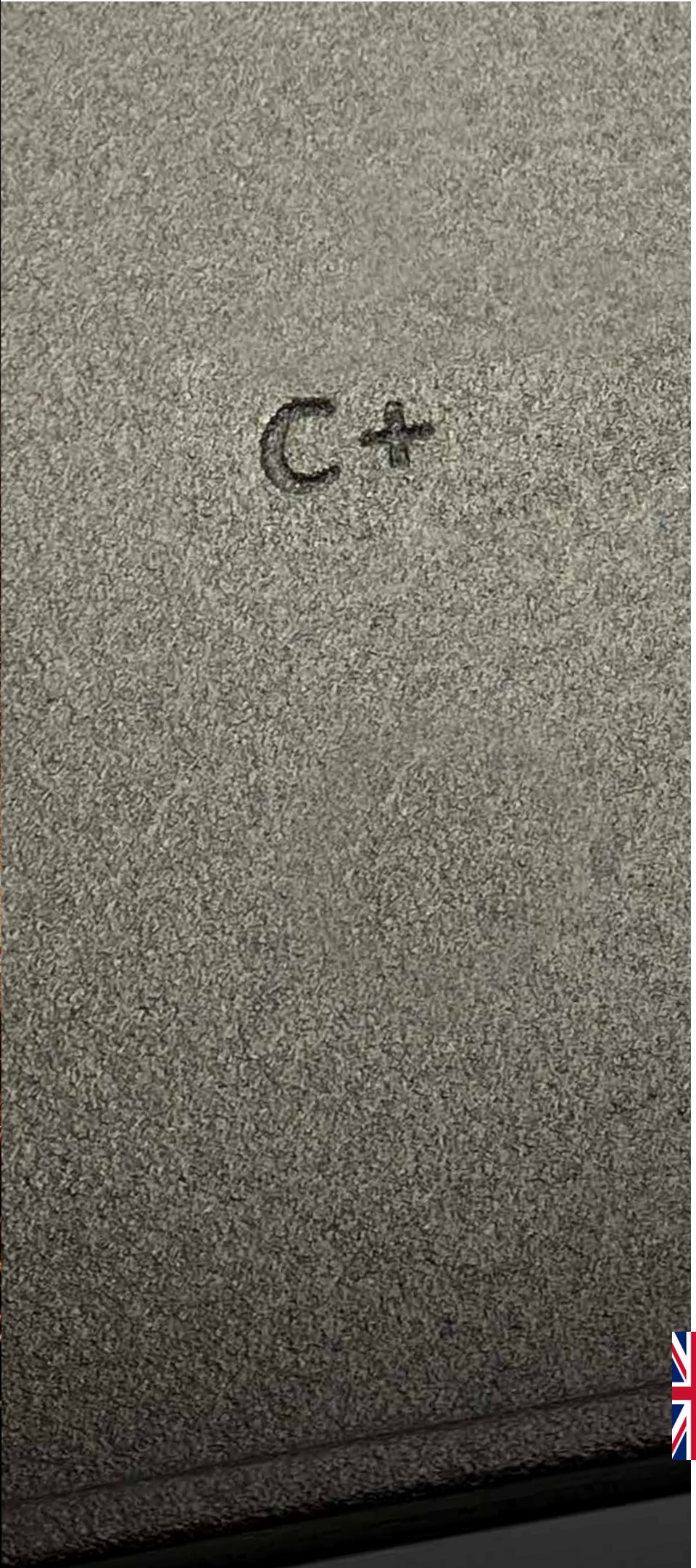




CAST IRON COMPONENTS FOR PRODUCTORS







Lunaway Cast Iron is a CAST SRL brand
discover more on the website:
WWW.LUNAWAY-CASTIRON.COM



**“THE BEST WAY TO PREDICT THE
FUTURE IS TO CREATE IT.”**

Alan Kay

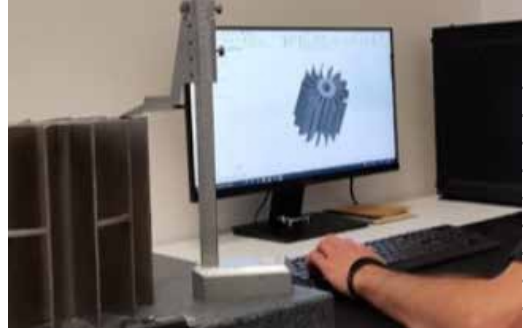


Custom production

Designed and industrialized

All casting components are carefully designed and industrialized by our team of experts. Using cutting-edge technologies such as three-dimensional parametric software and casting simulators allow us to create components that offer the best durability performance in their use. Our custom design has been tried and tested on a variety of materials, from aluminum, steel and cast iron, and we know how to create components that meet the specific requirements of our customers across multiple industries.

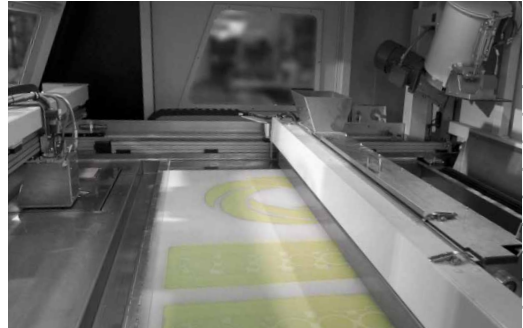
With our approach to industrialization and to casting component design, we ensure maximum efficiency, reliability and quality in every product we deliver.



Metal Prototyping

3D sand printing technology of pattern box for casting represents an important evolution in the field of metal prototyping; It allows you to create solid, precise and prototypes that can be used in real conditions.

In the past it was common to use techniques such as milling with long processing times, or the metal 3D printer, which was full of expensive tools, or polymer 3D printer, which did not allow in any way to test the product species for fields such as heating products. Instead, this system allows you to create prototypes using digital programming data, offering developers and manufacturers rapid turnaround times and significantly lower production costs for complex and customizable prototypes.



- A** 3D printing of a sand resin shell mould
- B** Casting with cast iron, spheroidal cast iron, aluminium
- C** Machining, if required, to obtain the finished part

SKILL

- +** Fast prototypes
Products that can be used in technical tests
- Each shell model is for a single casting

Moulds and toolings

We always make patterns with moulds factory close to the foundry and this offers many advantages. First of all, working close together allows for a reduction in costs and times and greater flexibility in production, since any changes can be made earlier than the production process. This means responding more quickly to market demands.

Pre-series production

Making a pre-series of castings before starting large-scale production can bring many benefits for both the foundry and the user.



Firstly, it allows us to identify any problems that may arise and correct them before starting full-scale production and can be used to obtain feedback from customers or potential buyers, helping us to better understand market needs and ensure that the product finished product meets market expectations. This means mass production will start with less risk and fewer surprises, which makes the whole process much more reliable. It also allows the foundry to test and optimize the casting process to ensure it is efficient and produces high quality parts. This means that during large-scale production, there will be fewer errors and less scrap.

Pre-series validation

The validation of the pre-series of castings is a fundamental activity to guarantee the quality and correct functionality of the finished products. In this phase, our technical office tests various aspects of the castings, such as mechanical resistance, the precision of the measurements and the external appearance of the skin, but the analysis and validation by the customer's technical office is also absolutely necessary for avoid any mistakes and proceed with peace of mind to mass production.

Mass production

Whether mass production is carried out with automatic lines or by hand, in shell or with lost wax, the goal is to guarantee high quality, repeatability of the pieces and few waste.

Thanks to technology, we control every phase of the process to optimize the result, both in the production of the molds and in the control of the material parameters during the melting, from the casting to grindings.



Stoves parts

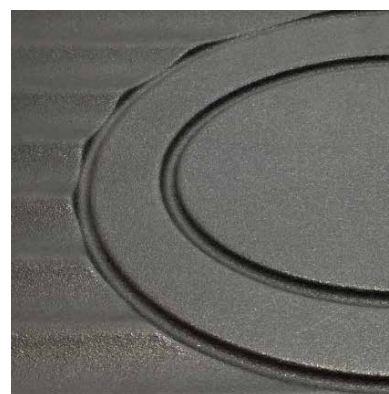
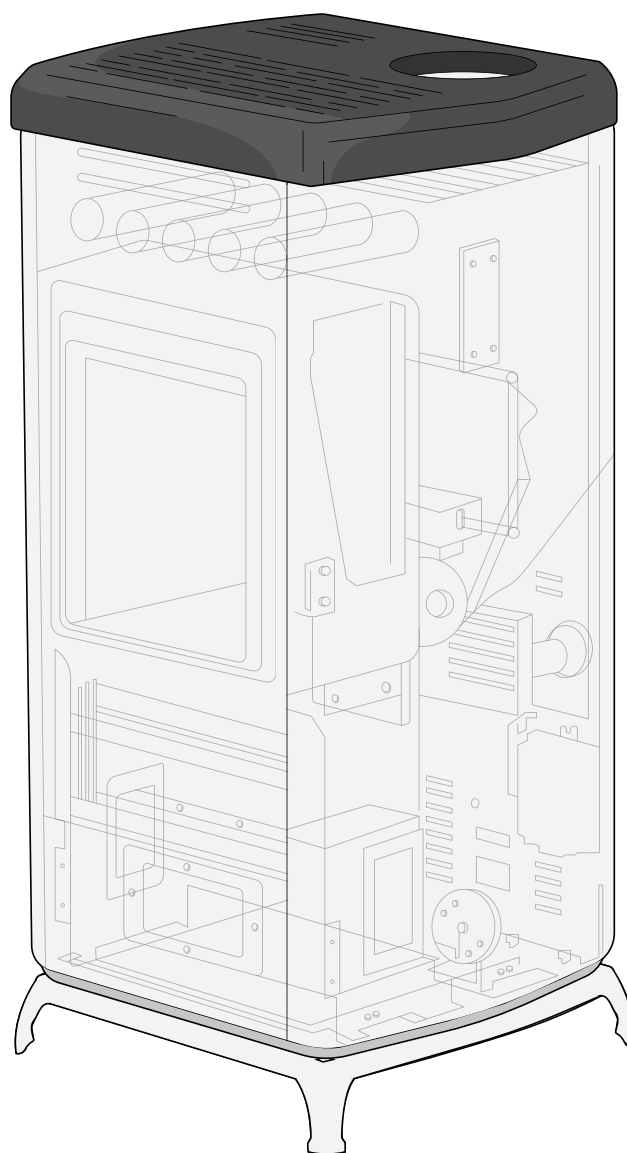
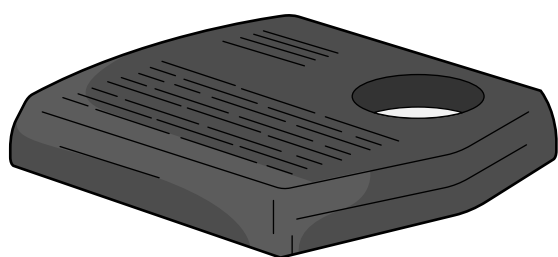
01. Stoves top	/ pg 9
02. Stoves doors	/ pg 10
03. Stoves bases	/ pg 11
04. Combustion chambers	/ pg 12
05. Loaders	/ pg 13
06. Burners	/ pg 14
07. Fans	/ pg 17
08. Heat exchangers	/ pg 18
09. Smoke rings	/ pg 19



All products are made of cast iron EN GJL 200 following the EN1561 standard

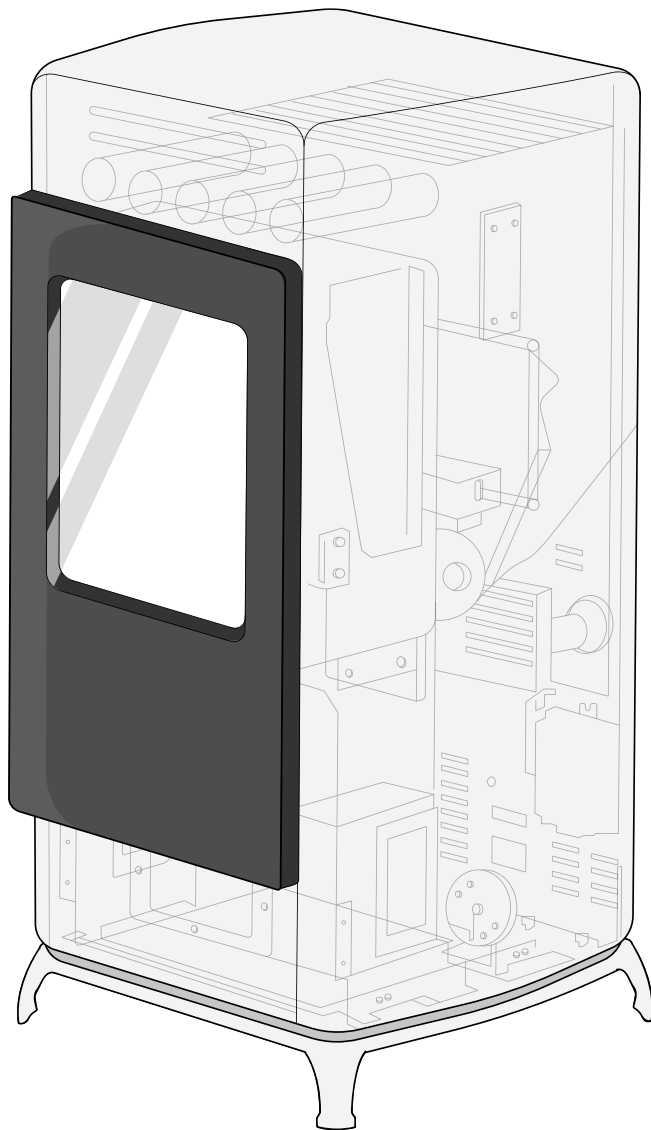
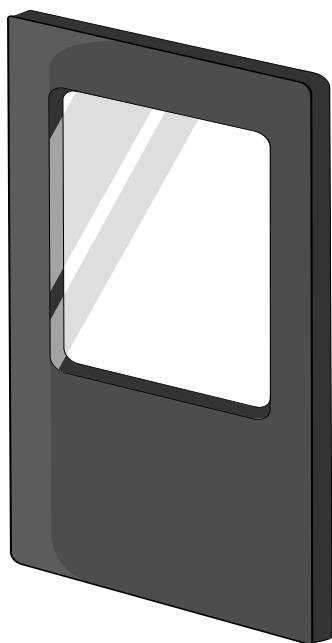
Stoves top

DETAIL



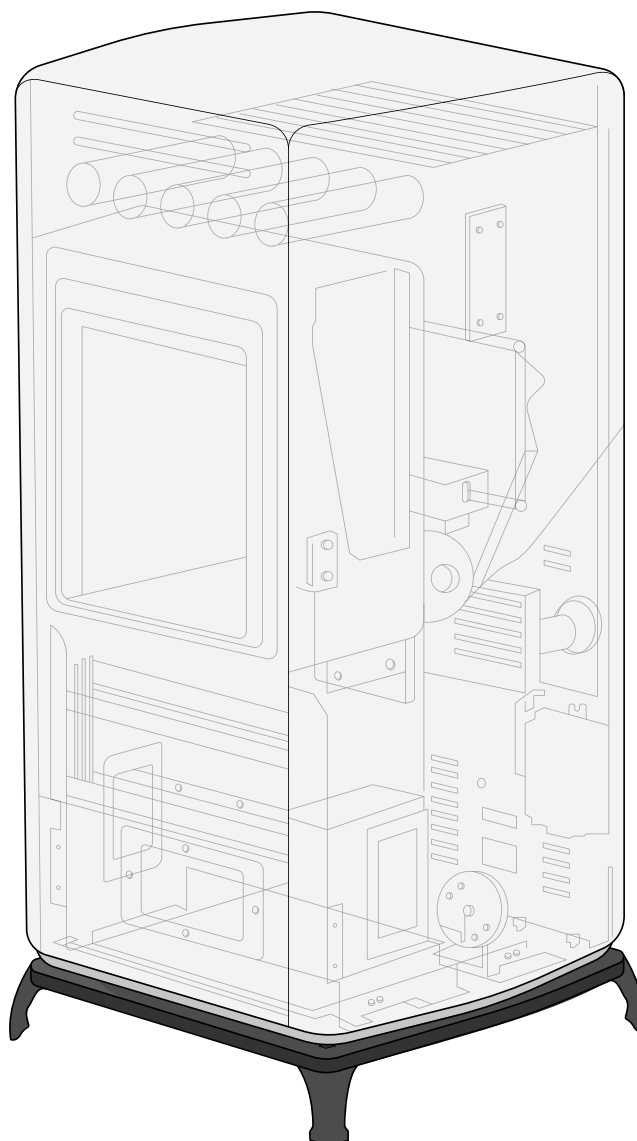
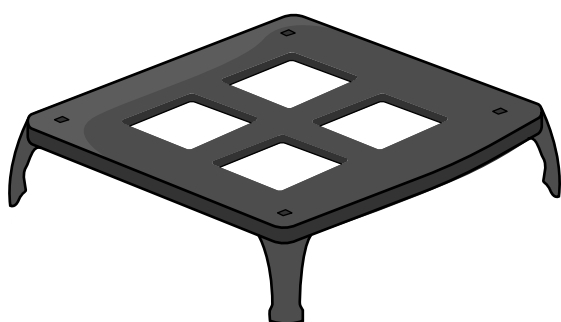
Stoves doors

DETAIL



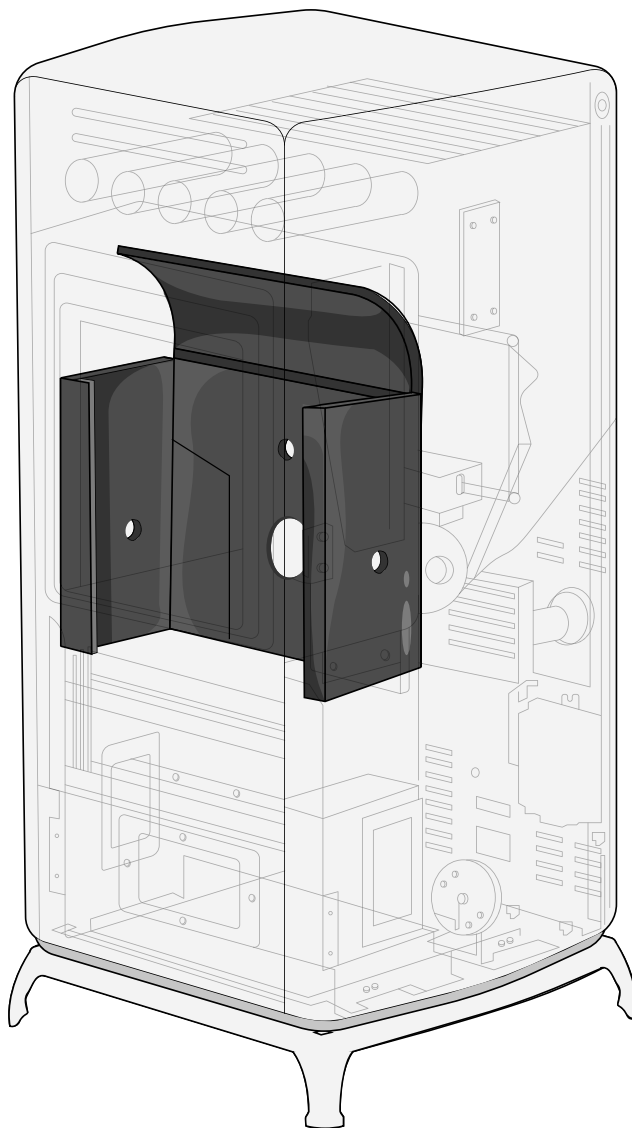
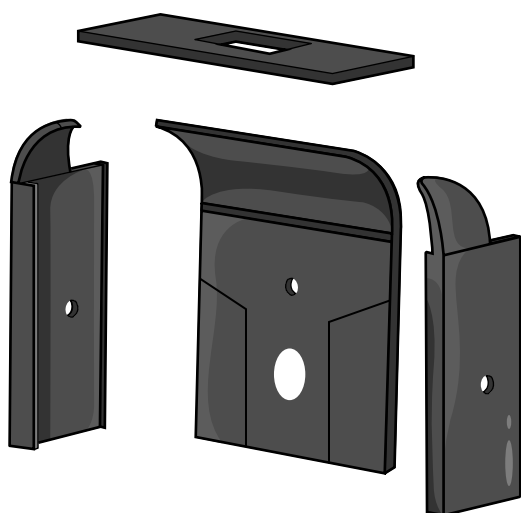
Stoves bases

DETAIL



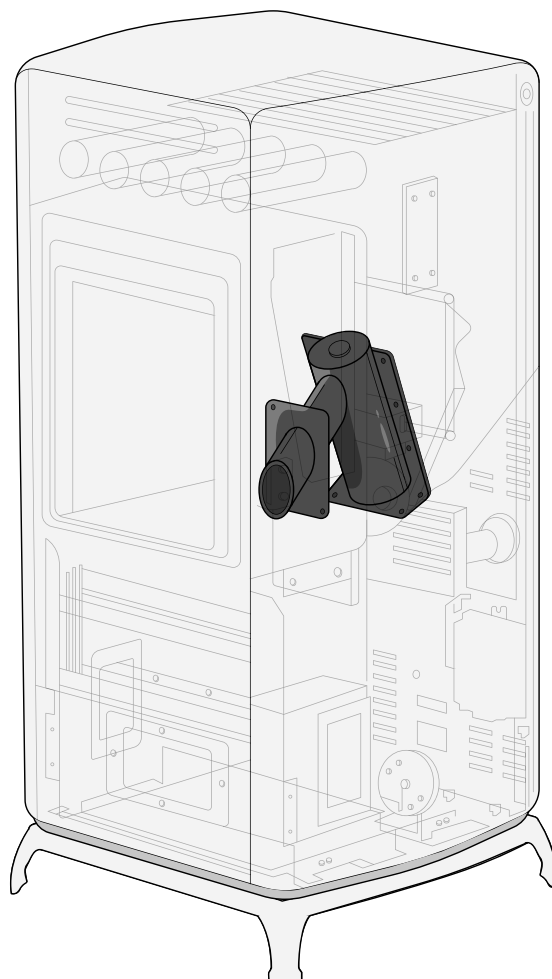
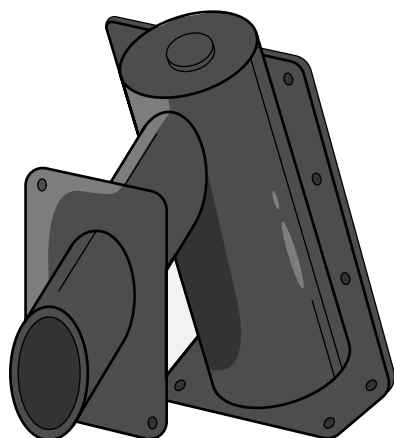
Combustion chambers

DETAIL



Loaders

DETAIL



Standard production



ART.: FV CAR GJL

DIMENSIONS (cm): 17 X 13,8 X 18,5 H

KG: 7,00



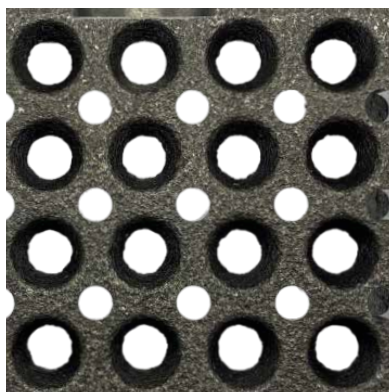
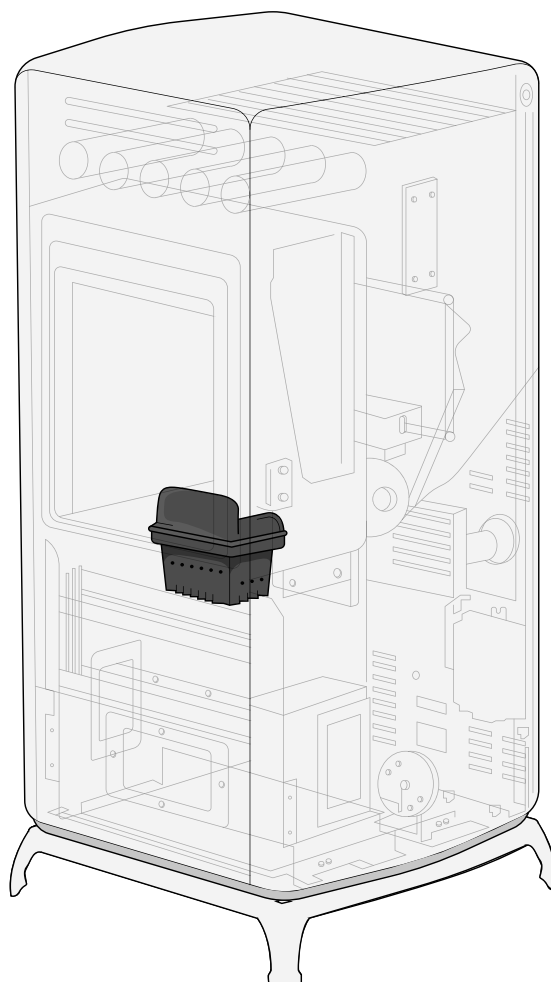
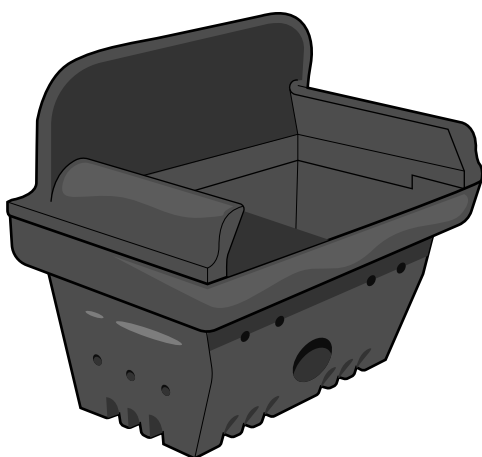
ART.: FV CAR2 GJL

DIMENSIONS (cm): 10,7 X 11,2 X 10,8 H

KG: 2,90

Burners

DETAIL



Standard production



ART.: FV BRA 113X93

DIMENSIONS (cm)

11,3 X 9,3 X 8,0 H cm
Ø glow plug hole 13mm

KG: 1,60



ART.: FV BRA 113X93 + TOP

DIMENSIONS (cm)

11,3 X 9,3 X 11,6 H
Ø glow plug hole 13mm

KG: 2,00



ART.: FV BRA 118X99

DIMENSIONS (cm)

11,8 X 9,9 X 7,5 H
Ø glow plug hole 18mm

KG: 1,30



ART.: FV BRA 119X99 + TOP

DIMENSIONS (cm)

11,8 X 9,9 X 12,7 H
Ø glow plug hole 18mm

KG: 1,90



ART.: FV BRA 136X92

DIMENSIONS (cm)

13,6 X 9,2 X 7,1 H
Ø glow plug hole 18mm

KG: 1,40



ART.: FV BRA 136X92 + TOP

DIMENSIONS (cm)

13,6 X 9,2 X 12,3 H
Ø glow plug hole 18mm

KG: 2,00



ART.: FV BRA 151x125

DIMENSIONS (cm)

15,1 X 12,5 X 7,6 H
Ø glow plug hole 18mm

KG: 1,90



ART.: FV BRA 151x125 + TOP

DIMENSIONS (cm)

15,1 X 12,5 X 12,9 H
Ø glow plug hole 18mm

KG: 2,90



ART.: FV BRA 165x106

DIMENSIONS (cm)

16,5 X 19,6 X 7,5 H
Ø glow plug hole 17mm

KG: 2,00



ART.: FV BRA 145x100

DIMENSIONS (cm)

14,5 X 10,0 X 12,5 H
Ø glow plug hole 22mm

KG: 2,05



Standard production

Material: Cast iron EN GJL 200



ART.: FV BRA 1L

DIMENSIONS (cm): 5,0 X 5,7 X 10,5 H

KG: 1,10



ART.: FV BRA 1C

DIMENSIONS (cm): 5,0 X 5,7 X 10,5 H

KG: 0,60



Material: Cast iron EN GJL 200



ART.: FV BRA 2L

DIMENSIONS (cm): 5,0 X 12,3 X 15,0 H

KG: 1,75



ART.: FV BRA 2C

DIMENSIONS (cm): 12,7 X 12,7 X 11,5 H

KG: 2,95



Material: Cast iron EN GJL 200



ART.: FV BRA 3L

DIMENSIONS (cm): 12,1 X 15,5 X 18,5 H

KG: 2,90



ART.: FV BRA 3C

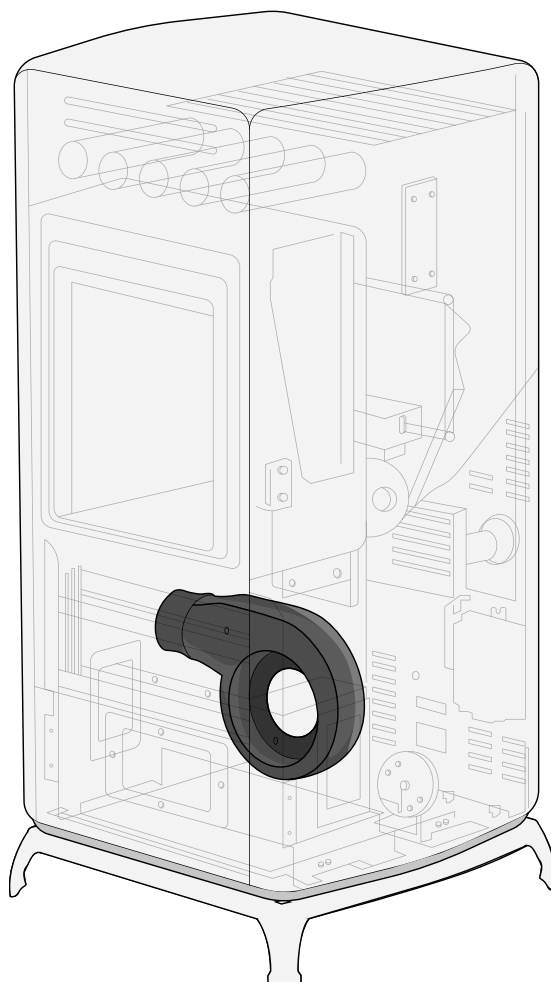
DIMENSIONS (cm): 5,0 X 15,5 X 18,5 H

KG: 2,40



Fans

DETAIL



Standard production



ART.: FV AREATORE 80

DIMENSIONS (cm): Ø 29 X 21 X 7,8 H (EXIT 8CM)

KG: 3,20



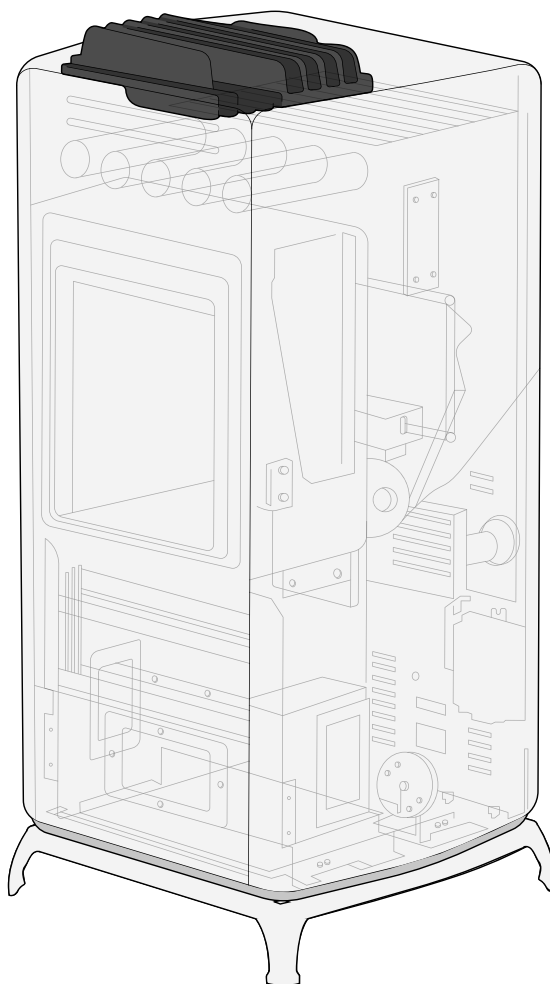
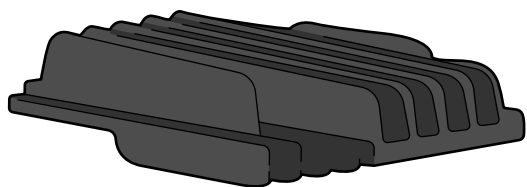
ART.: FV AREATORE 100

DIMENSIONS (cm): Ø 31 X 26 X 6,6 H (EXIT 10CM)

KG: 4,50

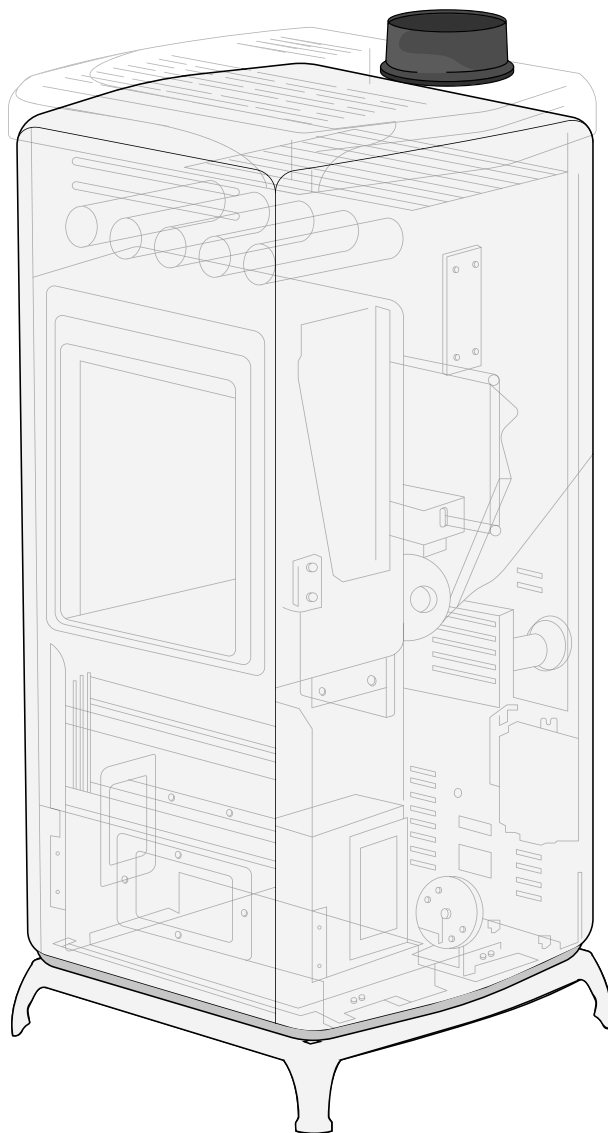
Heat exchangers

DETAIL



Smoke rings

DETAIL



Standard production



ART.: RING100

DIMENSIONS (cm): Ø 11,5 X 5,0 H

KG: 0,64

With two holes for fixing



ART.: RING120

DIMENSIONS (cm): Ø 13,2 X 5,0 H

KG: 0,74

With two holes for fixing



ART.: RING130

DIMENSIONS (cm): Ø 14,0 X 5,0 H

KG: 0,85

With two holes for fixing



ART.: RING150

DIMENSIONS (cm): Ø 15,0 X 5,1 H

KG: 1,30

With two holes for fixing



ART.: RING200

DIMENSIONS (cm): Ø 20,0 X 5,1 H

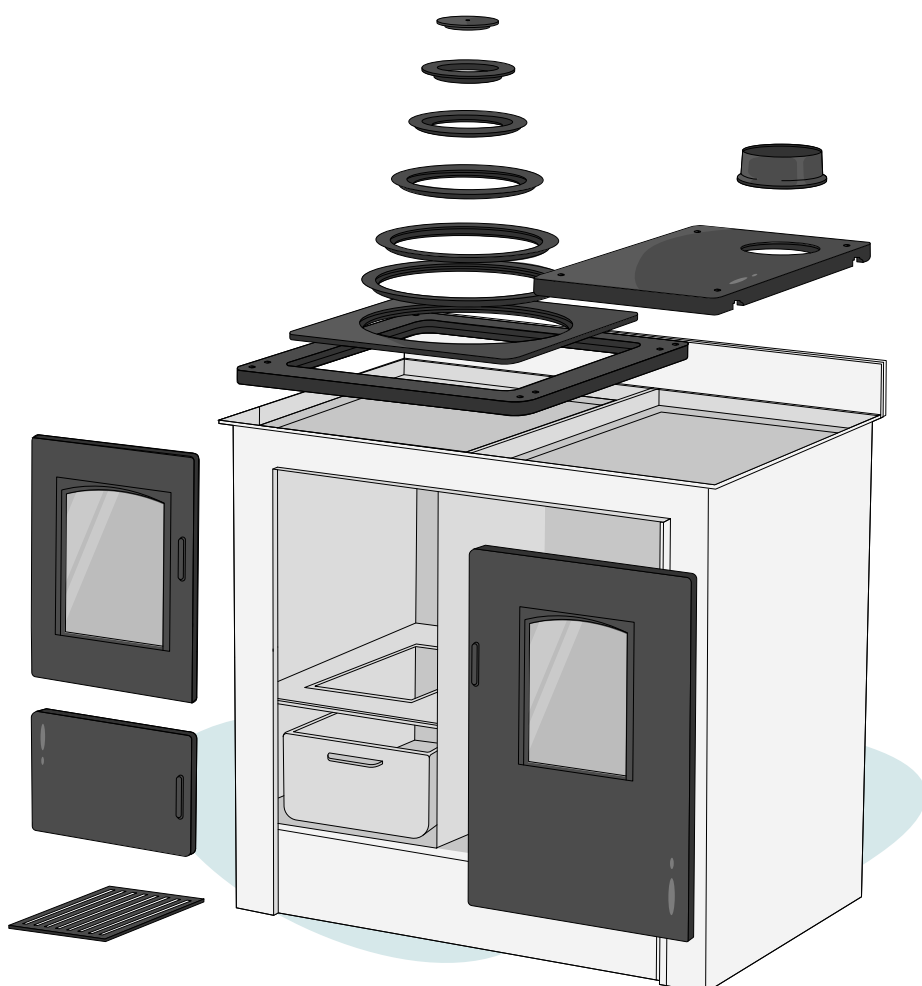
KG: 1,70

With two holes for fixing



Kitchen and barbecue parts

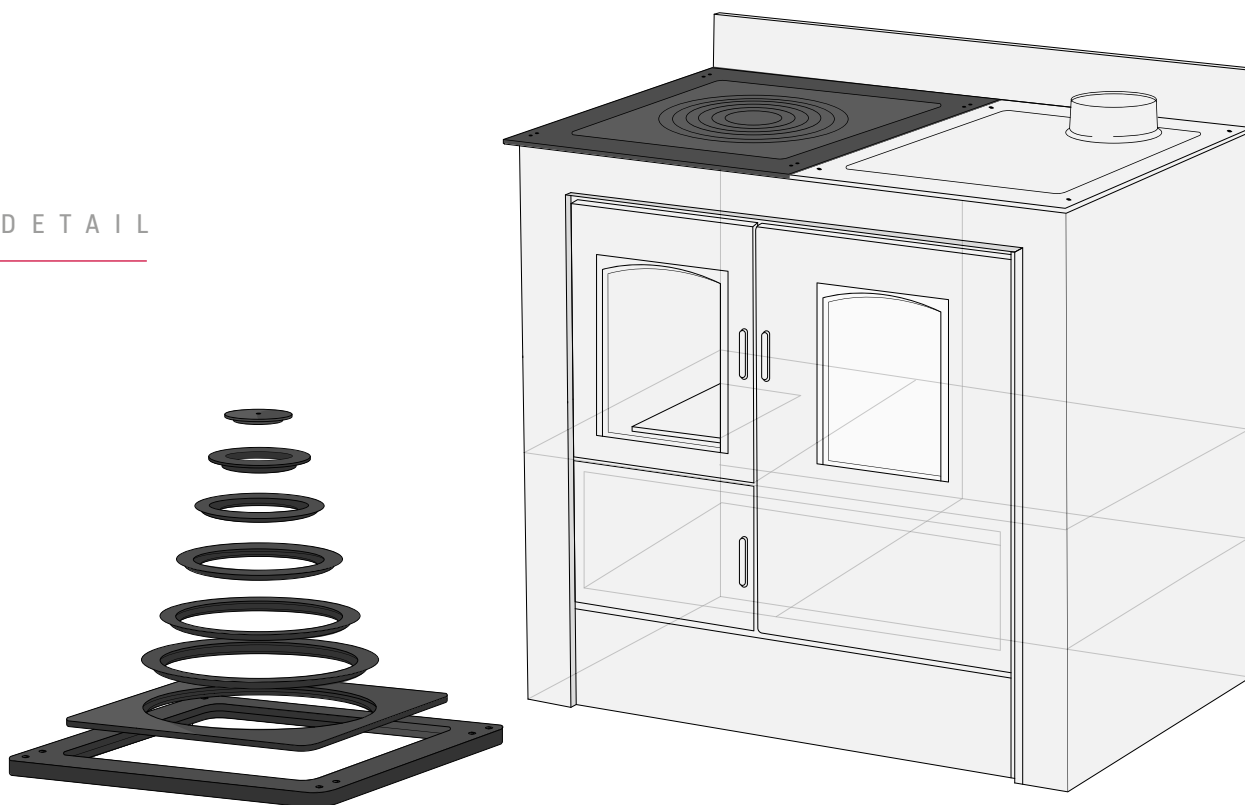
- 01. **Kitchen countertops** / pg 22
- 02. **Enamelled grates** / pg 23
- 03. **Enamelled cookware** / pg 24



All products are made of cast iron EN GJL 200 following the EN1561 standard

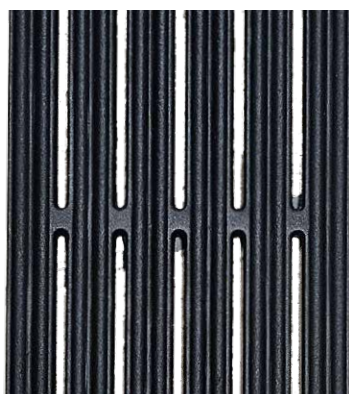
Kitchen countertops

DETAIL

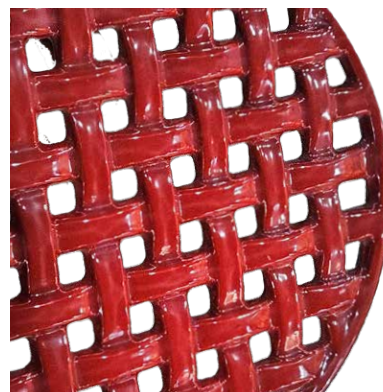


Enamelled grates

DETAIL



Enamelled cookware



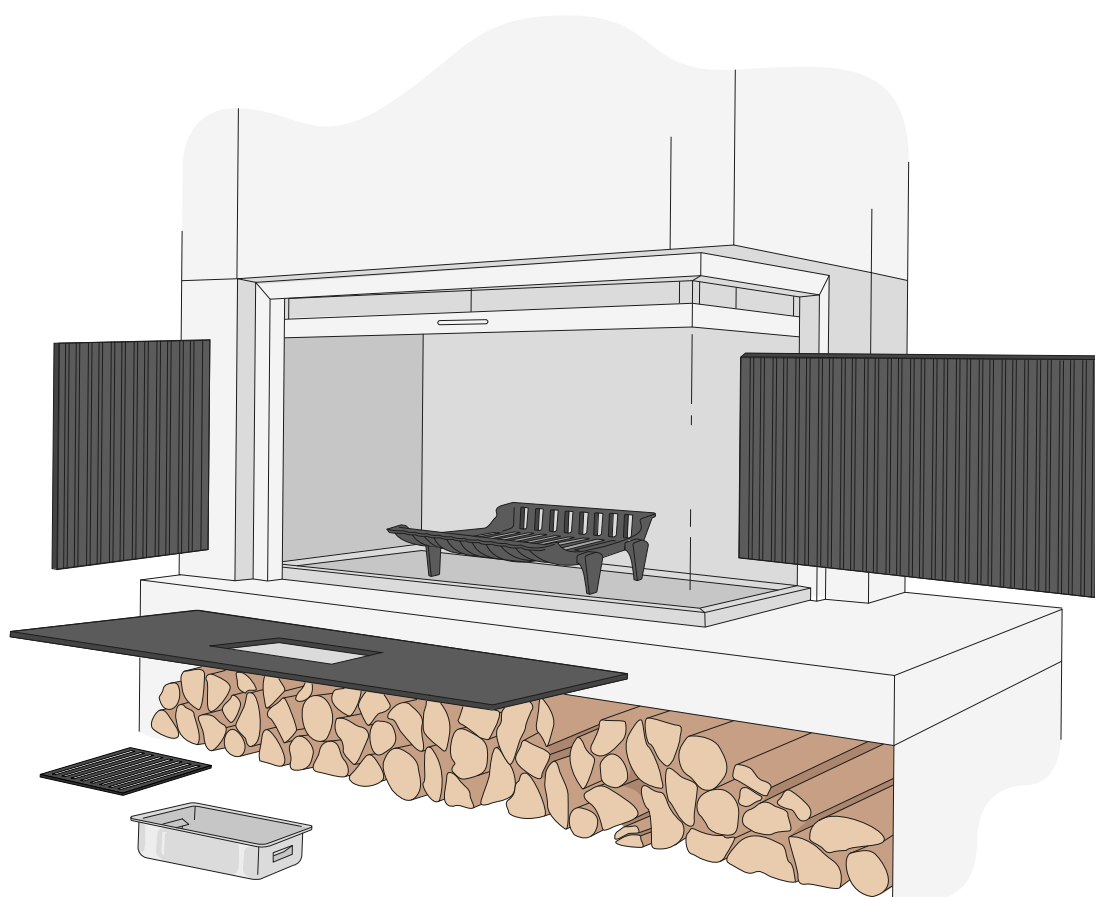
Fireplace and thermofireplace parts

01. Plates

Smooth / Grooved / Edge / pg 26

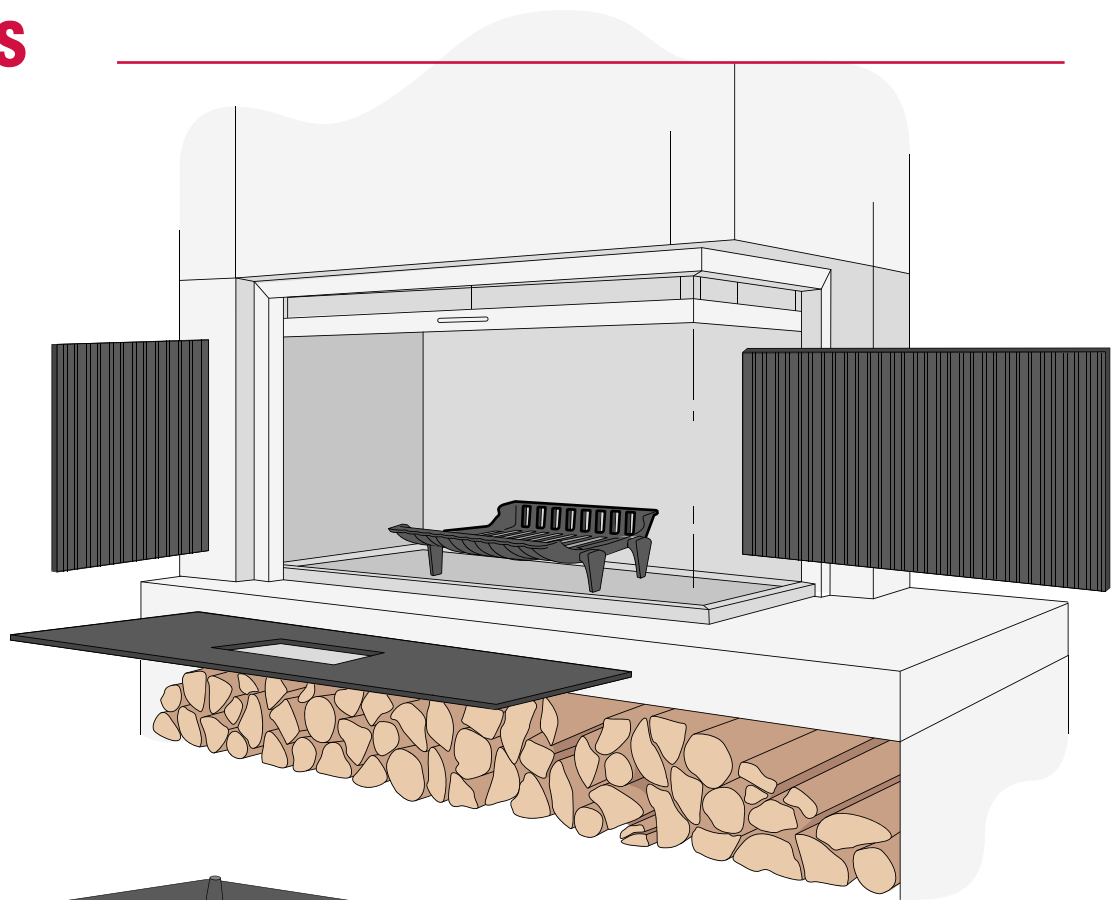
02. Grates

Cast iron grates / Ventilation grates / pg 29

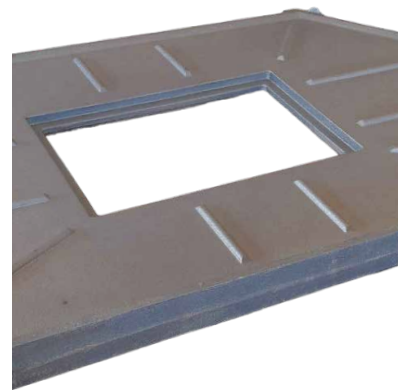
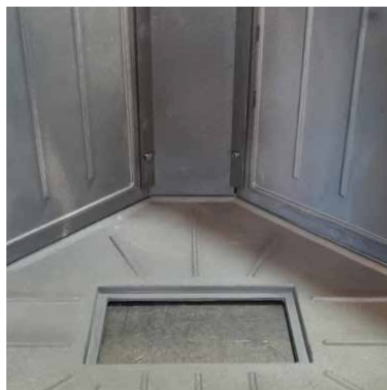
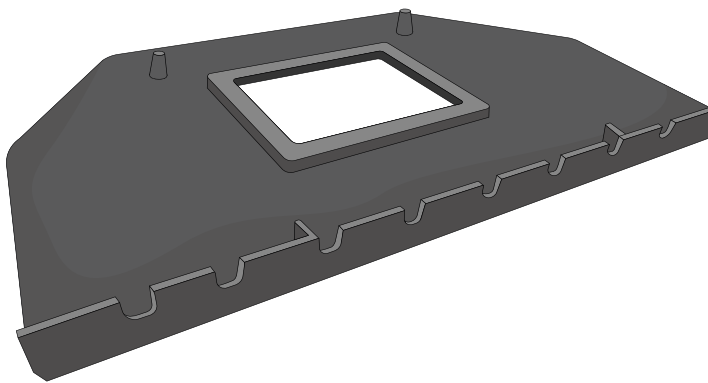


All products are made of cast iron EN GJL 200 following the EN1561 standard

Plates



DETAIL

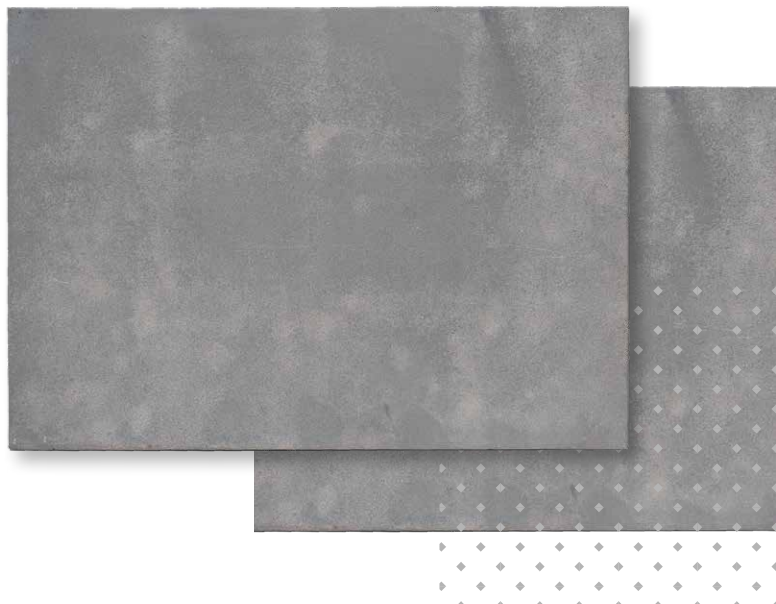


Standard production

SMOOTH PLATES

THICKNESS - cm 0,8

ART.	DIMENSIONS	Kg
LL 4040 0,8	40 x 40 x 0,8 cm	8,50
LL 4050 0,8	40 x 50 x 0,8 cm	11,70
LL 4060 0,8	40 x 60 x 0,8 cm	13,20
LL 5050 0,8	50 x 50 x 0,8 cm	14,00
LL 5060 0,8	50 x 60 x 0,8 cm	18,00
LL 5070 0,8	50 x 70 x 0,8 cm	18,20
LL 6060 0,8	60 x 60 x 0,8 cm	18,50



THICKNESS - cm 1

ART.	DIMENSIONS	Kg
LL 4050 1	40 x 50 x 1 cm	13,00
LL 4060 1	40 x 60 x 1 cm	17,00
LL 7040 1	70 x 40 x 1 cm	20,30
LL 5050 1	50 x 50 x 1 cm	18,00
LL 5060 1	50 x 60 x 1 cm	21,50
LL 5070 1	50 x 70 x 1 cm	24,70
LL 5075 1	50 x 75 x 1 cm	25,80
LL 5080 1	50 x 80 x 1 cm	28,00
LL 6060 1	60 x 60 x 1 cm	25,50
LL 6070 1	60 x 70 x 1 cm	28,50
LL 6080 1	60 x 80 x 1 cm	32,00
LL 6090 1	60 x 90 x 1 cm	36,50
LL 60100 1	60 x 100 x 1 cm	41,00
LL 7070 1	70 x 70 x 1 cm	30,50
LL 7090 1	70 x 90 x 1 cm	43,00
LL 8080 1	80 x 80 x 1 cm	44,00
LL 8090 1	80 x 90 x 1 cm	52,20

THICKNESS - cm 1,2 / 1,4

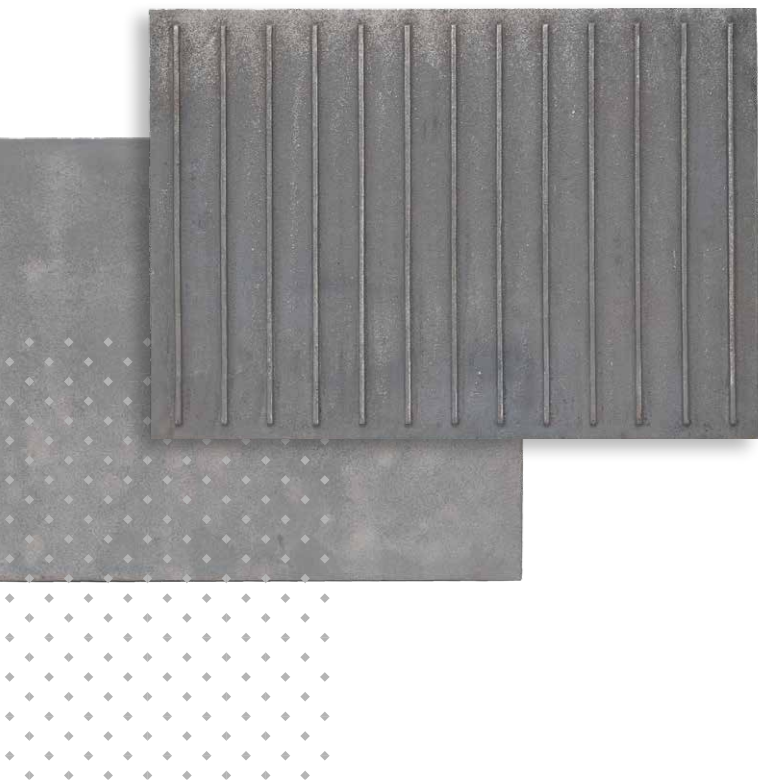
ART.	DIMENSIONS	Kg
LL 60120 1,2	60 x 120 x 1,2 cm	60,50
LL 80100 1,2	80 x 100 x 1,2 cm	66,00
LL 80110 1,2	80 x 110 x 1,2 cm	77,00
LL 80130 1,2	80 x 130 x 1,2 cm	86,50
LL 90100 1,2	90 x 100 x 1,2 cm	77,50
LL 100100 1,2	100 x 100 x 1,2 cm	86,00
LL 100130 1,2	100 x 130 x 1,2 cm	105,00
LL 120140 1,4	120 x 140 x 1,4 cm	176,00

THICKNESS - cm 0,6

ART.	DIMENSIONS	Kg
LL 5050 0,6	50 x 50 x 0,6 cm	10,10
LL 5060 0,6	50 x 60 x 0,6 cm	12,10
LL 6060 0,6	60 x 60 x 0,6 cm	15,00
LL 5070 0,6	50 x 70 x 0,6 cm	15,50



GROOVED PLATES



THICKNESS - cm 0,8

ART.	DIMENSIONS	Kg
LS 4950 0,8	49 x 50 h x 0,8 cm	15,80
LS 5750 0,8	57 x 50 h x 0,8 cm	18,20
LS 6050 0,8	60 x 50 h x 0,8 cm	17,00
LS 7050 0,8	70 x 50 h x 0,8 cm	22,00

THICKNESS - cm 1

ART.	DIMENSIONS	Kg
LS 4950 1	49 x 50 h x 1 cm	18,00
LS 6050 1	60 x 50 h x 1 cm	23,30
LS 7050 1	70 x 50 h x 1 cm	27,70
LS 6060 1	60 x 60 h x 1 cm	28,30
LS 7060 1	70 x 60 h x 1 cm	32,00
LS 8060 1	80 x 60 h x 1 cm	39,00

EDGE PLATES

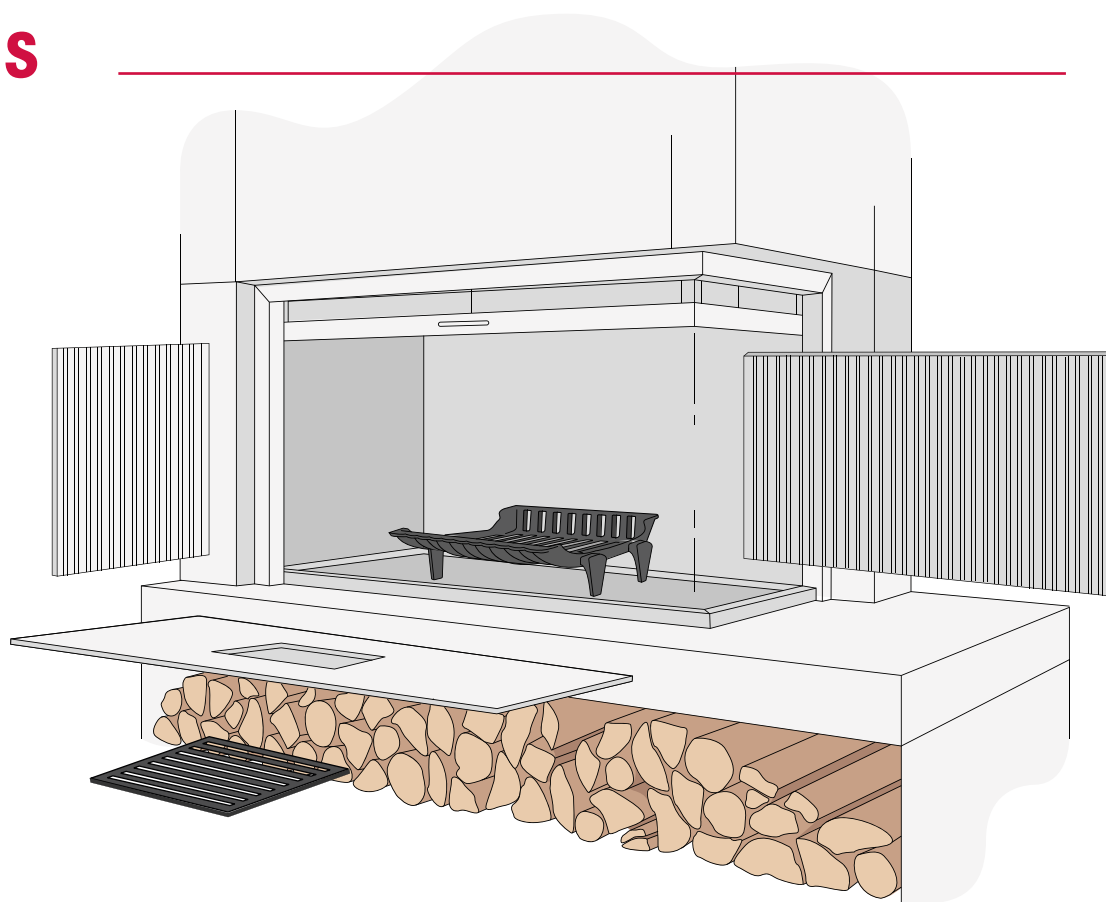


THICKNESS - cm 1

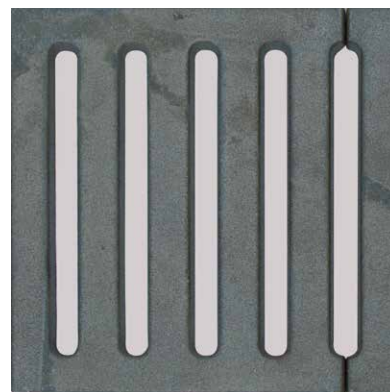
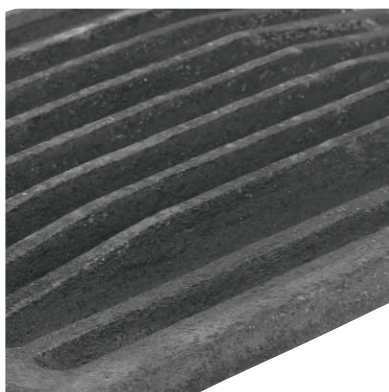
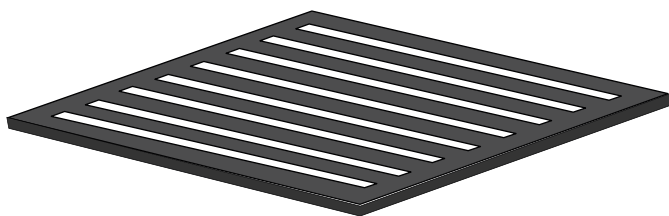
ART.	DIMENSIONS	Kg
LE 5050 1	50 x 50 h x 1 cm	12,50
LE 6050 1	60 x 50 h x 1 cm	15,50
LE 7050 1	70 x 50 h x 1 cm	18,00
LE 6060 1	60 x 60 h x 1 cm	19,00
LE 7060 1	70 x 60 h x 1 cm	21,00
LE 8060 1	80 x 60 h x 1 cm	22,50



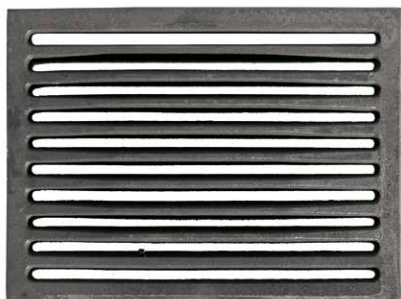
Grates



DETAIL



Standard production



ART.	DIMENSIONS	Kg
GA 238188	23,8 x 18,8 h cm	2,10
GA 290182	29 x 18,2 h cm	2,20
GA 300206	30 x 20,6 h cm	2,50

Thickness 1 cm

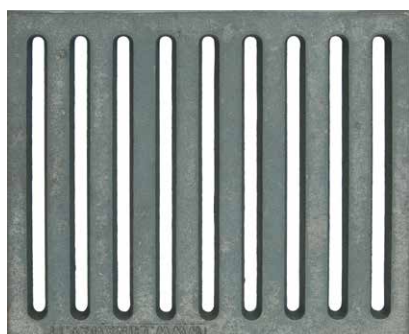


ART.	DIMENSIONS	Kg
GA 240160	24 x 16 h cm	2,20

Thickness 1 cm, central thickness 2 cm

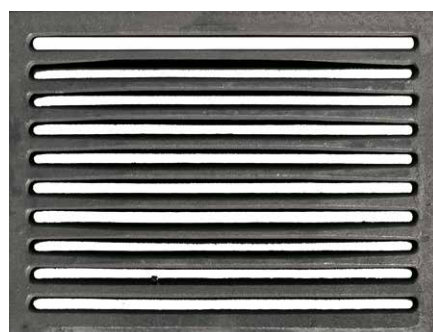
GA 293215	29,3 x 21,5 h cm	3,20
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Thickness 1 cm, central thickness 1,8 cm



ART.	DIMENSIONS	Kg
GA 195234	19,5 x 23,4 h cm	2,80

Thickness 1,2 cm



ART.	DIMENSIONS	Kg
GA 235235	23,5 x 23,5 h cm	2,70
GA 205235	20,5 x 23,5 h cm	2,00
GA 207191	20,7 x 19,1 h cm	1,90

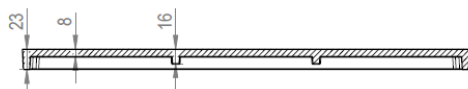
Thickness 1,0 cm

GA 225255	22,5 x 25,5 h cm	3,00
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Thickness 1,2 cm

CAST IRON GRATES

ART.	DIMENSIONS	Kg
GA 500400	50 x 40 h cm	8,70



ART.	DIMENSIONS	Kg
GA 600400	60 x 40 h cm	14,70

Thickness 2,1 cm, central thickness 1,5 cm



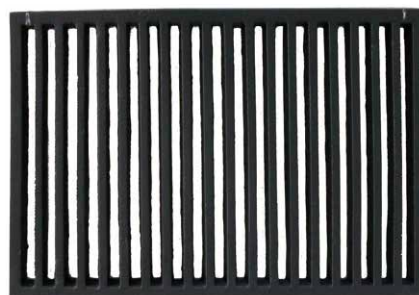
ART.	DIMENSIONS	Kg
GA 495390	49,5 x 39 h cm	11,20

Shaped - Perimeter thickness 1,2 cm
central thickness 2 cm



ART.	DIMENSIONS	Kg
GA 450300	45 x 30 h cm	10,50

Thickness 2 cm



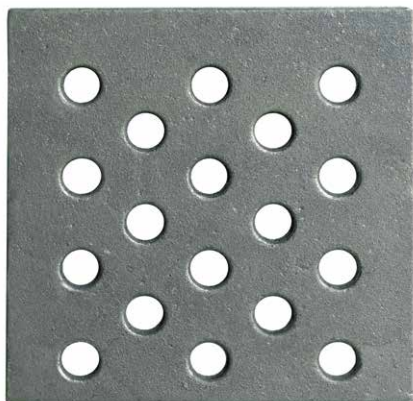
Standard production

CAST IRON GRATES



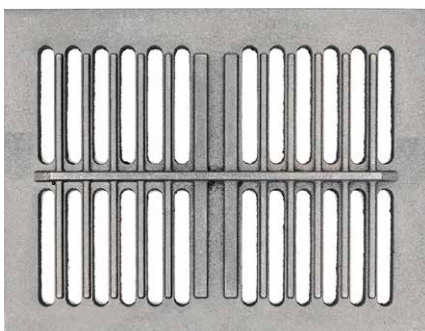
ART.	DIMENSIONS	Kg
GA 362100	36,2 x 10 h cm	1,70
GA 295150	29,5 x 15 h cm	2,05
GA 313195	31,3 x 19,5 h cm	3,10

Thickness 1 cm



ART.	DIMENSIONS	Kg
GA160160	16 x 16 h cm	1,40

Thickness 0,6 cm on 3 sides, central thickness 1 cm



ART.	DIMENSIONS	Kg
GA304209	30,4 x 20,9 h cm	3,70
GA318248	31,8 x 24,8 h cm	3,90
GA340248	34 x 24,8 h cm	4,80

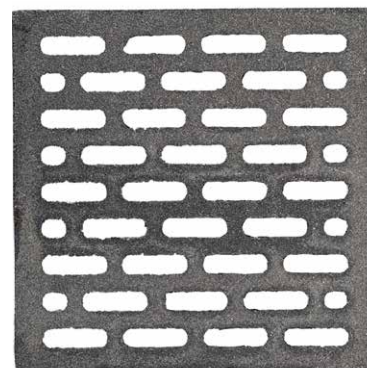
Thickness 1 cm, central thickness 1,8 cm

Standard production

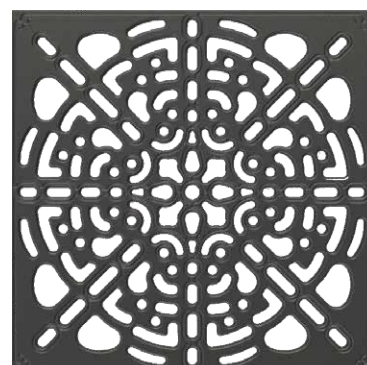
VENTILATION GRATES

ART.	DIMENSIONS	Kg
GA 150150	15 x 15 cm	1,05
GA 200200	20 x 20 cm	1,80
GA 250250	25 x 25 cm	2,50
GA 300300	30 x 30 cm	3,80

Shaped - Perimeter thickness 1.5 cm,
centre thickness 1 cm



ART.	DIMENSIONS	Kg
GAD 150150	15 x 15 cm	1,25
GAD 200200	20 x 20 cm	2,20
GAD 250250	25 x 25 cm	3,20
GAD 300300	30 x 30 cm	4,50
GAD 400400	40 x 40 cm	8,30



Product disposal

All the products in the catalogue are made of cast iron, sustainable metal because it can be recycled an unlimited number of times, with considerable savings in raw materials and energy.

The foundry, in fact, allows metal products to be reused at the end of their life, returning them to their original state. A perfect example of a circular economy.



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Cast s.r.l. reserves the right to make changes to the construction, measurements and weight of the items in its catalogues and sales lists without prior notice.

Company info

CAST SRL
VIA GIULIO CESARE, 71
000192 ROMA – RM
P. Iva 02271260560
fv-cast@pec.it



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Tel. +39 0761 1870772

E-mail: info@lunaway.it

Site: www.lunaway-castiron.com



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