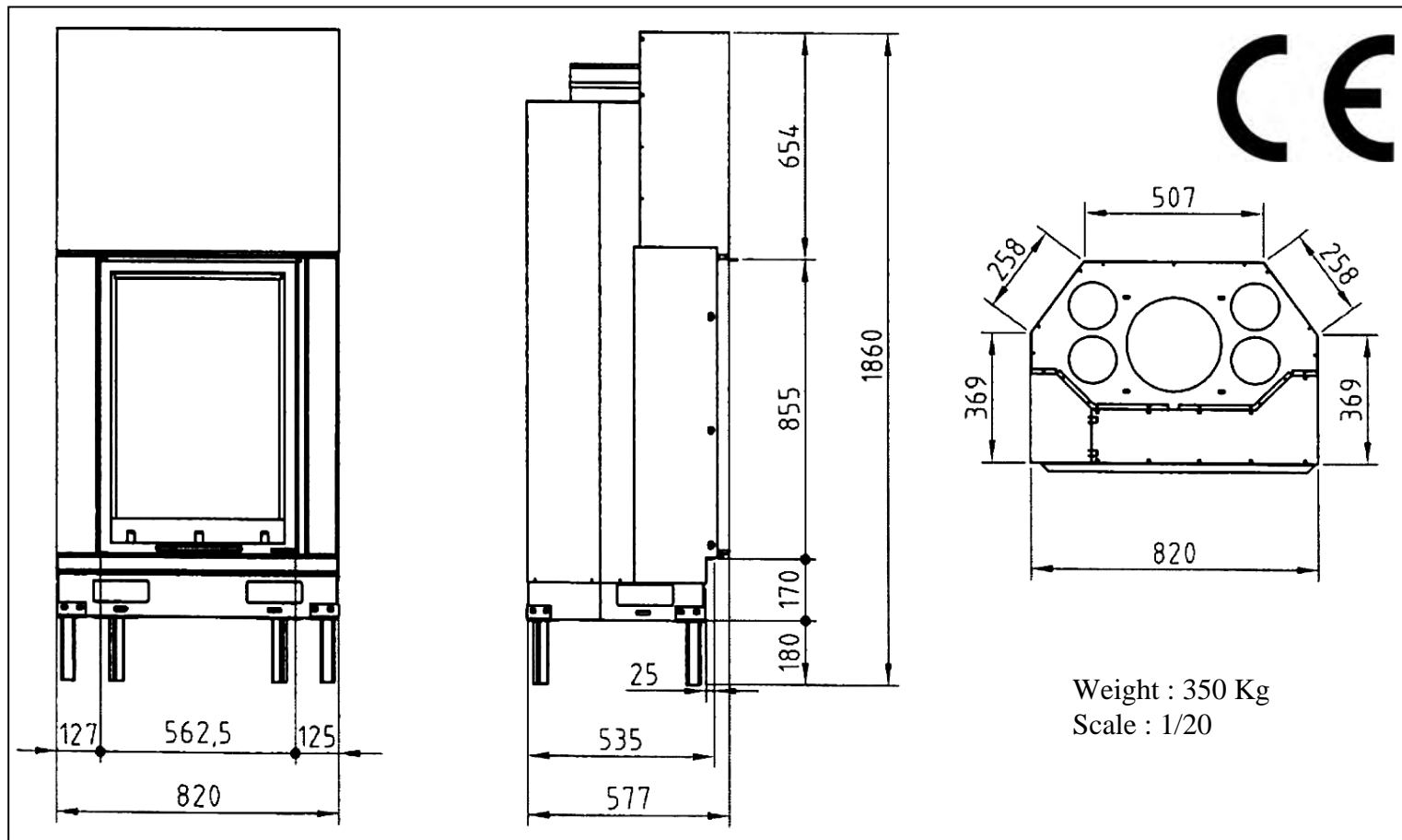
- Nominal power : 11 kwh
- Consumption : 4.3 kg
- Co at 13% of O<sup>2</sup> : 0,17 %
- Appliance efficiency : 71,7 %
- Dust : < 100 mg/Nm<sup>3</sup>
- Smoke temperature : 256° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 230 – hot air outlets Ø 125



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# VERTICAL CURVED AX ZENITH 800 B POST-COMBUSTION



**Standard NF – EN 13229. Certified by C.T.I.F.**

Type I.S.B. SF EM

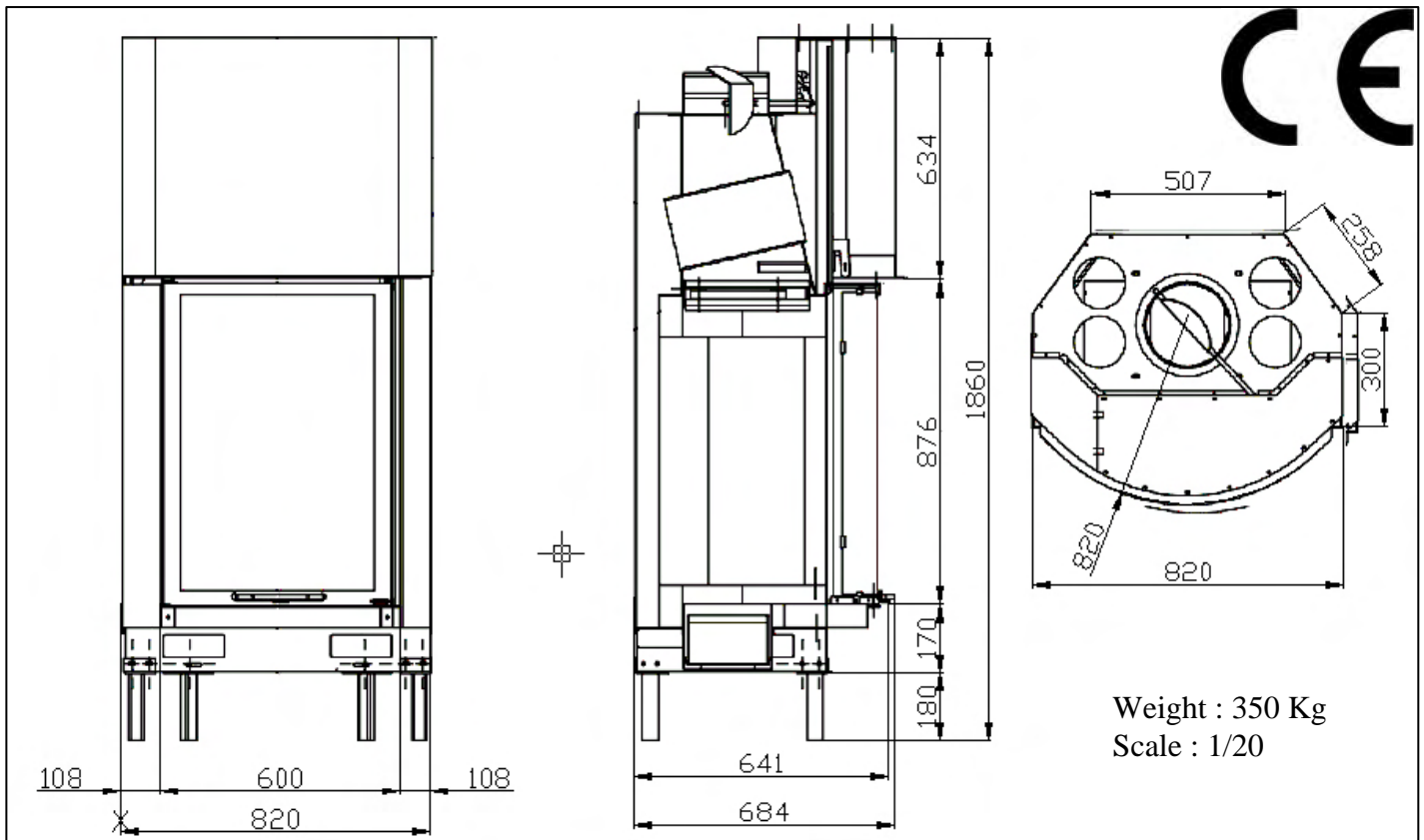
- Nominal power : 11 kwh
- Consumption : 4.3 kg
- Co at 13% of O<sup>2</sup> : 0.17 %
- Appliance efficiency : 71,7 %
- Dust : < 100 mg/Nm<sup>3</sup>
- Smoke temperature : 316° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 230 – hot air outlets Ø 125



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# AX P 900 POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.  
Type I.S.B. SF EM



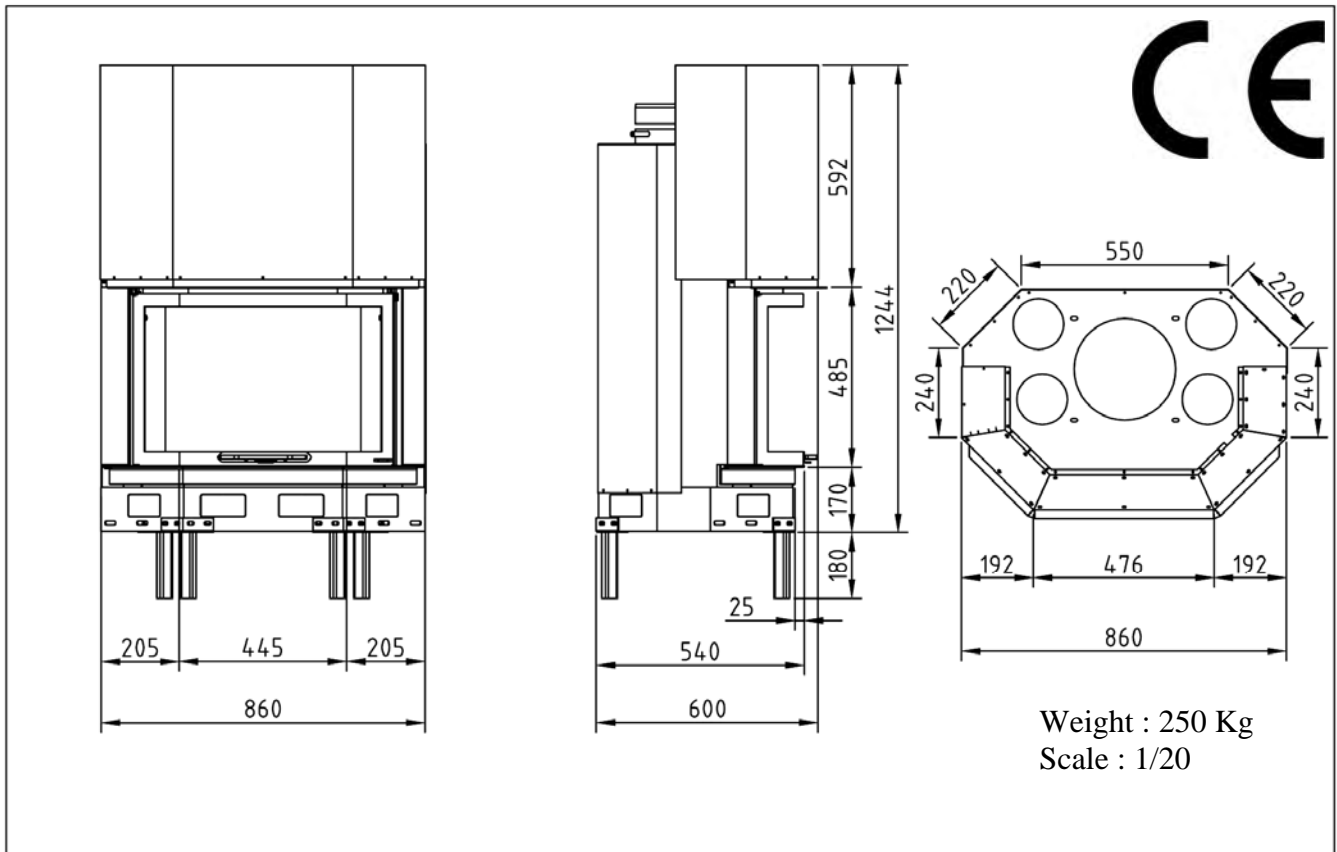
- Nominal power : 13,3 kw/h
- Consumption : 5.33 kg
- Co at 13% of O<sup>2</sup> : 0.11 %
- Appliance efficiency : 74,25 %
- Dust : < 16 mg/Nm<sup>3</sup>
- Smoke temperature : 335° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 230 – – hot air outlets Ø 125



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# AX P 1100 POST COMBUSTION



**Standard NF – EN 13229. Certified by C.T.I.F.**

Type I.S.B. SF EM

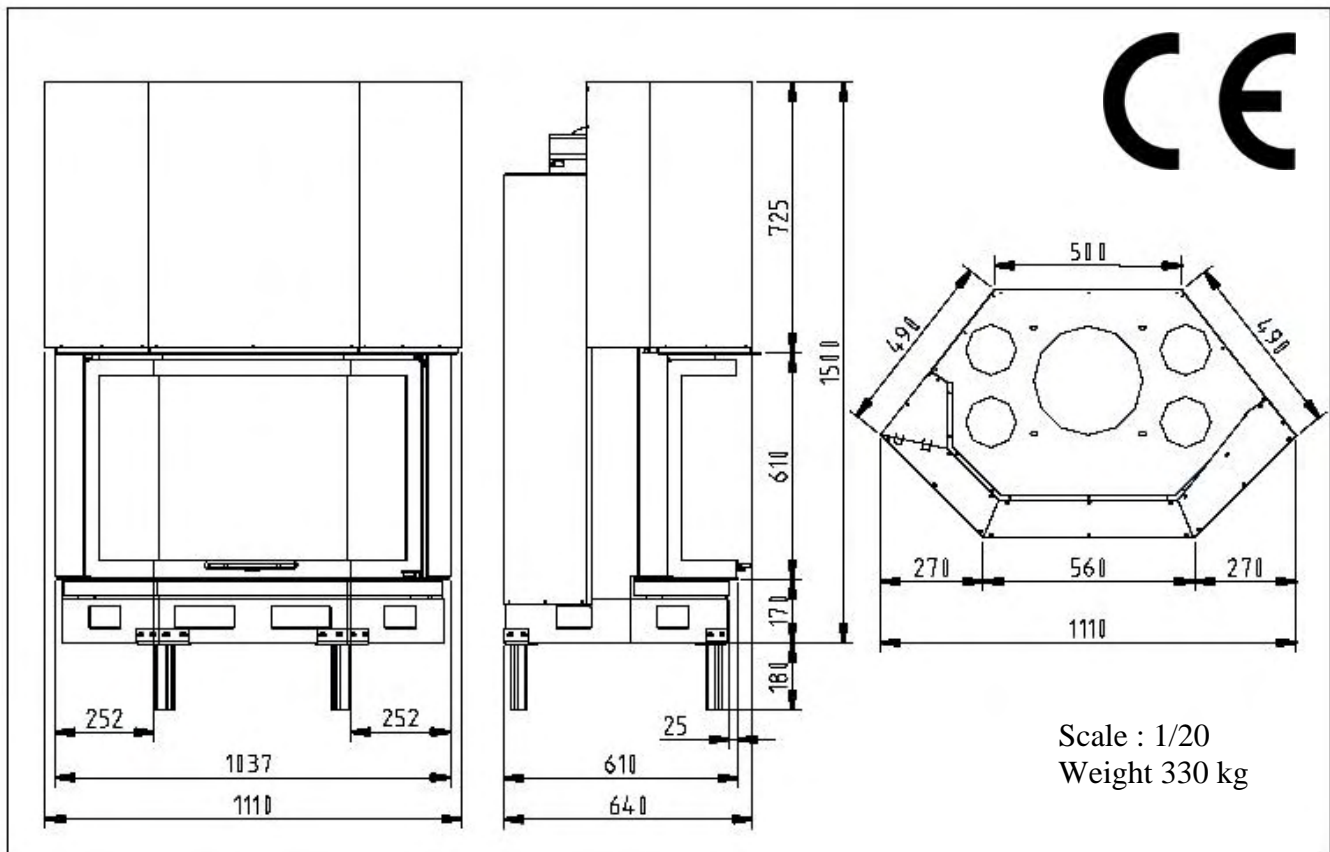
- Nominal power : 15 kwh
- Consumption : 6.0 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 332° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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# AX F 800 B POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 10 kw/h
- Consumption : 5.33 kg
- Co at 13% of O<sup>2</sup> : 0.12 %
- Appliance efficiency : 72,5 %
- Dust : < 75 mg/Nm<sup>3</sup>
- Smoke temperature : 312° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

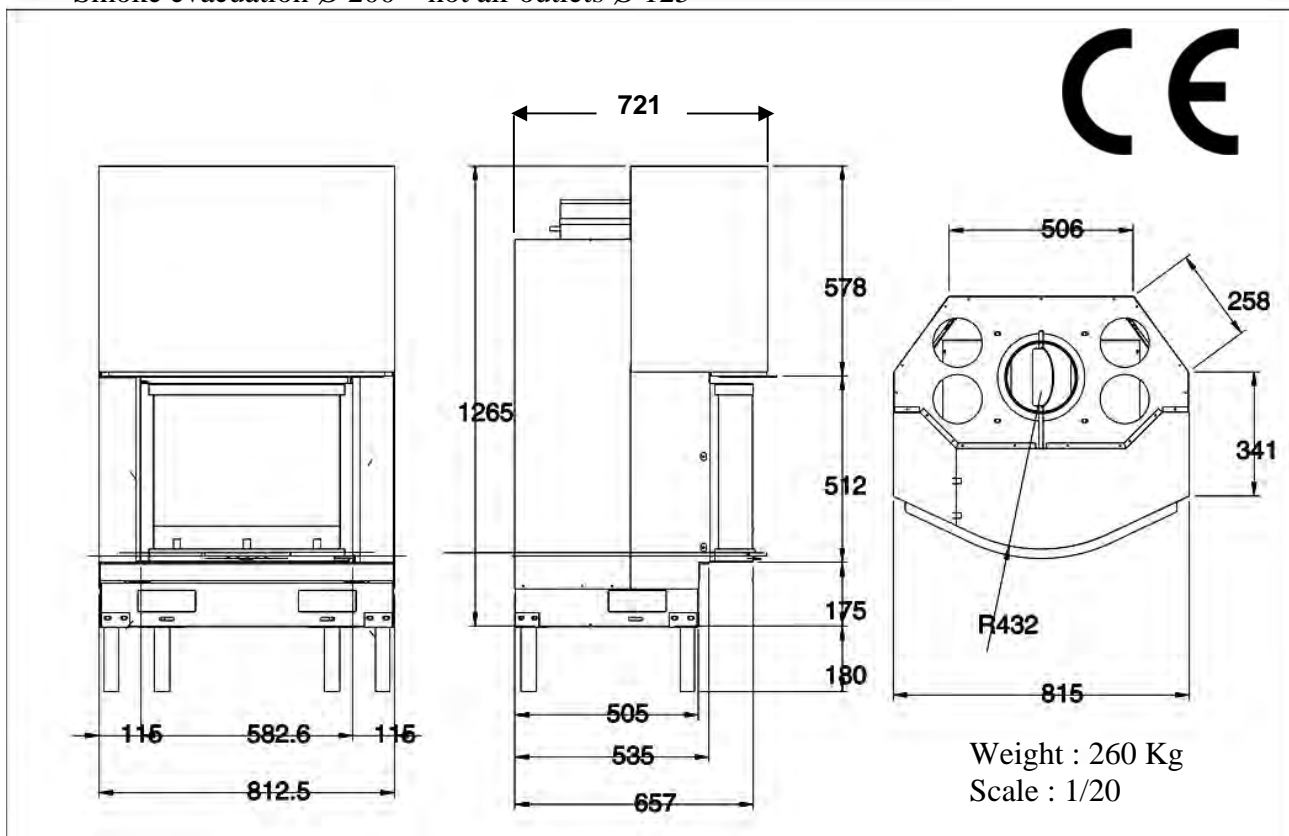


## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 200 – hot air outlets Ø 125



AXIS : ZA La Pélessière – 01300 BELLEY FRANCE

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# AX B 900 POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 13,3 kw/h
- Consumption : 5.20 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 74,25 %
- Dust : 16 mg/Nm<sup>3</sup>
- Smoke temperature : 335° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

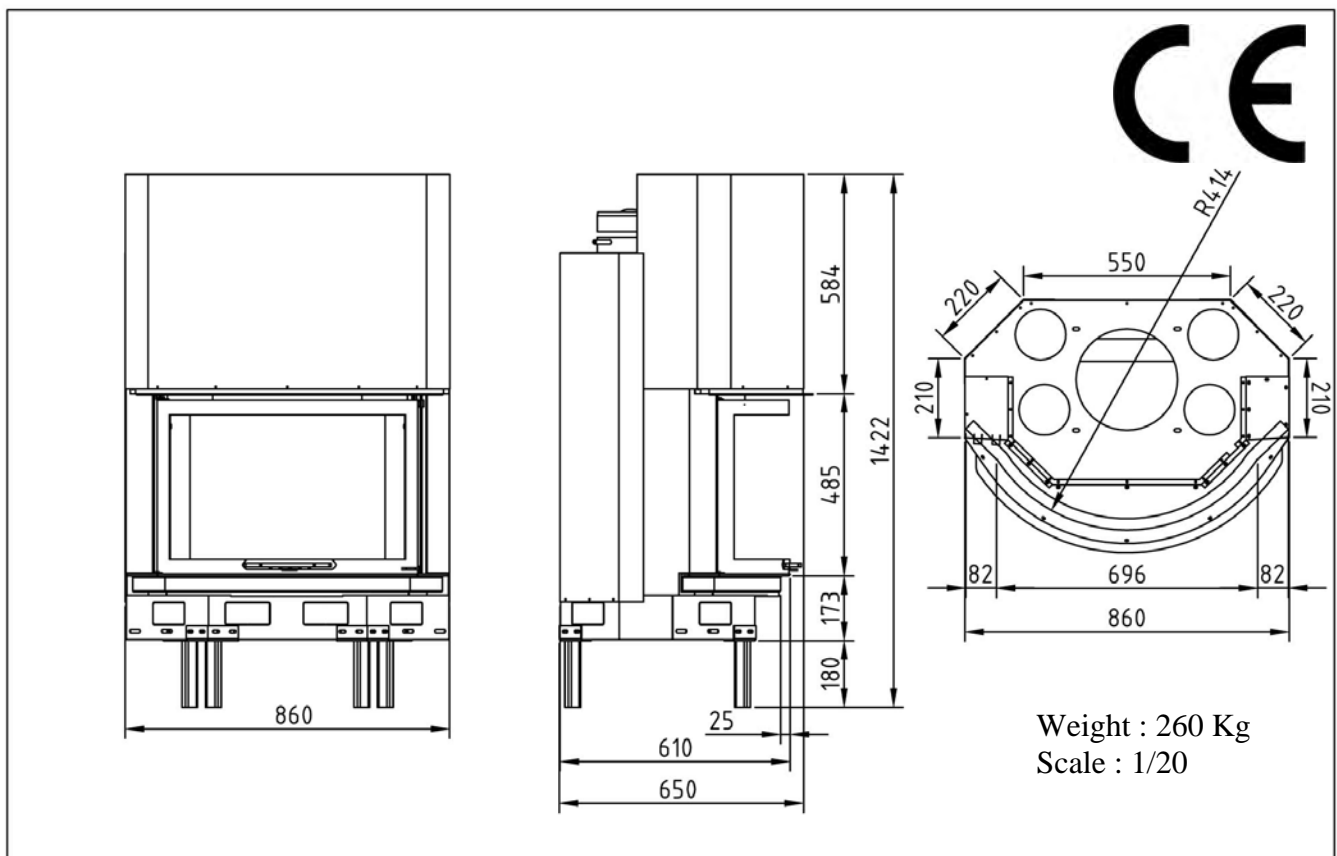


## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum if necessary  
remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with  
decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting  
the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 230 – hot air outlets Ø 125



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# AX B 1100 CURVED POST-COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

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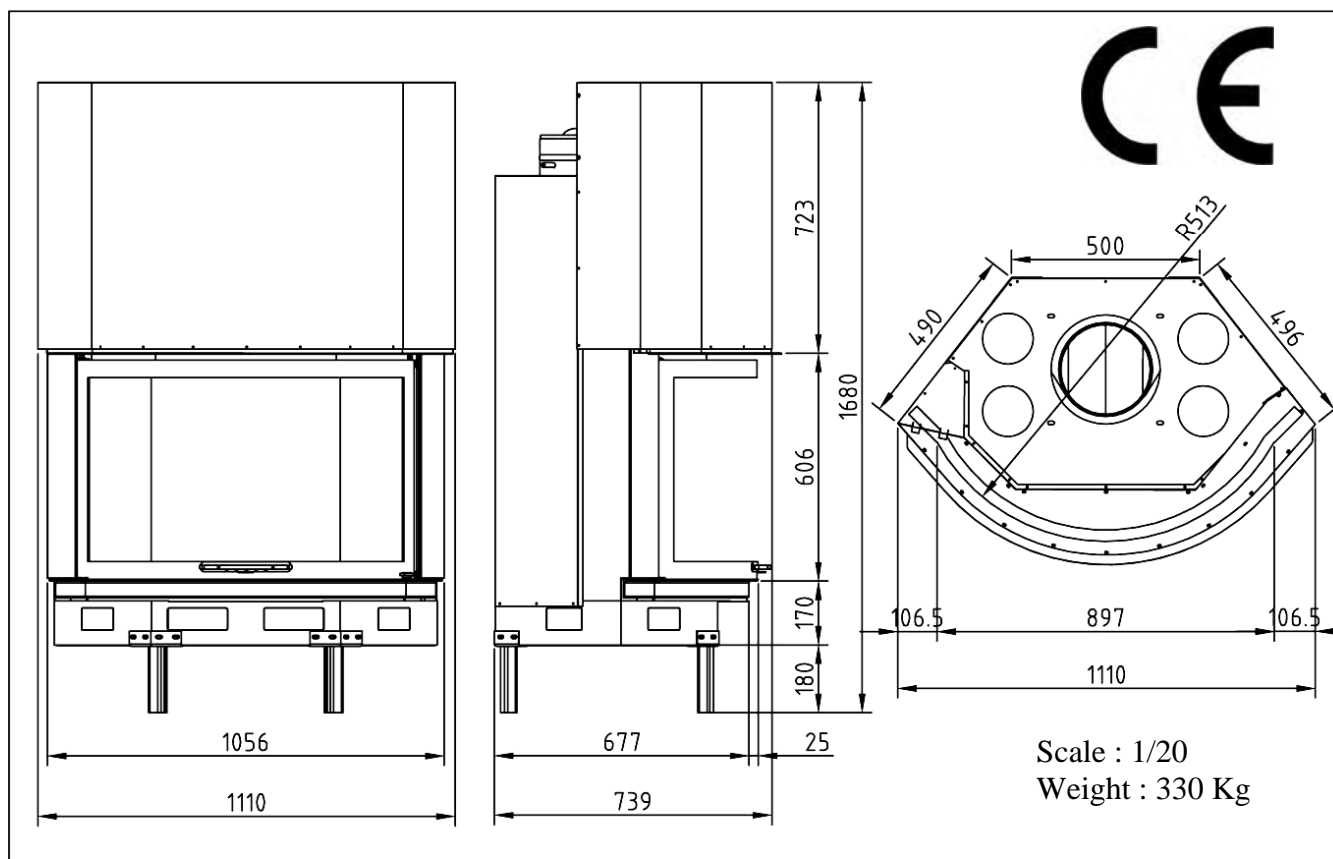
- Nominal power : 15 kwh
- Consumption : 5.60 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 322° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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# AX R 180° POST-COMBUSTION



Standard NF – EN 13229. Certified by C.T.I.F.  
Type I.S.B. SF EM

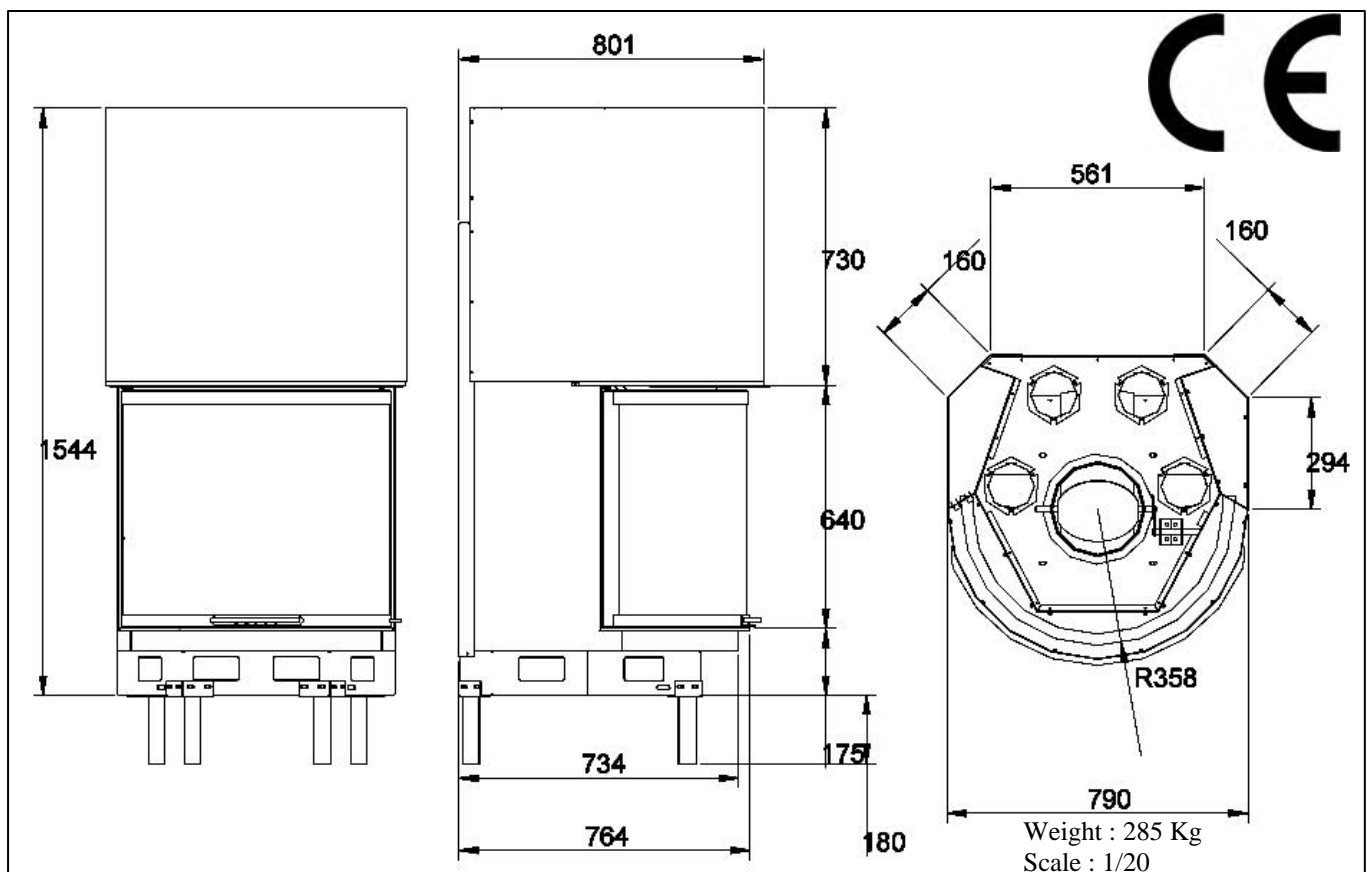
- Nominal power : 10 kwh
- Consumption : 6,5 kg
- Co at 13% of O<sup>2</sup> : 0.08 %
- Appliance efficiency : 61,0 %
- Dust : < 100 mg/Nm<sup>3</sup>
- Smoke temperature : 253° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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## FRONT & LEFT AX VLG 900 POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM



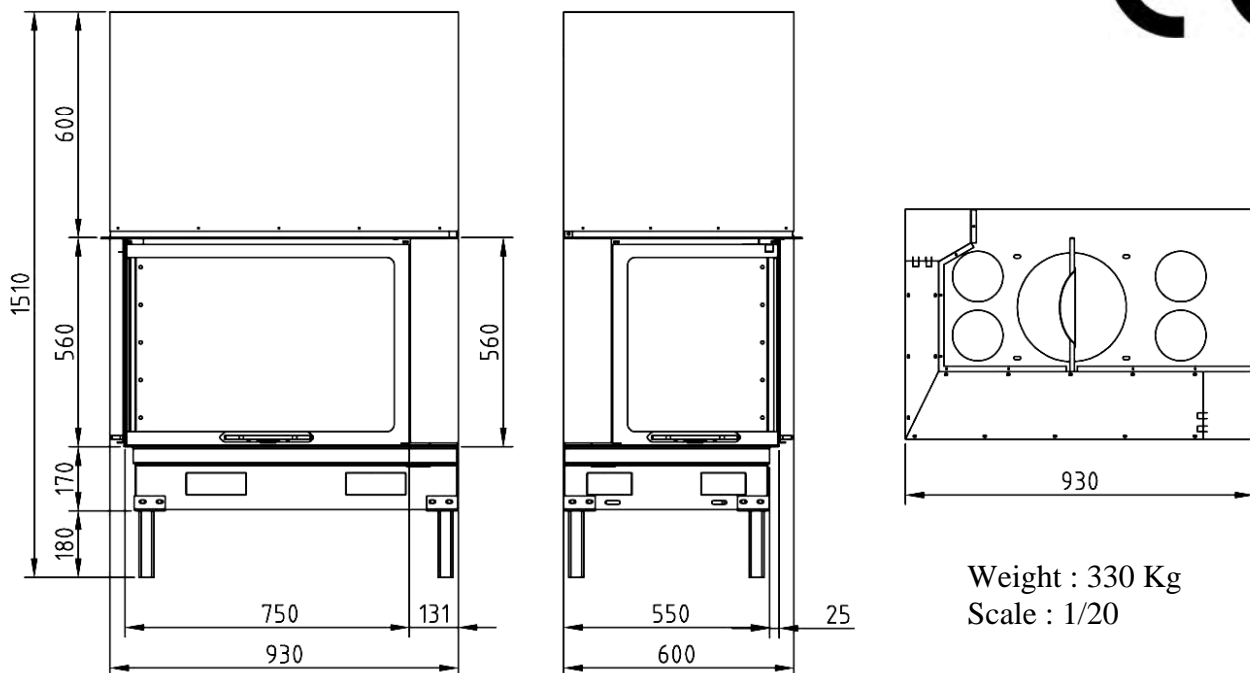
- Nominal power : 13.3 kw/h
- Consumption : 4.19 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 74,25 %
- Dust : 16 mg/Nm<sup>3</sup>
- Smoke temperature : 301° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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## FRONT & RIGHT AX VLD 900 POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 13.3 kw/h
- Consumption : 4.19 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 74,25 %
- Dust : 16 mg/Nm<sup>3</sup>
- Smoke temperature : 301° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

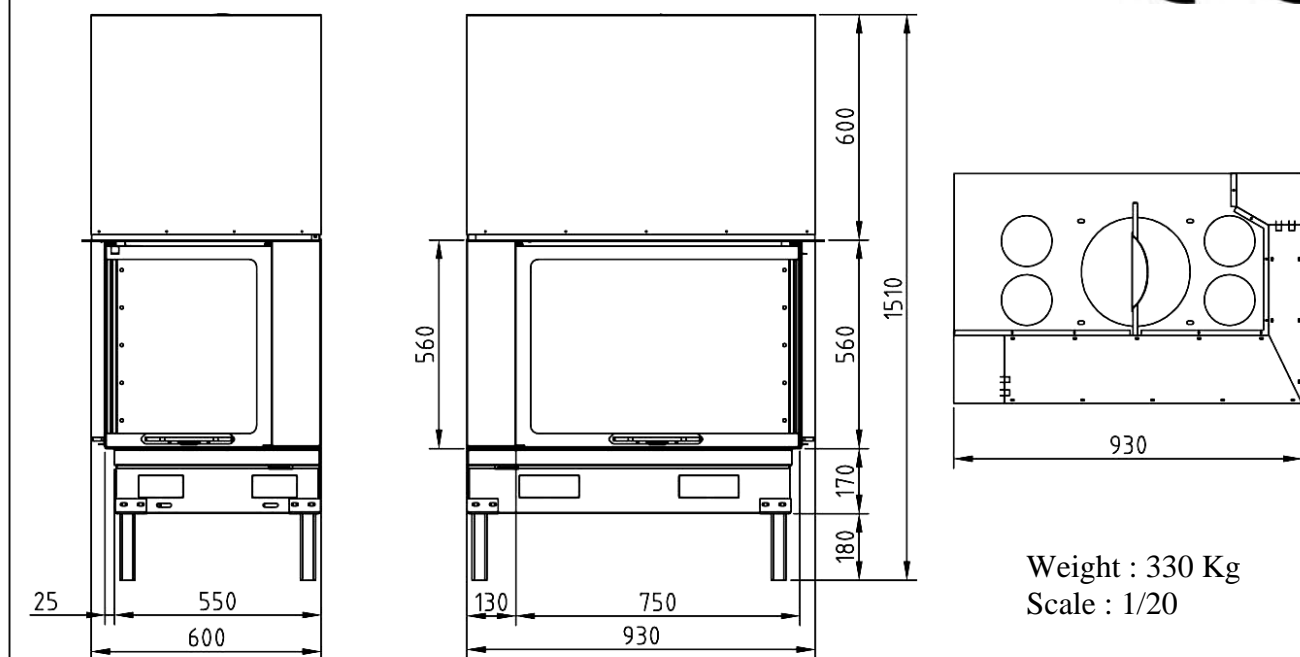
### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

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# AX DF 1000

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM



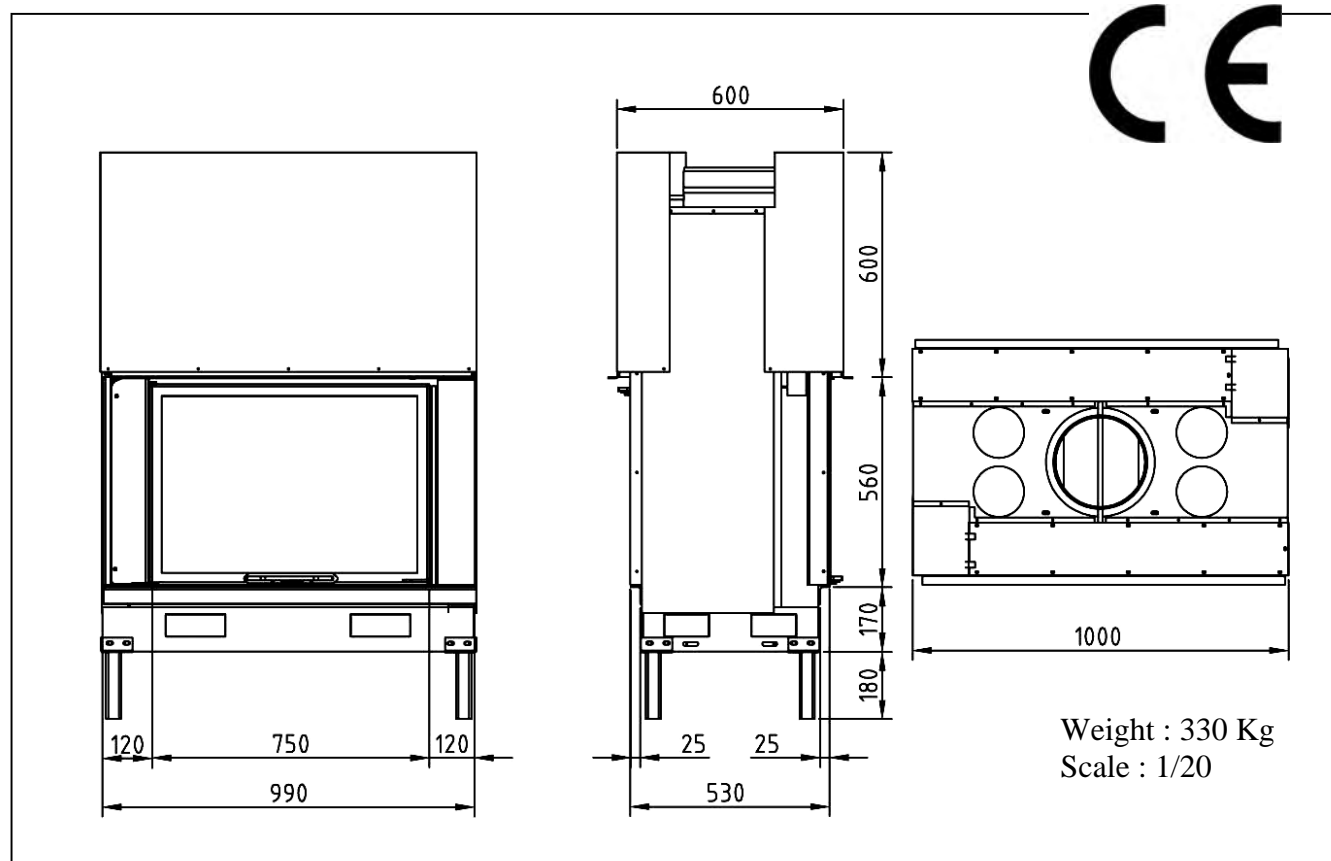
- Nominal power : 15 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 279° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: ≥10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## EQUIPEMENT STANDARD

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125
- Function : both doors closed or both doors open according to the draw



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## AX 3 V 900 POST COMBUSTION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 13,3 kw/h
- Consumption : 4.90 kg
- Co at 13% of O<sup>2</sup> : 0.11 %
- Appliance efficiency : 74,5 %
- Dust : 16 mg/Nm<sup>3</sup>
- Smoke temperature : 228° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression.

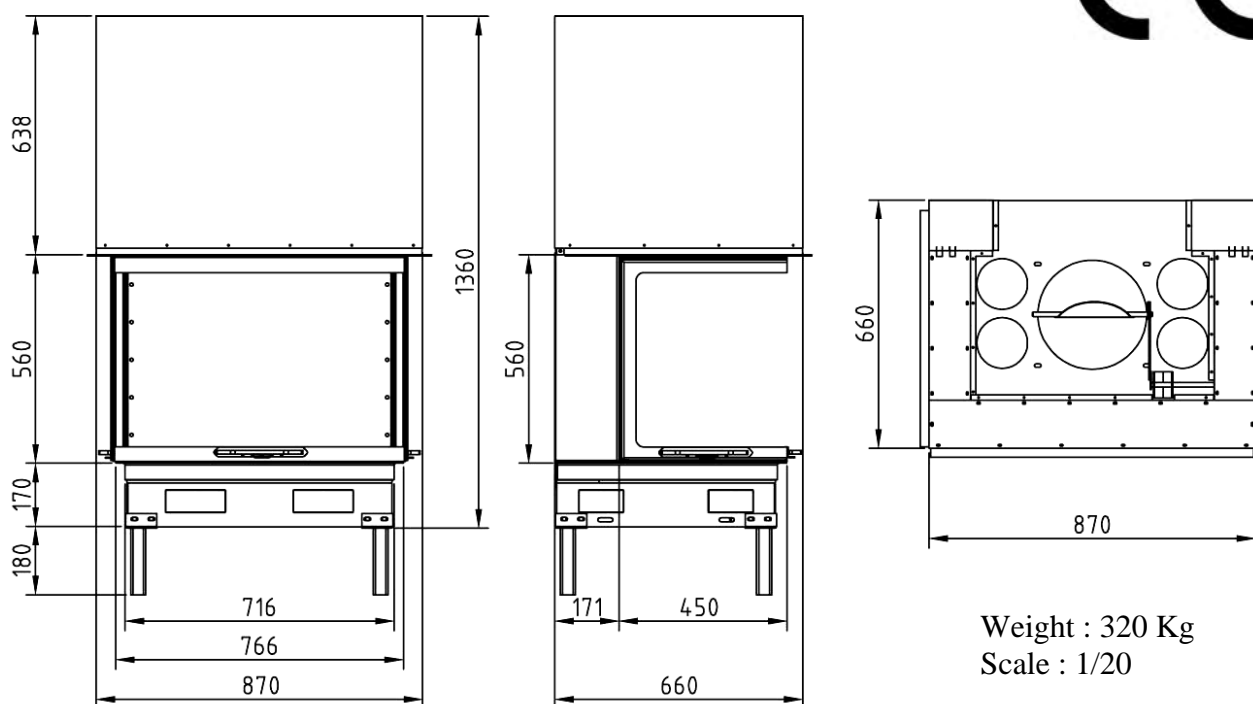
### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

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## AX EPI 950

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 12 kw/h
- Consumption : 4.90 kg
- Co at 13% of O<sup>2</sup> : 0.18 %
- Appliance efficiency : 72,5 %
- Dust : < 100 mg/Nm<sup>3</sup>
- Smoke temperature : 284° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

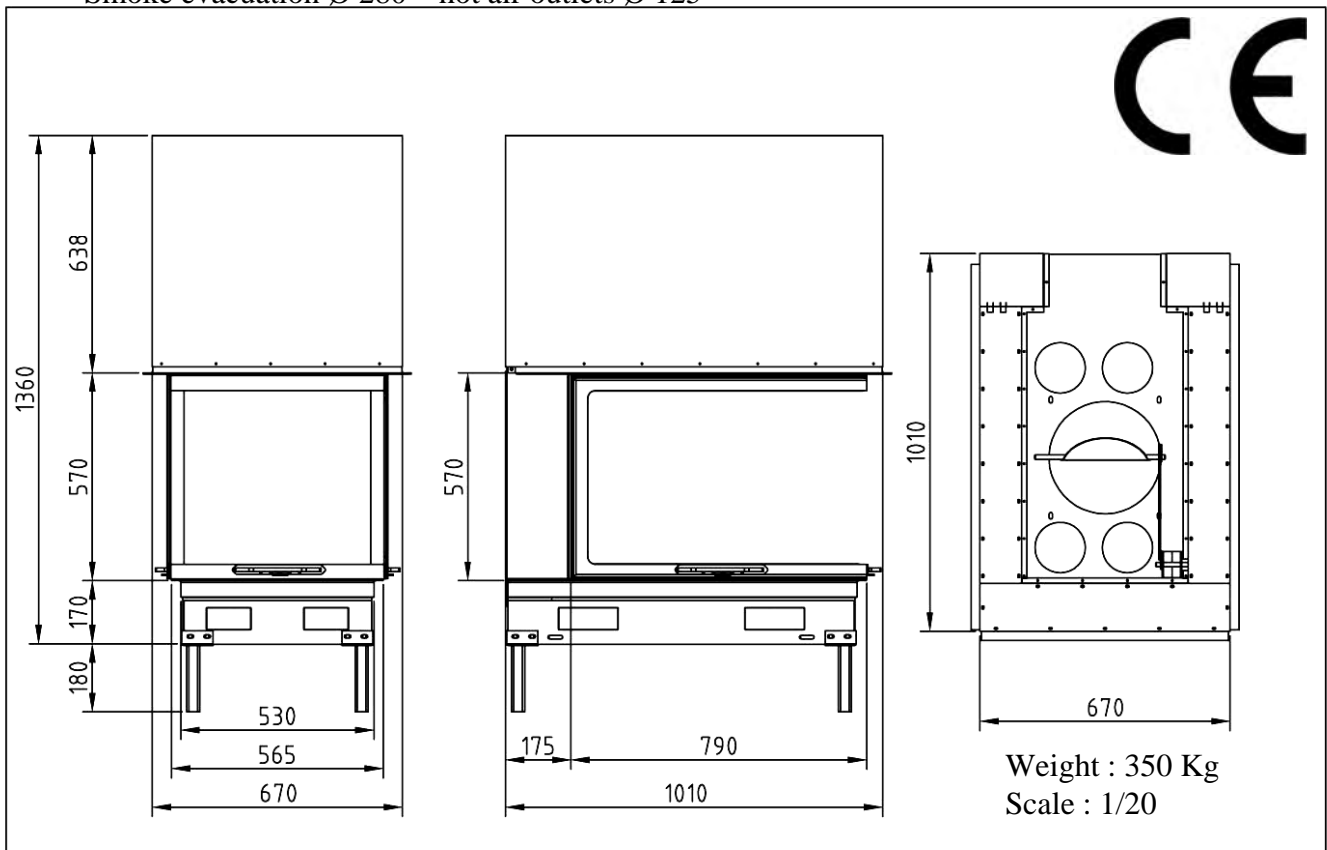
### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 280 – hot air outlets Ø 125

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# FRONT & LEFT AX F H 1200 VLG 16/9 VISION

Standard NF – EN 13229.

Type I.S.B. SF EM

- Nominal power : 16,4 kwh
- Consumption : 5.850 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 72,30 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

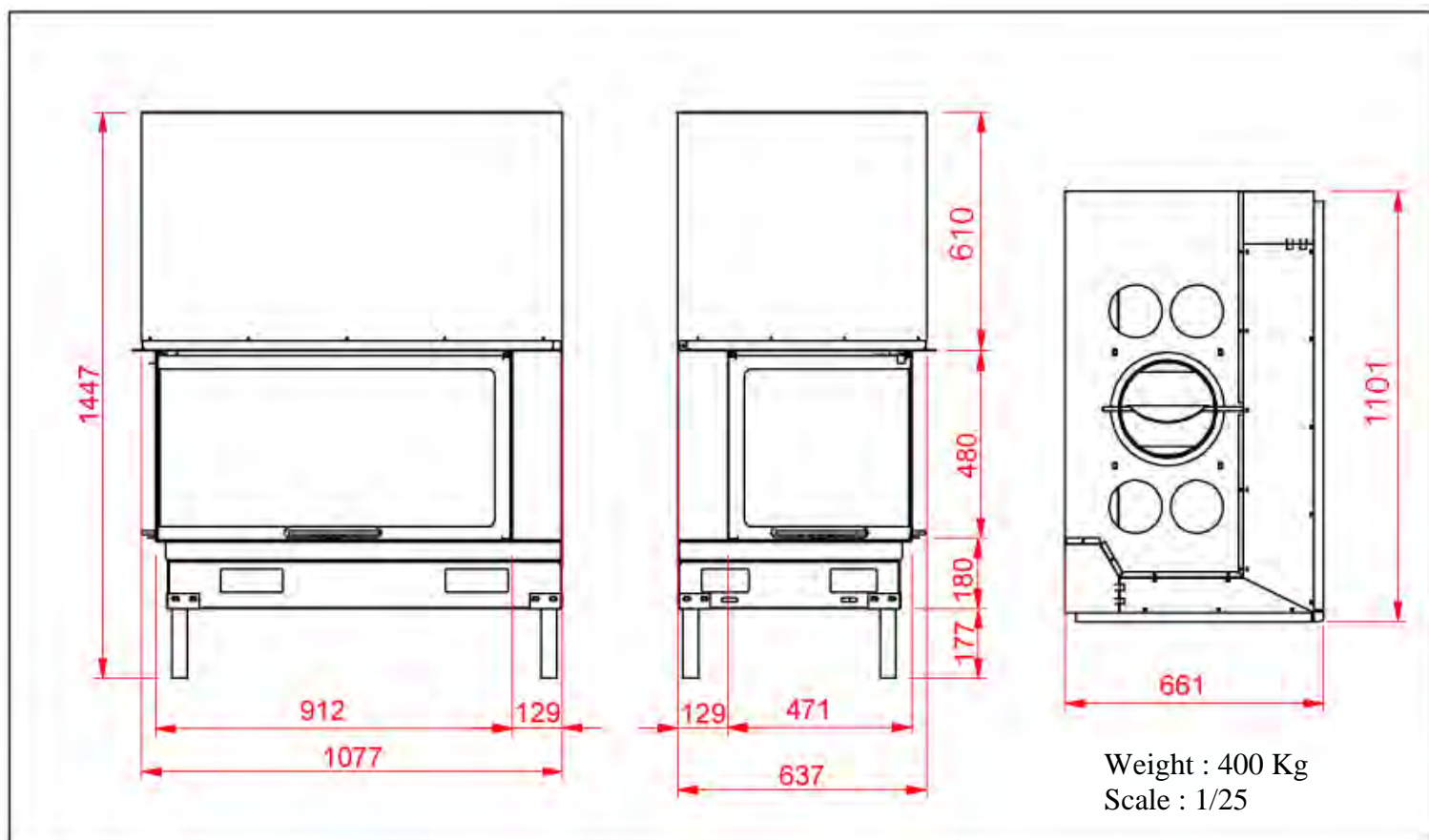
## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

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# FRONT & RIGHT AX F H 1200 VLD 16/9 VISION



Standard NF – EN 13229.

Type I.S.B. SF EM

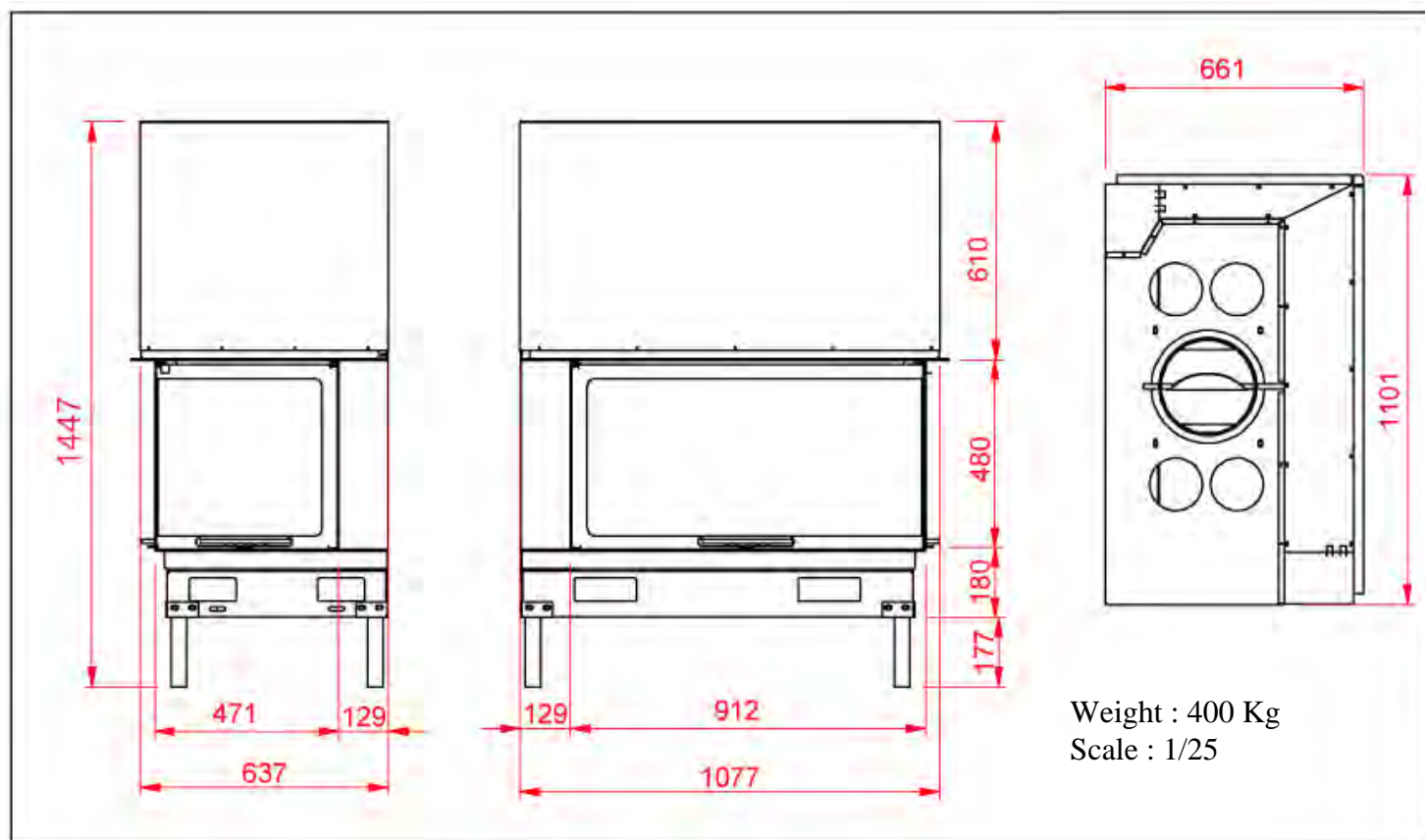
- Nominal power : 16,4 kwh
- Consumption : 5.850 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 72,30 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary  
remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with  
decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on  
lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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# DOUBLE SIDED AX F H 1200 DF 16/9 VISION

Standard NF – EN 13229.

Type I.S.B. SF EM

- Nominal power : 16,4 kwh
- Consumption : 5.850 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 72,3 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

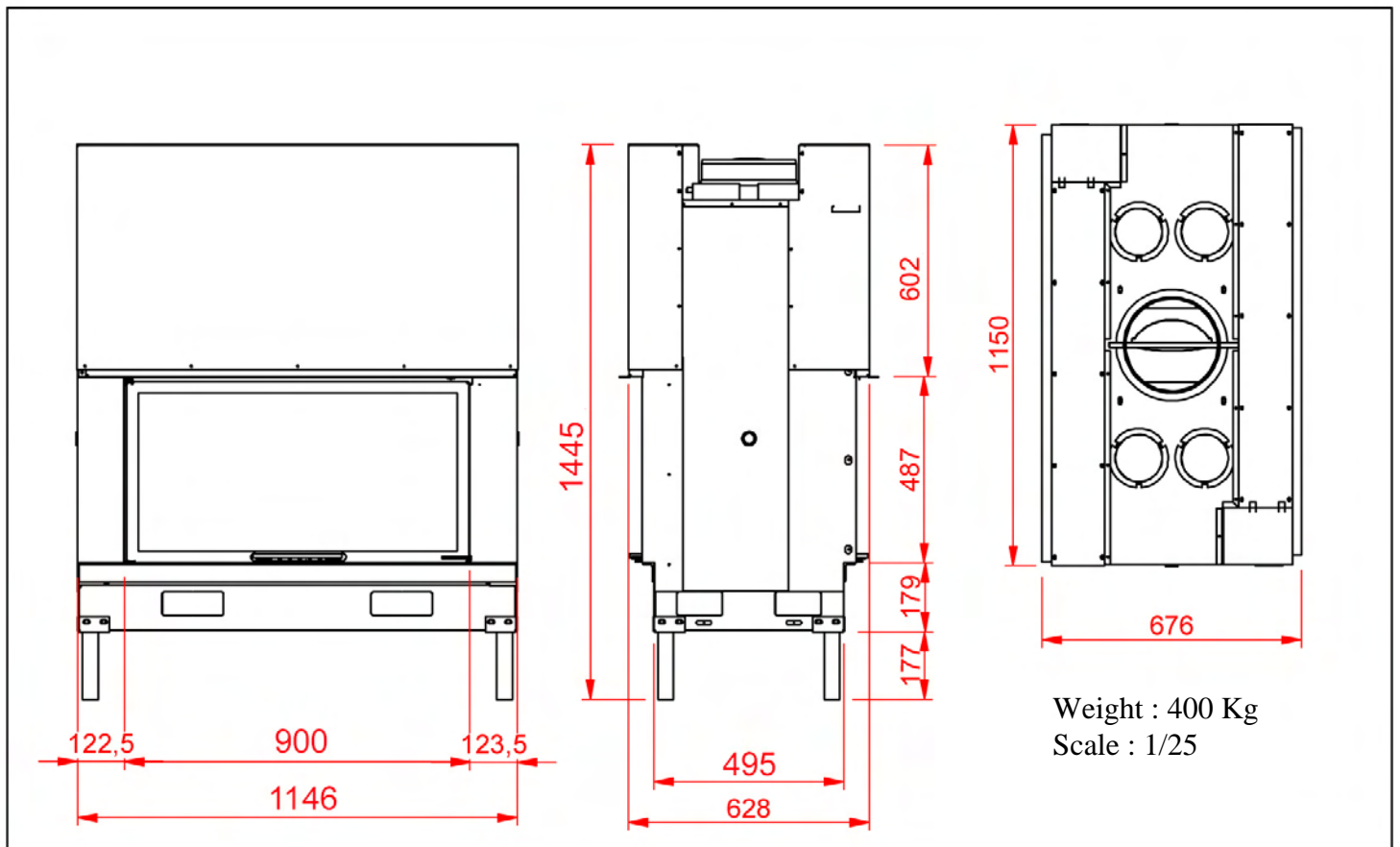
## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

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# THREE SIDES AX F H 1200 3V 16/9 VISION

Standard NF – EN 13229.

Type I.S.B. SF EM

- Nominal power : 15 kwh
- Consumption : 5.200 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 72,3 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 310° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

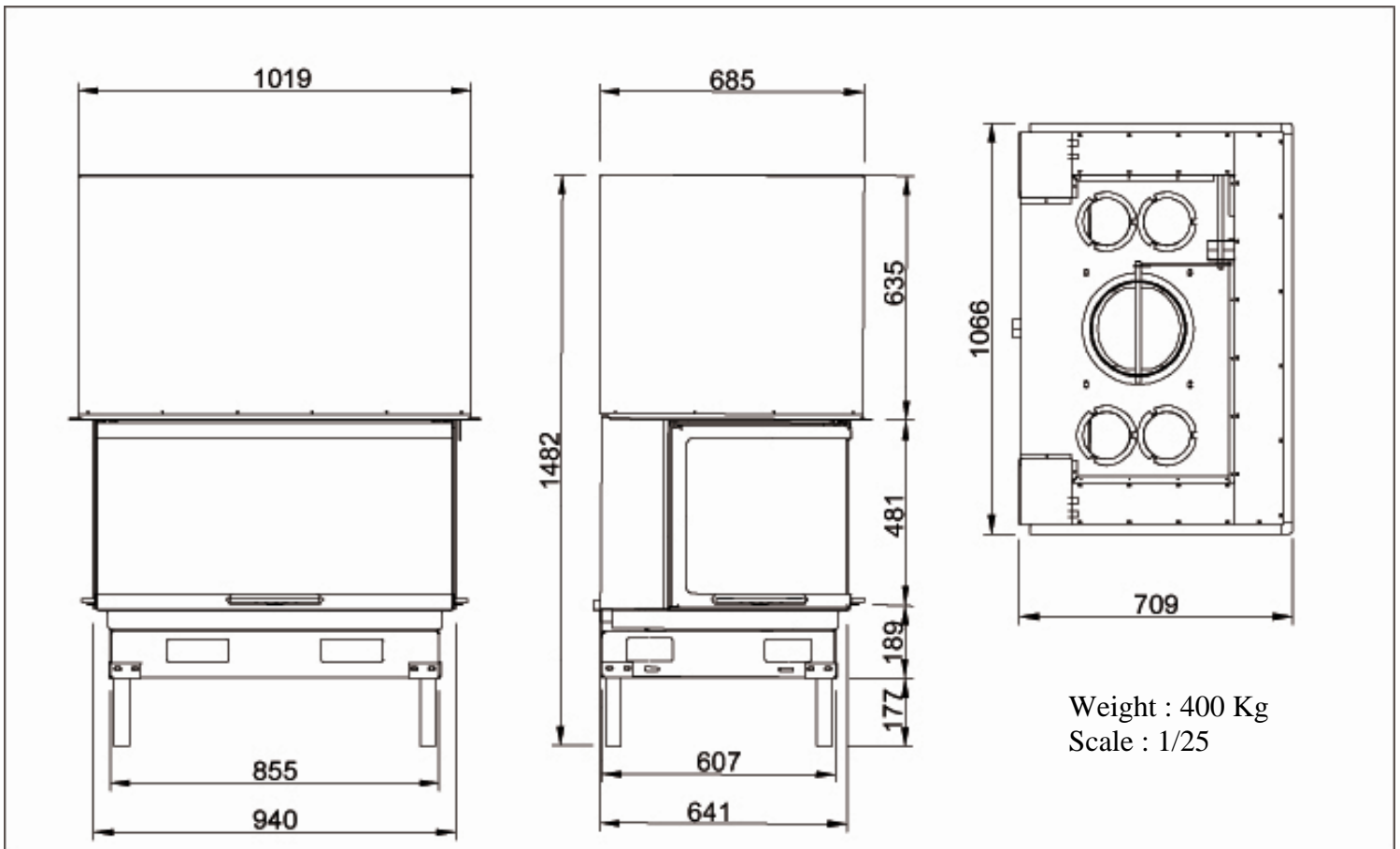
## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

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# AX H 1200 POST-COMBUSTION 16/9 VISION

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 17 kwh
- Consumption : 6.5 kg
- Co at 13% of O<sup>2</sup> : 0,13 %
- Appliance efficiency : 72,7 %
- Dust : < 100 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h
- Authorised fuel: wood logs NF G1-H1

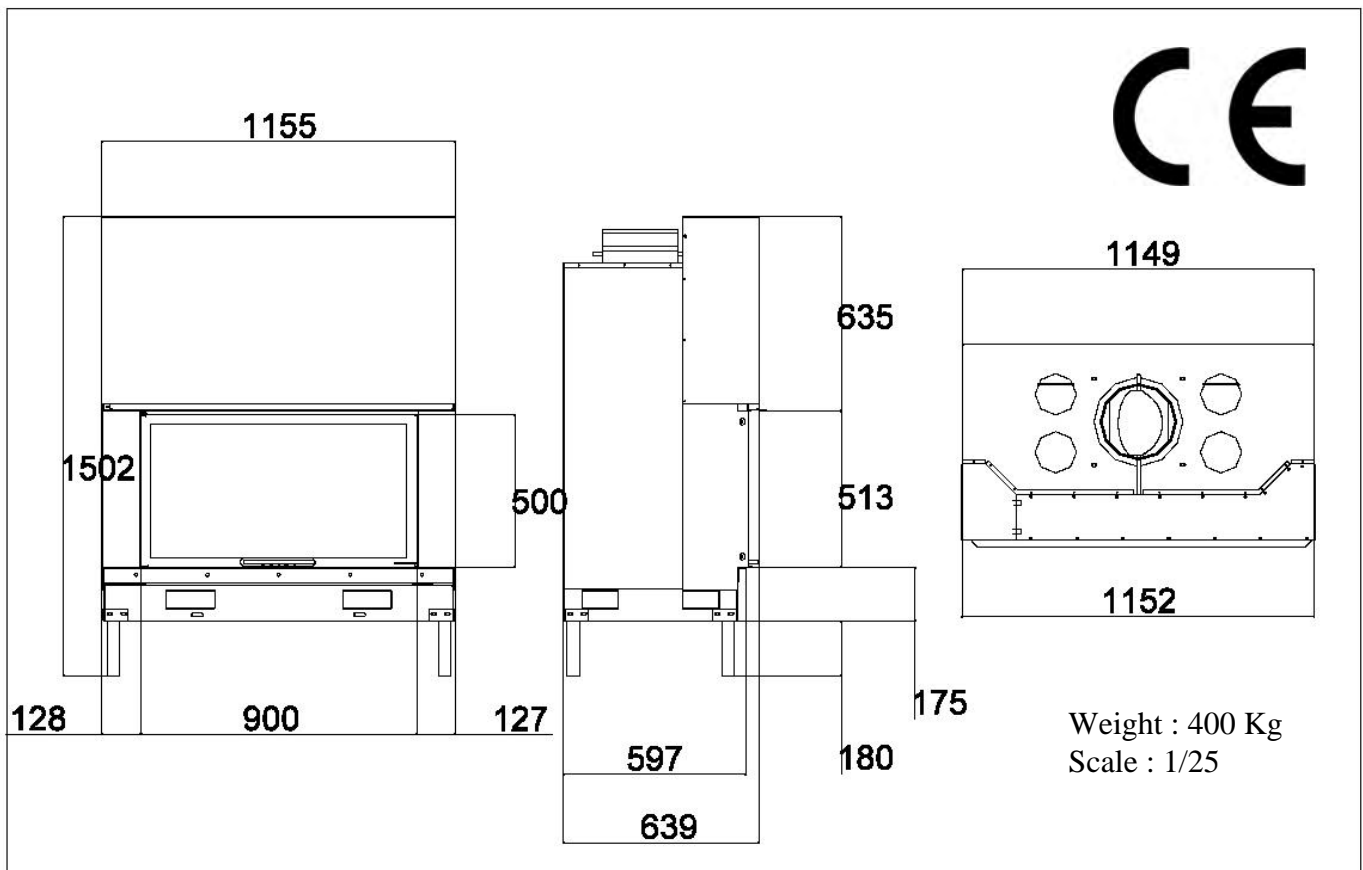
## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

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# AX H 1400 POST-COMBUSTION

## 16/9 VISION



**Standard NF – EN 13229. Certified by C.T.I.F.**

Type I.S.B. SF EM

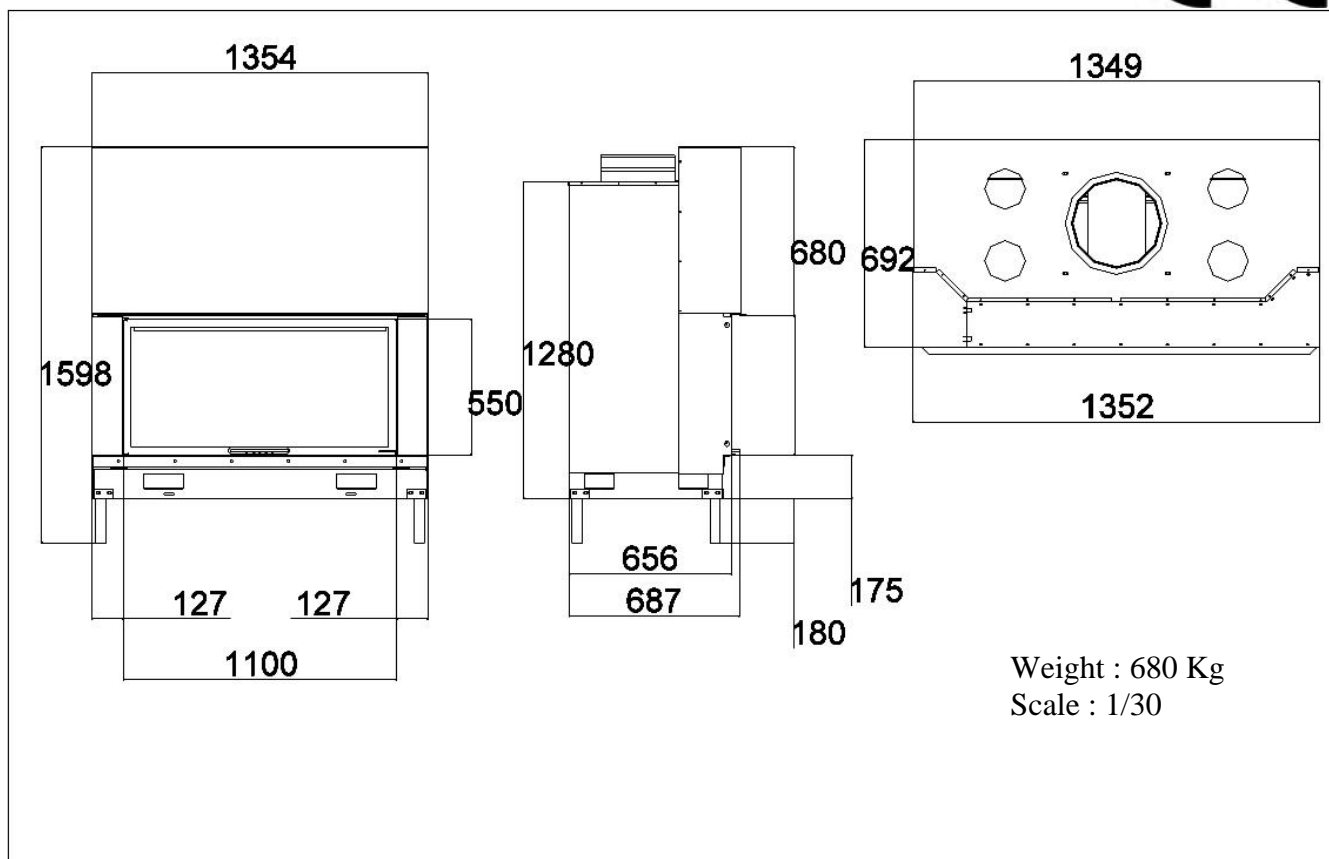
- Nominal power : 19 kwh
- Consumption : 7.8 kg
- Co at 13% of O<sup>2</sup> : 0.11 %
- Appliance efficiency : 72,30 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 290° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 300 – hot air outlets Ø 125



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# AX F 1000 H POST-COMBUSTION VISION 16/9<sup>ème</sup>



**Standard NF – EN 13229. Certified by C.T.I.F.**

Type I.S.B. SF EM

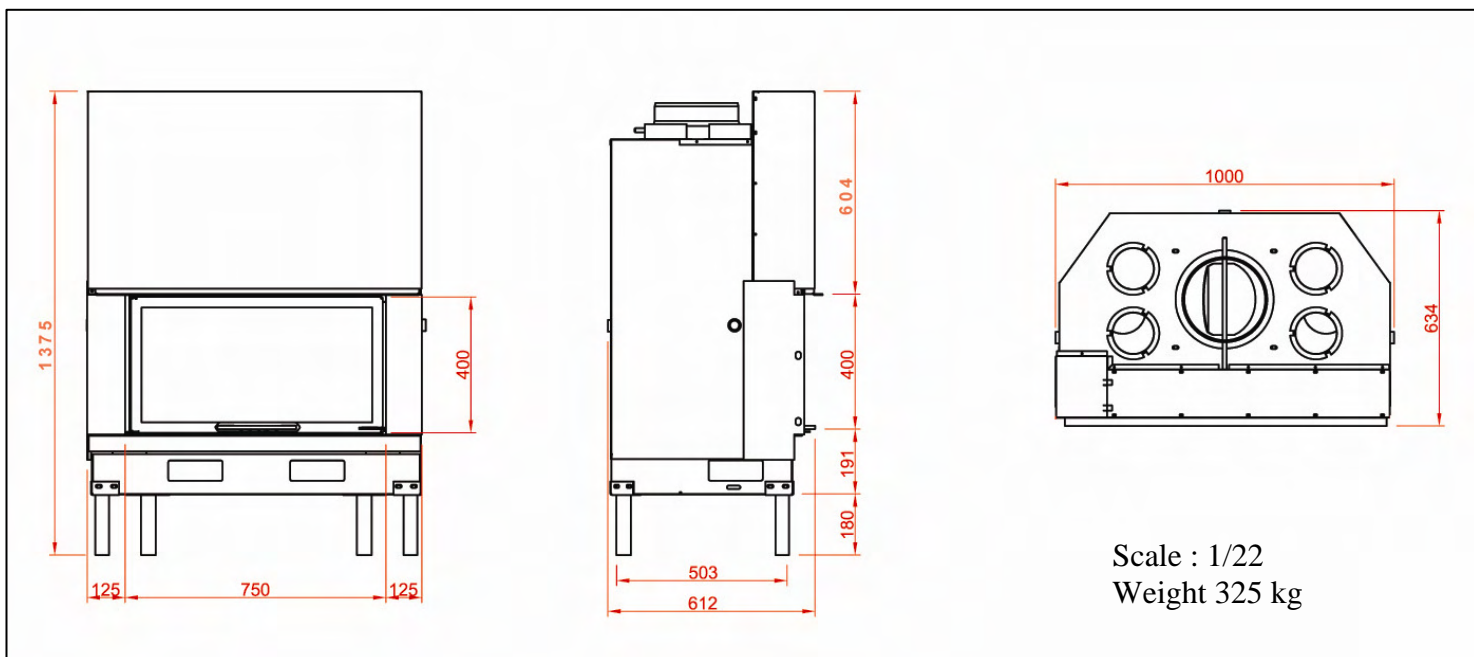
- Nominal power : 15 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 322° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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# FH 1200 DF POST-COMBUSTION VISION 16/9<sup>ème</sup>



Standard NF – EN 13229. Certified by C.T.I.F.  
Type I.S.B. SF EM

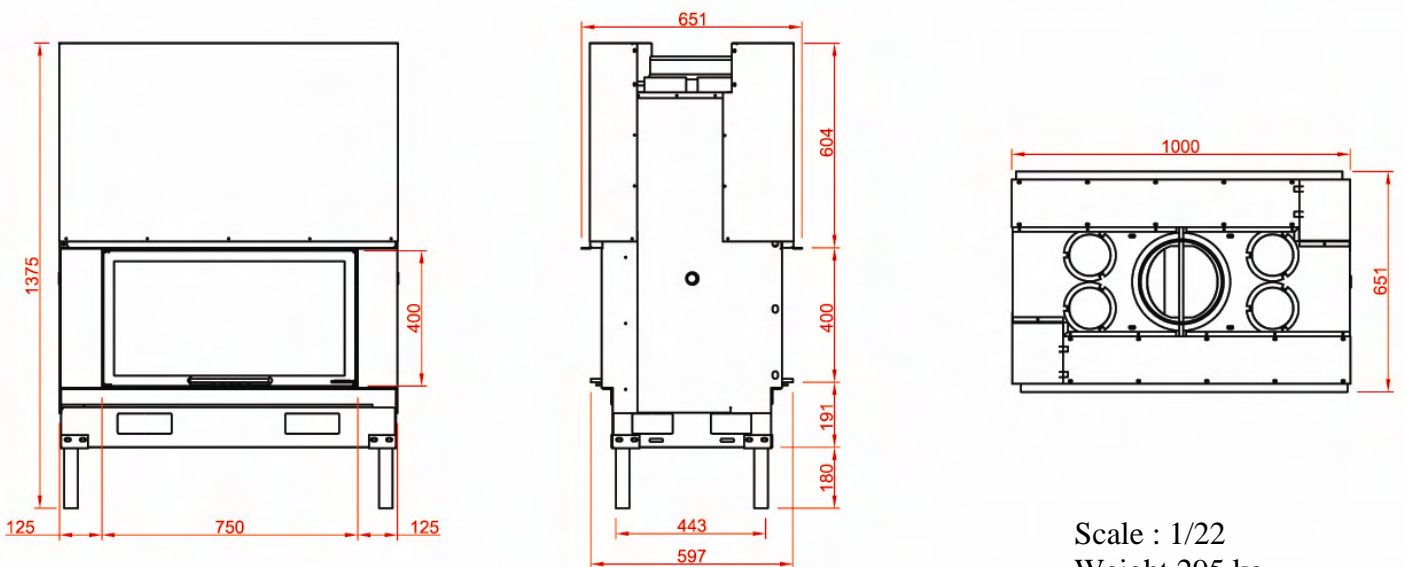
- Nominal power : 16 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 72,3 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 279° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

## STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



Scale : 1/22  
Weight 295 kg

AXIS : ZA La Pélissière – 01300 BELLEY FRANCE  
Tél : 00 33 4 79 81 10 50 – Fax : 00 33 4 79 42 21 24

Email : [contact@cheminees-axis.com](mailto:contact@cheminees-axis.com)/ Site internet : [www.cheminees-axis.com](http://www.cheminees-axis.com)



**AX F 1000 H – WS BLACK**  
**VISION 16/9<sup>ème</sup>**



**Standard NF – EN 13229. Certified by C.T.I.F.**

Type I.S.B. SF EM

- Nominal power : 15 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 322° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

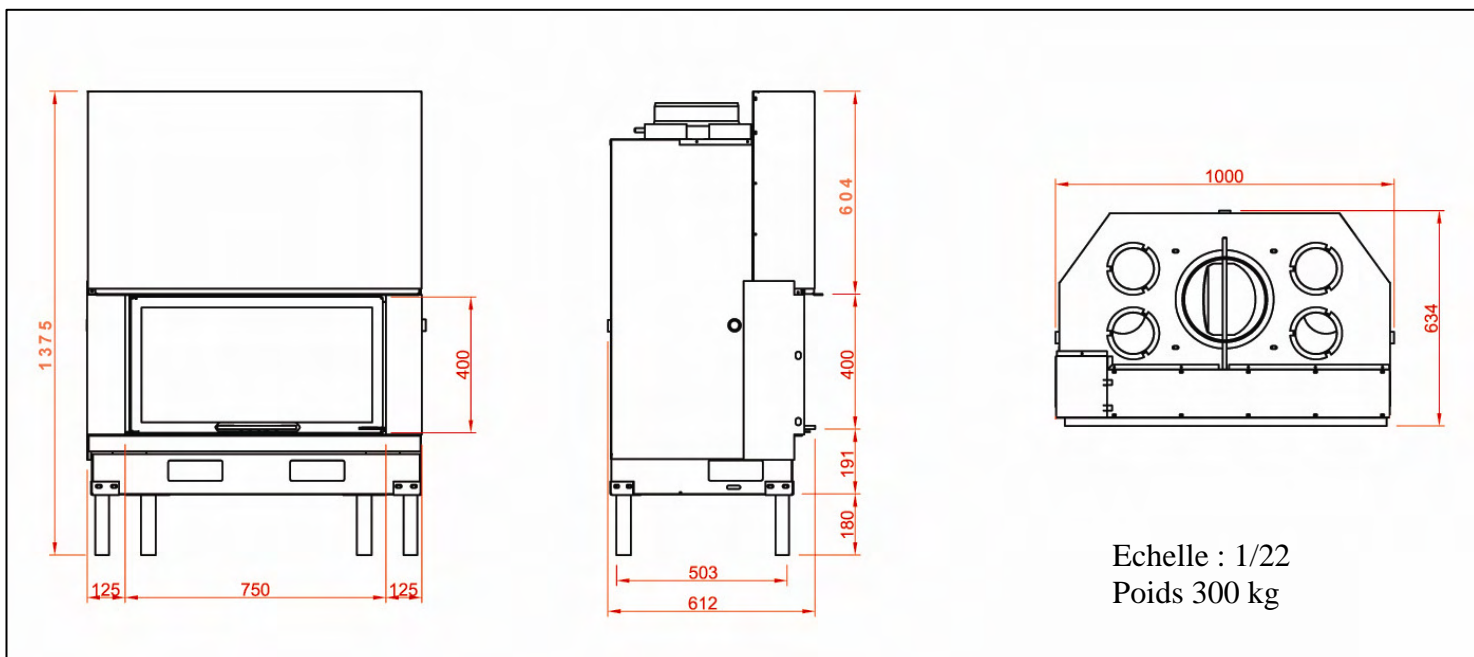
*External tinted  
decorated glass*

**CONDITIONS REQUIRED FOR FUNCTION**

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

**STANDARD EQUIPEMENT**

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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# FOYERS AX H 1200 WS BLACK VISION 16/9<sup>ème</sup>

Standard NF – EN 13229. Certified by C.T.I.F.  
Type I.S.B. SF EM

- Nominal power : 17 kwh
- Consumption : 6.5 kg
- Co at 13% of O<sup>2</sup> : 0,13 %
- Appliance efficiency : 72,7 %
- Dust : < 100 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks:  
=> 10 h 00
- Authorised fuel: wood logs NF G1-H1

## CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary  
remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with  
decompression

## STANDARD EQUIPEMENT

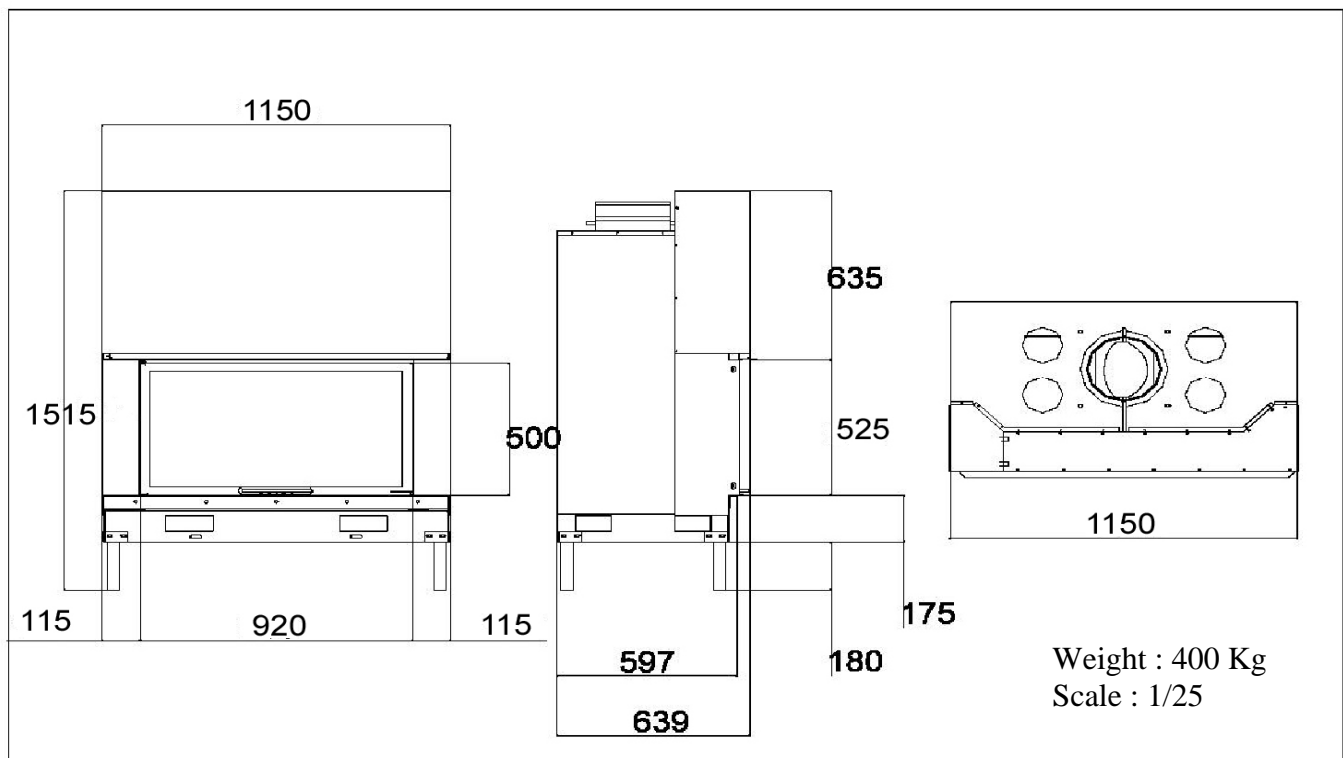
- Draw control command with automatic opening on lifting  
the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125

*External tinted  
decorated glass*

**AXIS**<sup>®</sup>  
INTEGRAL FIRE  
*Les foyers verts*<sup>®</sup>



**CE**



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# AX H 1400 – WS BLACK

## 16/9 VISION

**AXIS**<sup>®</sup>  
INTEGRAL FIRE  
*Les foyers verts*<sup>®</sup>

Standard NF – EN 13229. Certified by C.T.I.F.

Type I.S.B. SF EM

- Nominal power : 19 kwh
- Consumption : 7.8 kg
- Co at 13% of O<sup>2</sup> : 0.11 %
- Appliance efficiency : 72,30 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 290° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

*External tinted  
decorated glass*



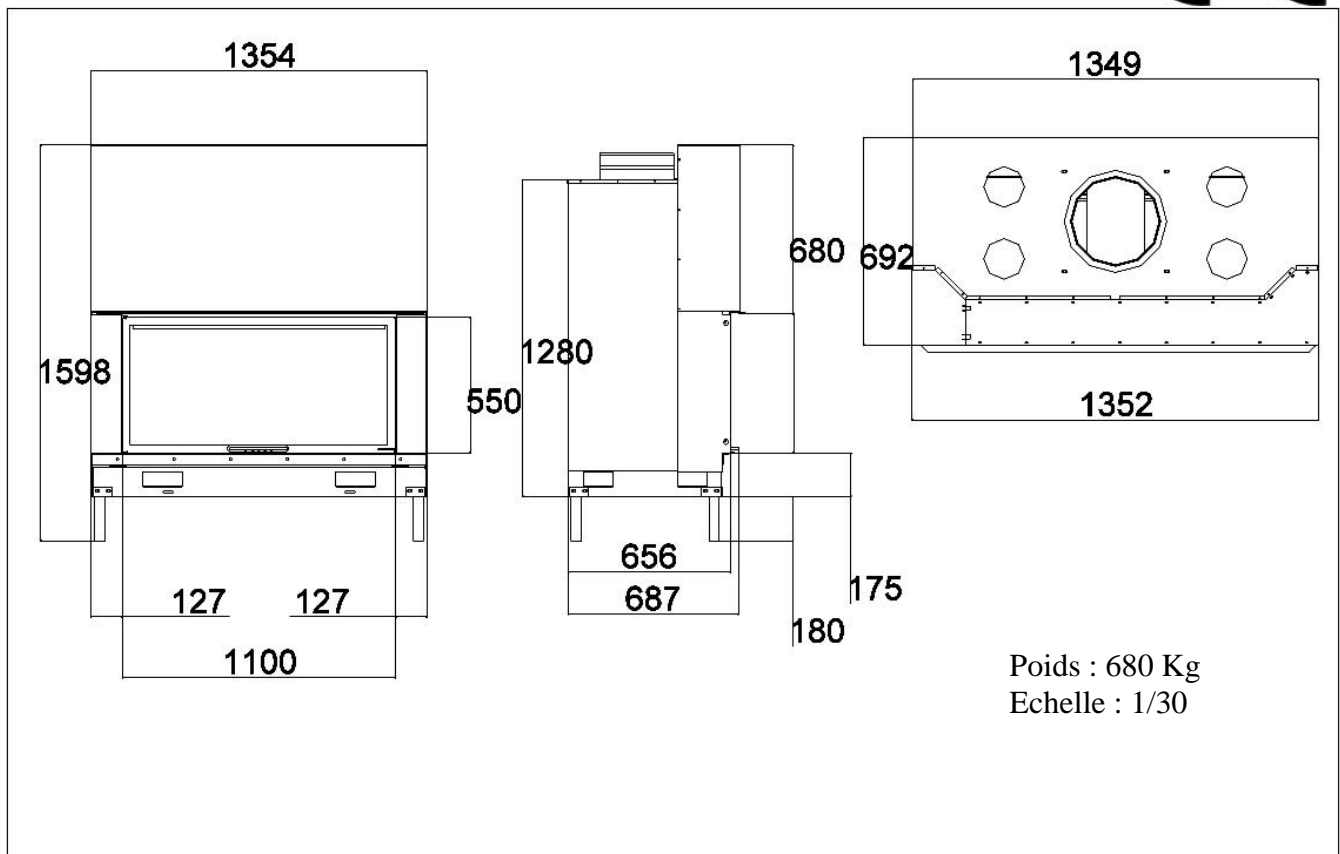
### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 300 – hot air outlets Ø 125

**CE**



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**AX DF 1000 H – WS BLACK**  
*VISION 16/9<sup>ème</sup>*



**Standard NF – EN 13229. Certified by C.T.I.F.**

Type I.S.B. SF EM

- Nominal power : 15 kwh
- Consumption : 6.2 kg
- Co at 13% of O<sup>2</sup> : 0,05 %
- Appliance efficiency : 72,00 %
- Dust : 19 mg/Nm<sup>3</sup>
- Smoke temperature : 279° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

**External tinted  
decorated glass** *Les foyers verts*®

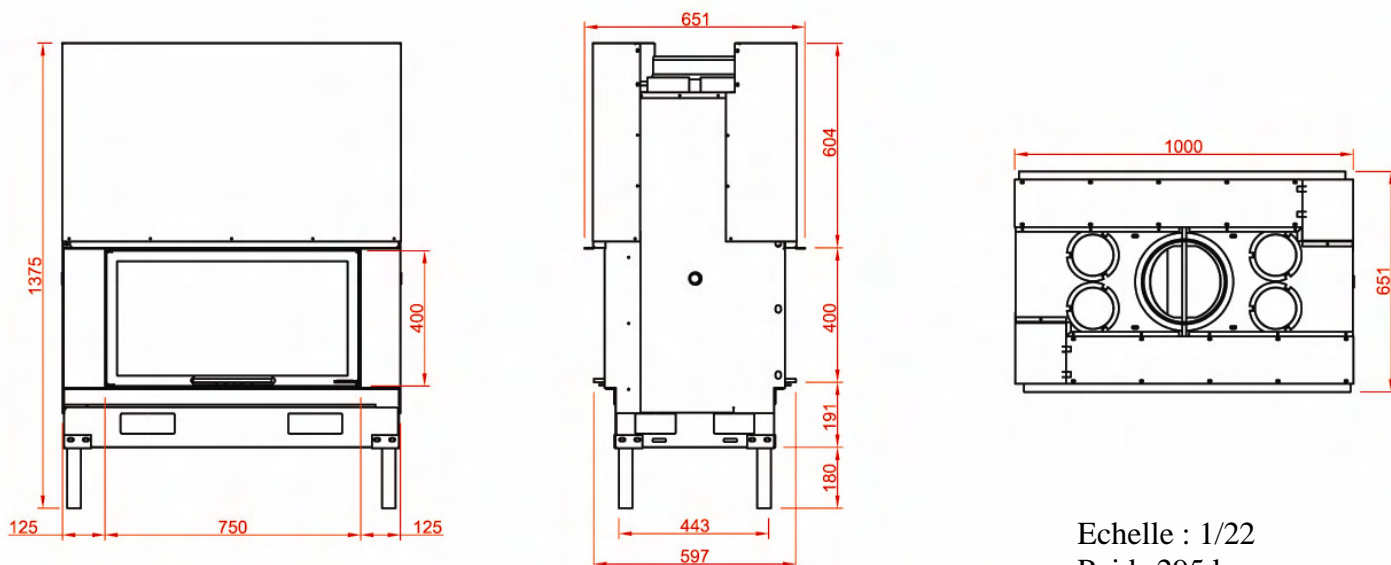


**CONDITIONS REQUIRED FOR FUNCTION**

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

**STANDARD EQUIPEMENT**

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



Echelle : 1/22  
Poids 295 kg

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# DOUBLE SIDED AX F H 1200 DF – WS BLACK

## 16/9 VISION

Standard NF – EN 13229.

Type I.S.B. SF EM

- Nominal power : 16,4 kwh
- Consumption : 5.850 kg
- Co at 13% of O<sup>2</sup> : 0,11 %
- Appliance efficiency : 72,30 %
- Dust : 18.9 mg/Nm<sup>3</sup>
- Smoke temperature : 285° C
- % of loss through unburned solids : 0
- Autonomy of heater through inertia of refractive bricks: => 10 h 00
- Authorised fuel: wood logs NF G1-H1

*External tinted  
decorated glass*

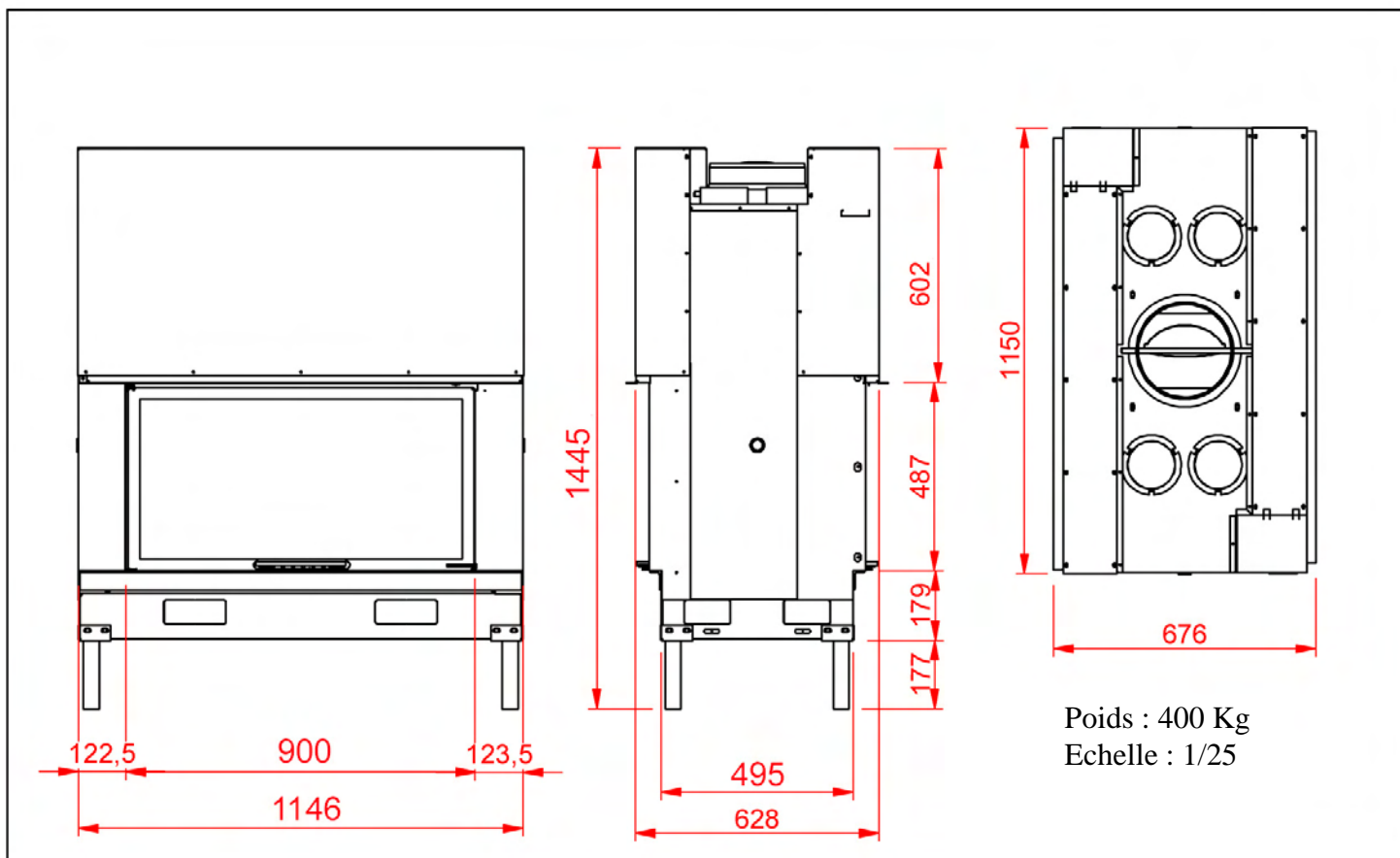


### CONDITIONS REQUIRED FOR FUNCTION

- Chimney air column pressure: 12/20 PA
- Obligatory fresh air intake: 300 cm<sup>2</sup> minimum
- Convection air intake: 600 cm<sup>2</sup> minimum, if necessary remove the detachable shields.
- Convection air outlets: 647 cm<sup>2</sup> minimum with decompression

### STANDARD EQUIPEMENT

- Draw control command with automatic opening on lifting the doors
- Protective surround for raised door
- Convection lining
- Moveable and detachable air inlets in base frame
- Removable feet
- Fire basket
- Smoke evacuation Ø 250 – hot air outlets Ø 125



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