



**CAST IRON
COMPONENTS
FOR
MANUFACTURERS**

C+







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WWW.LUNAWAY-CASTIRON.COM**





**"THE BEST WAY TO PREDICT
THE FUTURE IS TO CREATE IT."**

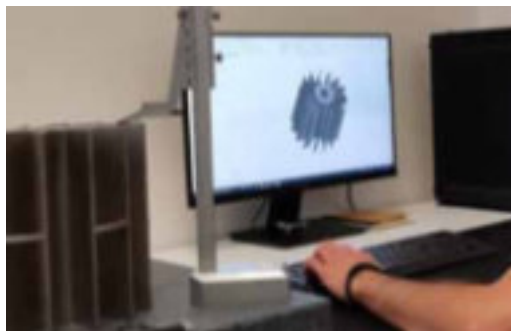
Alan Kay



CUSTOMIZED PRODUCTION

DESIGN AND INDUSTRIALIZATION

All casting components are carefully designed and industrialized by our team of experts. The use of cutting-edge technologies, such as three-dimensional parametric software and casting simulators, allows us to create components that offer the best performance in terms of durability during use. Our custom designs have been tried and tested on a variety of materials, from aluminum to steel and cast iron, and we know how to create components that meet the specific requirements of our customers in different industries. Thanks to our approach to the industrialization and design of casting components, we guarantee maximum efficiency, reliability, and quality in every product we supply.



METAL PROTOTYPING

Pattern box sand 3D printing technology represents an important evolution in the field of metal prototyping; it allows the creation of solid, precise prototypes that can be used in real conditions. In the past, it was common to use techniques such as milling, which had long processing times, or metal 3D printing, which required expensive tools, or polymer 3D printing, which did not allow the product to be tested in any way, especially for sectors such as heating products. This system, on the other hand, allows you to create prototypes using digital programming data, offering developers and manufacturers fast turnaround times and significantly lower production costs for complex and customizable prototypes.



- A** 3D PRINTING OF A SHELL MOLD IN SAND AND RESIN
- B** CASTING WITH CAST IRON, DUCTILE IRON, ALUMINUM
- C** MECHANICAL PROCESSING TO OBTAIN THE FINISHED PIECE

SKILLS

- +** Rapid prototypes
Products that can be used for technical testing
- Each shell model is for a single casting.

MODELS AND EQUIPMENT

We always produce models using factory molds located close to the foundry, which offers many advantages. First of all, working in close contact allows for reduced costs and times and greater flexibility in production, as any changes can be made before the production process begins. This means we can respond more quickly to market demands.

PRODUCTION PRE-SERIES

Producing a pre-series of castings before starting large-scale production can bring many advantages to both the foundry and the user.

Firstly, it allows us to identify any problems and correct them before starting large-scale production. Furthermore, it can be used to obtain feedback from customers or potential buyers, helping us to better understand market needs and ensure that the finished product meets expectations. This means that mass production will begin with fewer risks and fewer surprises, making the entire process much more reliable. In addition, the foundry can test and optimize the casting process to ensure that it is efficient and produces high-quality parts.



PRE-SERIES VALIDATION

The validation of pre-series castings is a fundamental activity to ensure the quality and correct functionality of the finished products. At this stage, our technical department tests various aspects of the castings, such as mechanical strength, dimensional accuracy, and the external appearance of the skin, but analysis and validation by the customer's technical department is also absolutely necessary to avoid errors and proceed with confidence to series production.

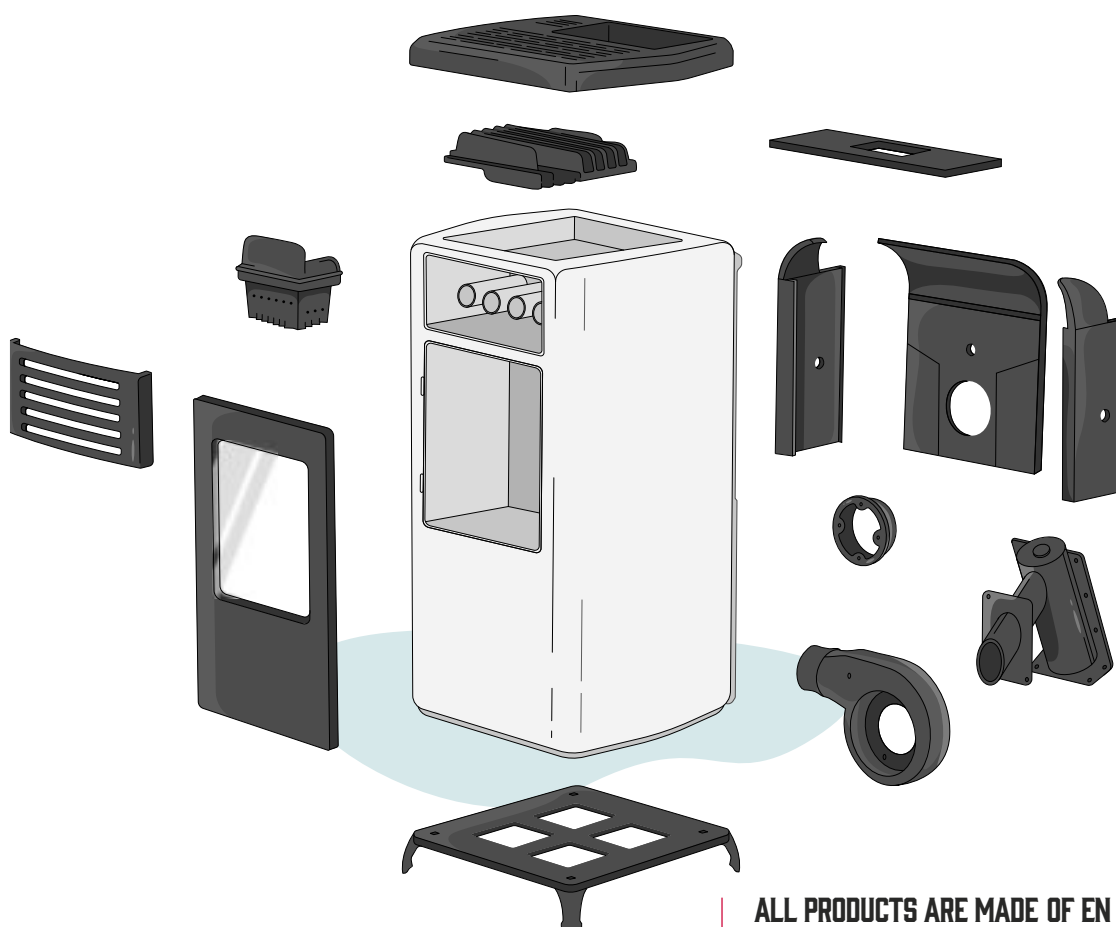
MASS PRODUCTION

Whether mass production is carried out using automated lines or by hand, in shell molds or using the lost wax method, the goal is to guarantee high quality, repeatability of parts, and minimal waste. Thanks to technology, we control every stage of the process to optimize the result, both in the production of molds and in the control of material parameters during casting, from pouring to cleaning the castings.



COMPONENTS FOR STOVES

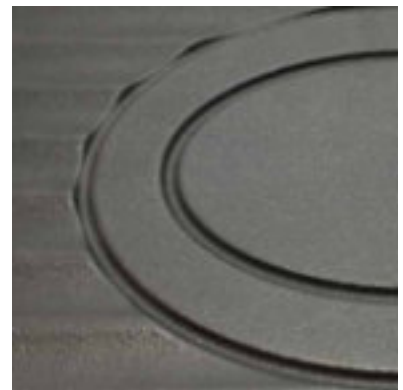
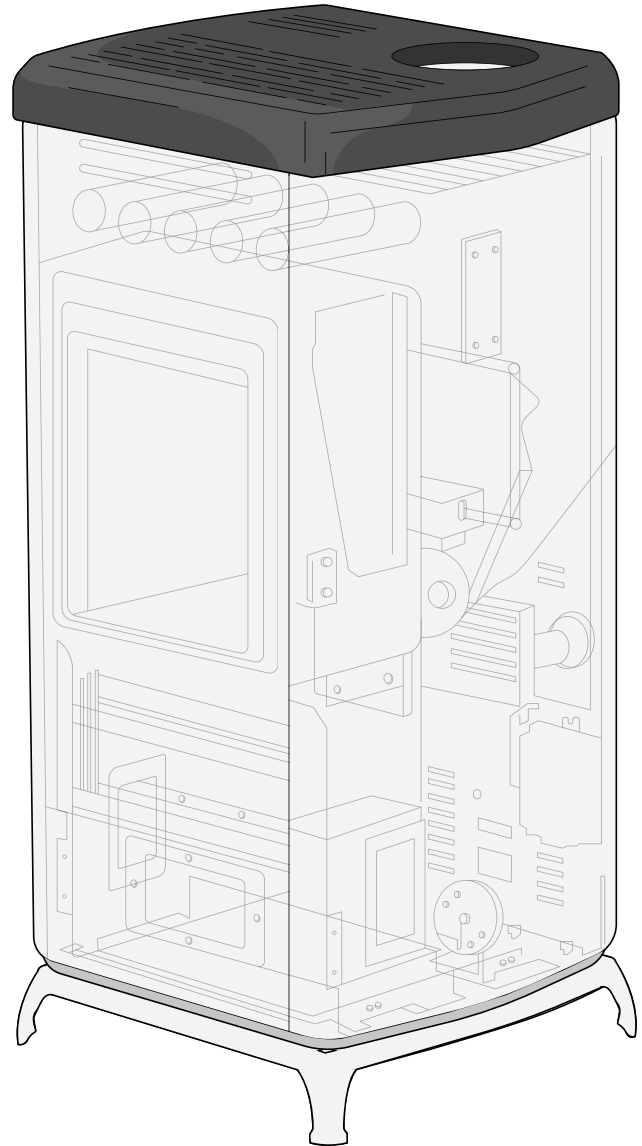
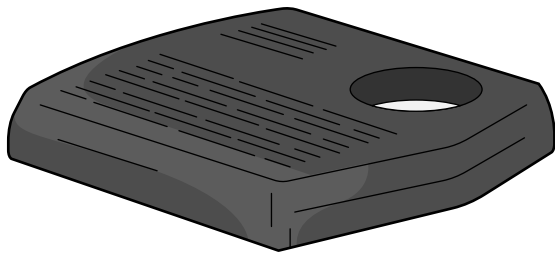
- | | | |
|-----|----------------------------|---------|
| 01. | TOPS FOR STOVES | / PG 9 |
| 02. | DOORS FOR STOVES | / PG 10 |
| 03. | BASES FOR STOVES | / PG 11 |
| 04. | COMBUSTION CHAMBERS | / PG 12 |
| 05. | LOADERS | / PG 13 |
| 06. | BURNERS | / PG 14 |
| 07. | AERATORS | / PG 17 |
| 08. | HEAT EXCHANGERS | / PG 18 |
| 09. | SMOKE RINGS | / PG 19 |



ALL PRODUCTS ARE MADE OF EN GJL 200 CAST IRON
IN ACCORDANCE WITH EN1561.

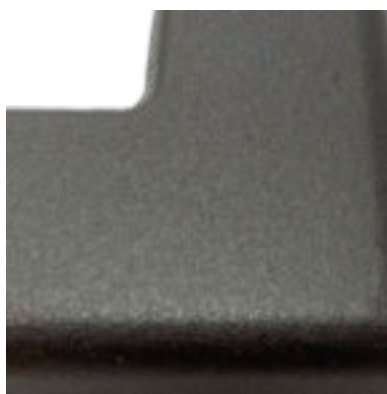
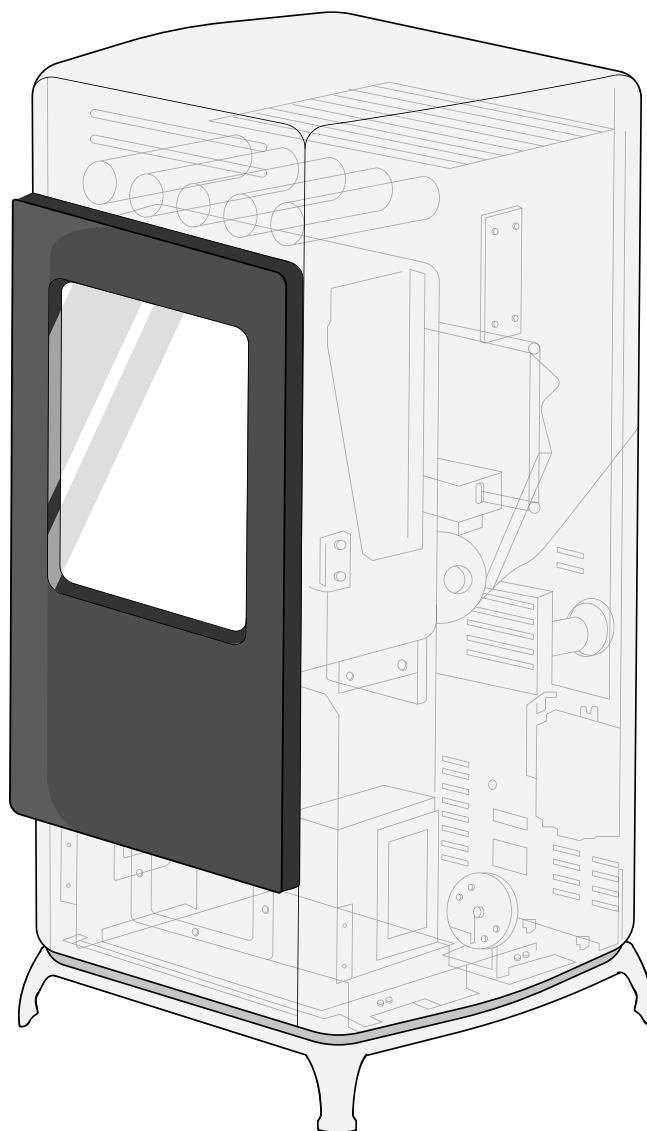
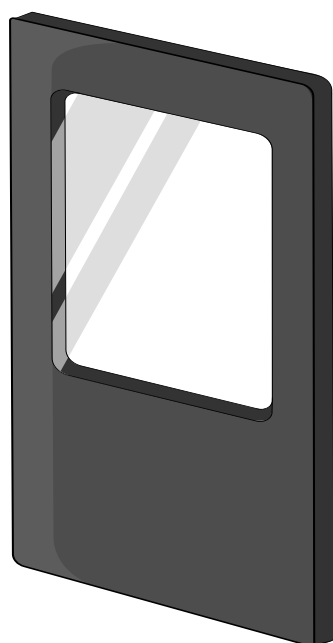
TOPS FOR STOVES

DETAIL



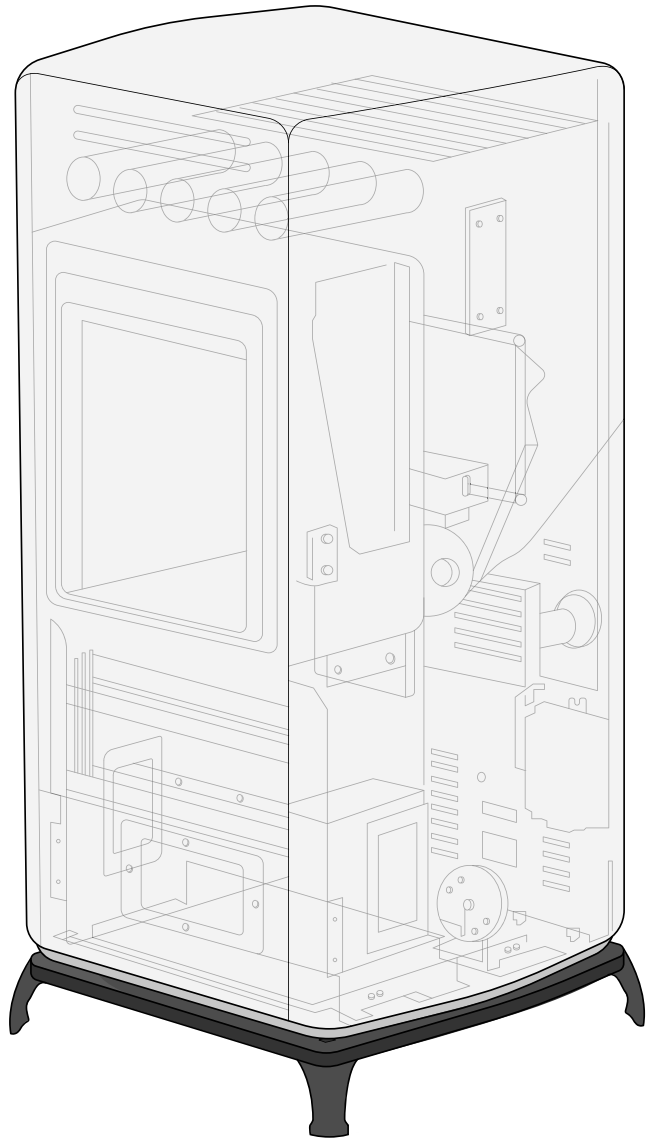
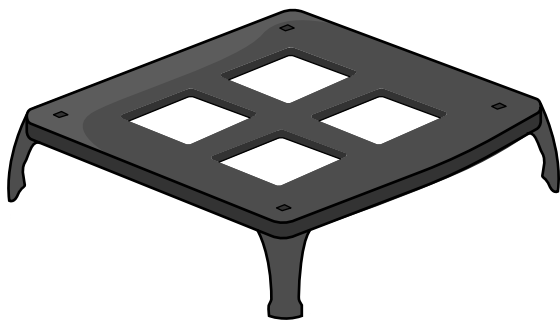
DOORS FOR STOVES

DETAIL



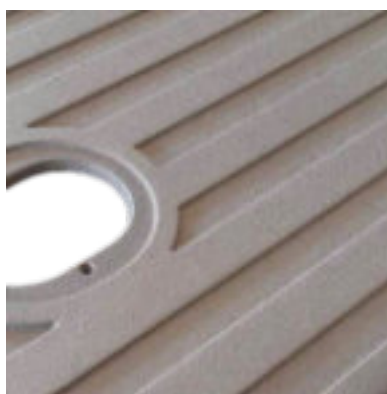
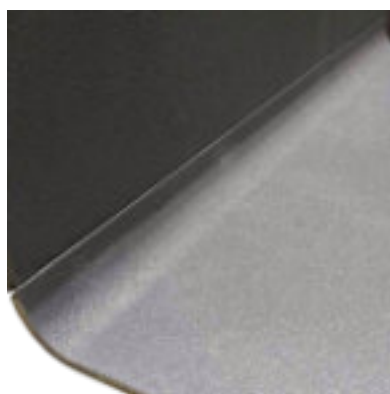
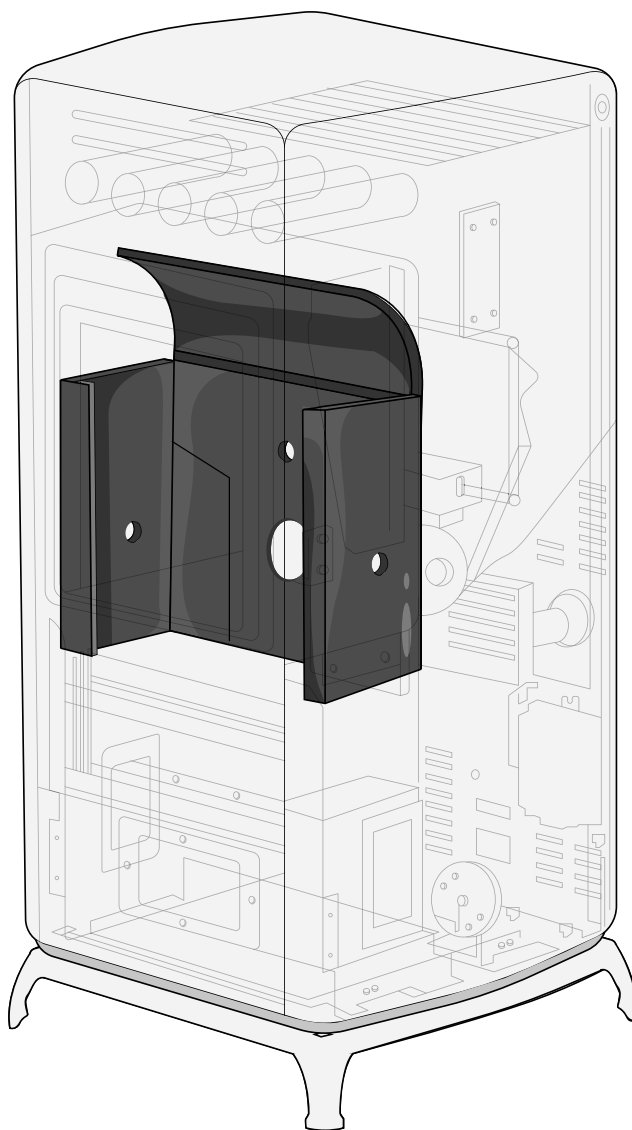
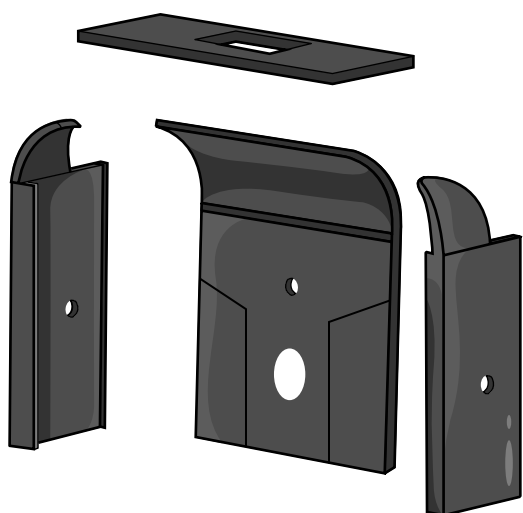
BASES FOR STOVES

DETAIL



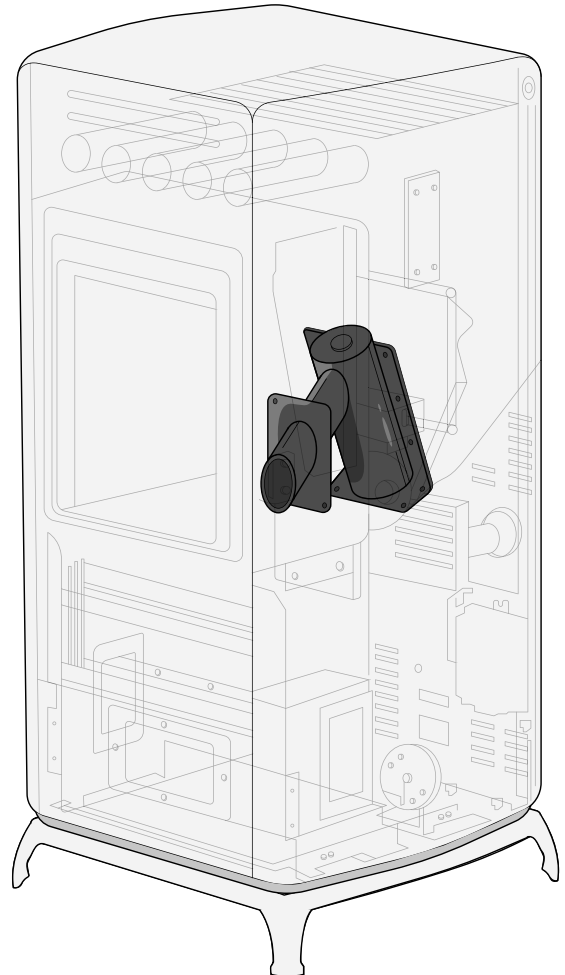
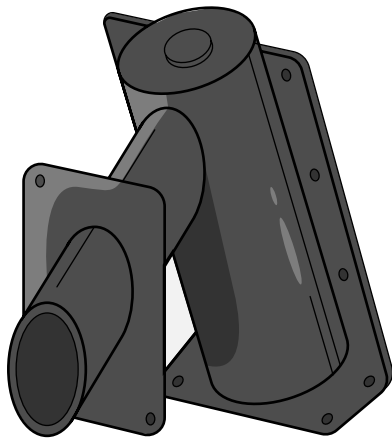
COMBUSTION CHAMBERS

DETAIL



LOADERS

DETAIL



STANDARD PRODUCTION



ART.: FV CAR GJL

Dimensions (in): 6,69 x 5,43 x 7,28H

lb: 15,43



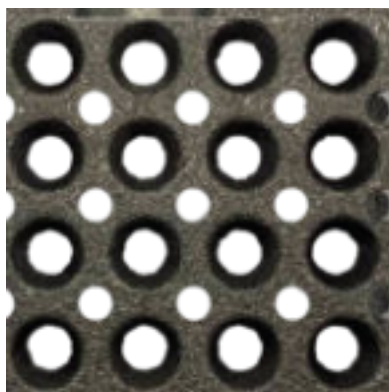
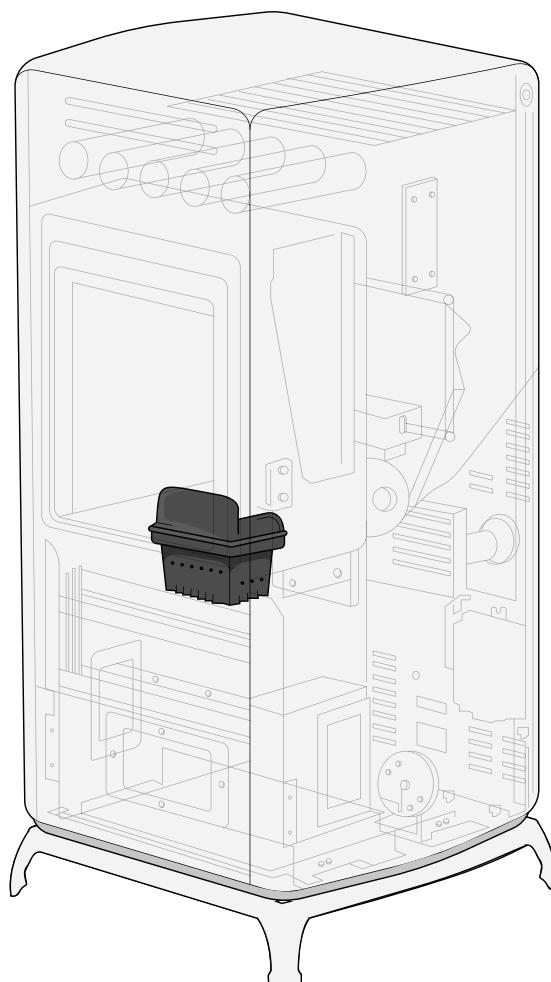
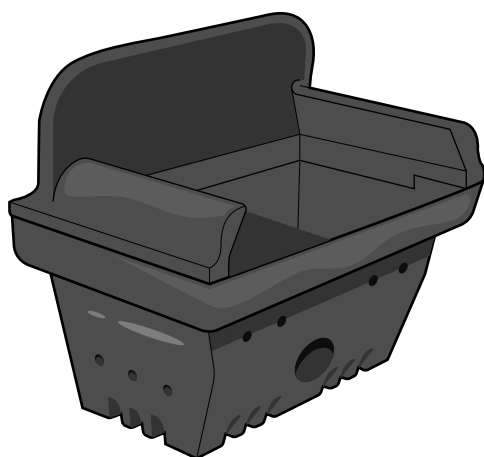
ART.: FV CAR2 GJL

Dimensions (in): 4,21 x 4,41 x 4,25 H

lb: 6,39

BURNERS

DETAIL



STANDARD PRODUCTION



ART.: FV BRA 113X93

Dimensions (in)
4,45 x 3,66 x 3,15 H
Hole diameter Ø 0,5

Ib: 3,53



ART.: FV BRA 113X93 + TOP

Dimensions (in)
4,45 x 3,66 x 4,57 H
Hole diameter Ø 0,5

Ib: 4,41



ART.: FV BRA 118X99

Dimensions (in)
4,65 x 3,90 x 2,95 H
Hole diameter Ø 0,7

Ib: 2,87



ART.: FV BRA 119X99 + TOP

Dimensions (in)
4,65 x 3,90 x 5,00 H
Hole diameter Ø 0,7

Ib: 4,19



ART.: FV BRA 136X92

Dimensions (in)
5,35 x 3,62 x 2,80 H
Hole diameter Ø 0,7

Ib: 3,09



ART.: FV BRA 136X92 + TOP

Dimensions (in)
5,35 x 3,62 x 4,84 H
Hole diameter Ø 0,7

Ib: 4,41



ART.: FV BRA 151x125

Dimensions (in)
5,94 x 4,92 x 2,99 H
Hole diameter Ø 0,7

Ib: 4,19



ART.: FV BRA 151x125 + TOP

Dimensions (in)
5,94 x 4,92 x 5,08 H
Hole diameter Ø 0,7

Ib: 6,39



ART.: FV BRA 165x106

Dimensions (in)
6,50 x 7,72 x 2,95 H
Hole diameter Ø 0,6

Ib: 4,41



ART.: FV BRA 145x100

Dimensions(in)
5,71 x 3,94 x 4,92 H
Hole diameter Ø 0,8

Ib: 4,52



STANDARD PRODUCTION

MATERIAL: CAST IRON EN GJL 200



ART.: FV BRA 1L

Dimensions (in): 1,97 x 2,24 x 4,13H

Ib: 2,43



ART.: FV BRA 1C

Dimensions (in): 1,97 x 2,24 x 4,13H

Ib: 1,32



MATERIALE:GHISA EN GJL 200



ART.: FV BRA 2L

Dimensions (in): 1,97 x 4,84 x 5,91H

Ib: 3,86



ART.: FV BRA 2C

Dimensions (in): 5,00 x 5,00 x 4,53H

Ib: 6,50



MATERIALE:GHISA EN GJL 200



ART.: FV BRA 3L

Dimensions (in): 4,76 x 6,10 x 7,28H

Ib: 6,39



ART.: FV BRA 3C

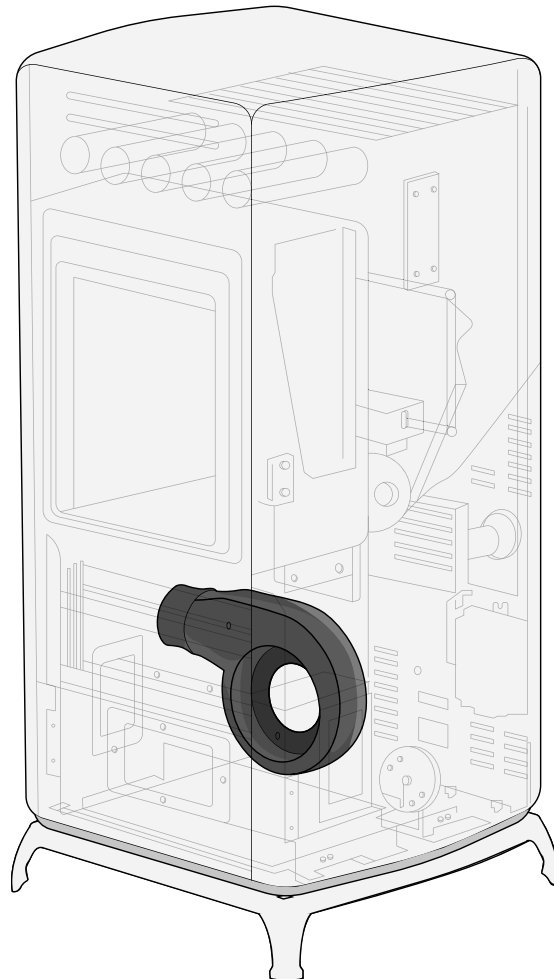
Dimensions (in): 1,97 x 6,10 x 7,28H

Ib: 5,29



AERATORS

DETAIL



STANDARD PRODUCTION



ART.: FV AREATORE 80

Dimensions (in): Ø11,42 x 8,27 x 3,07 H (EXIT 3,14)

Ib: 7,05



ART.: FV AREATORE 100

Dimensions (in): Ø12,20 x 10,24 x 2,60 H (EXIT 3,93)

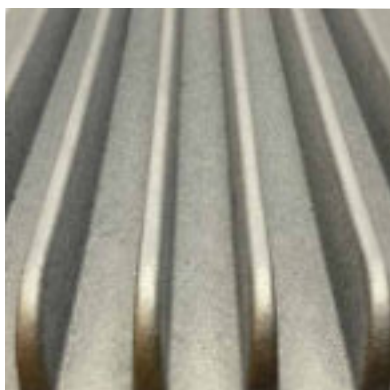
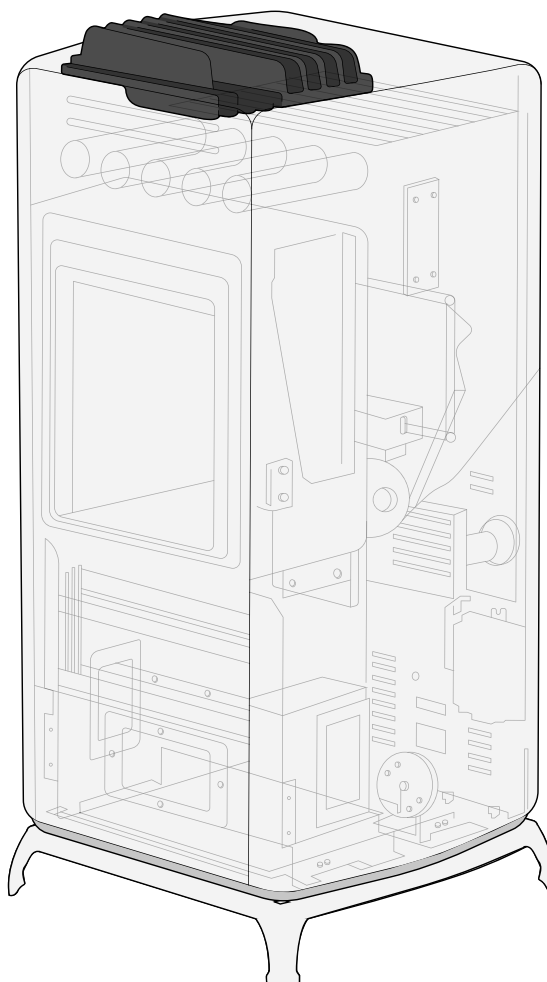
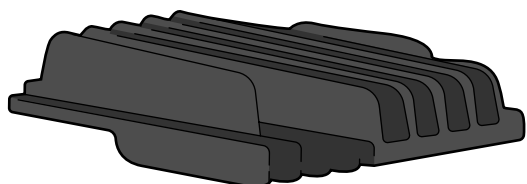
Ib: 4,50



AERATORS

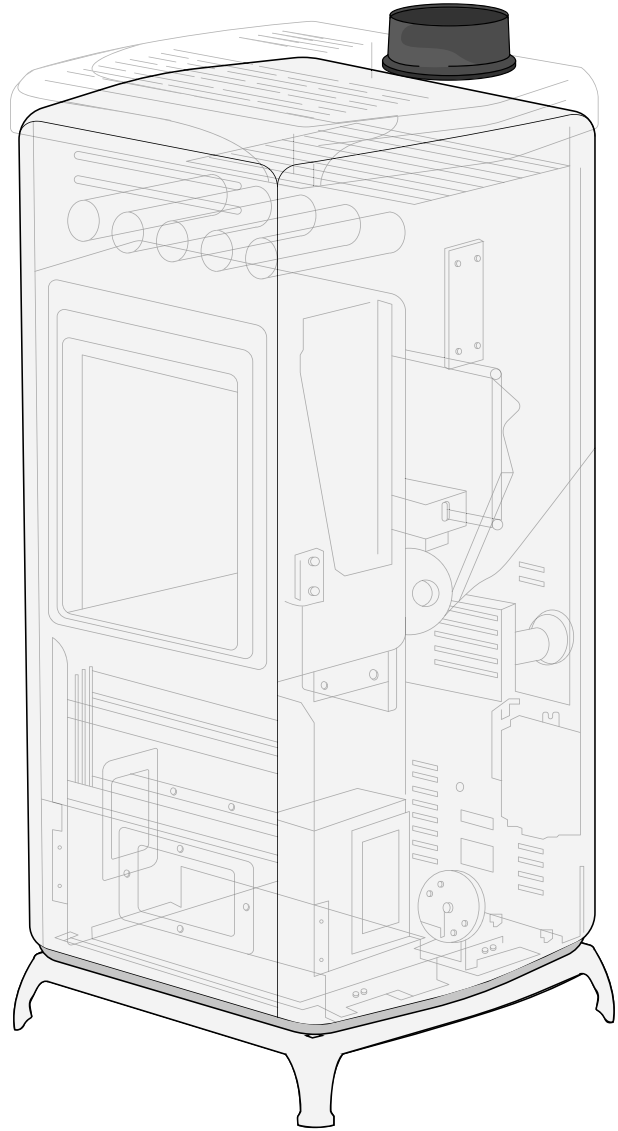
HEAT EXCHANGERS

DETAIL



SMOKE RINGS

DETAIL



STANDARD PRODUCTION



ART.: RING100

Dimensions (in): $\varnothing 4,53 \times 1,97H$

Ib: 1,41

With two holes for fastening



ART.: RING120

Dimensions (in): $\varnothing 5,20 \times 1,97H$

Ib: 1,63

With two holes for fastening



ART.: RING130

Dimensions (in): $\varnothing 5,51 \times 1,97H$

Ib: 1,87

With two holes for fastening



ART.: RING150

Dimensions (in): $\varnothing 5,91 \times 2,01H$

Ib: 2,87

With three slot for fastening



ART.: RING200

Dimensions (in): $\varnothing 7,87 \times 2,01H$

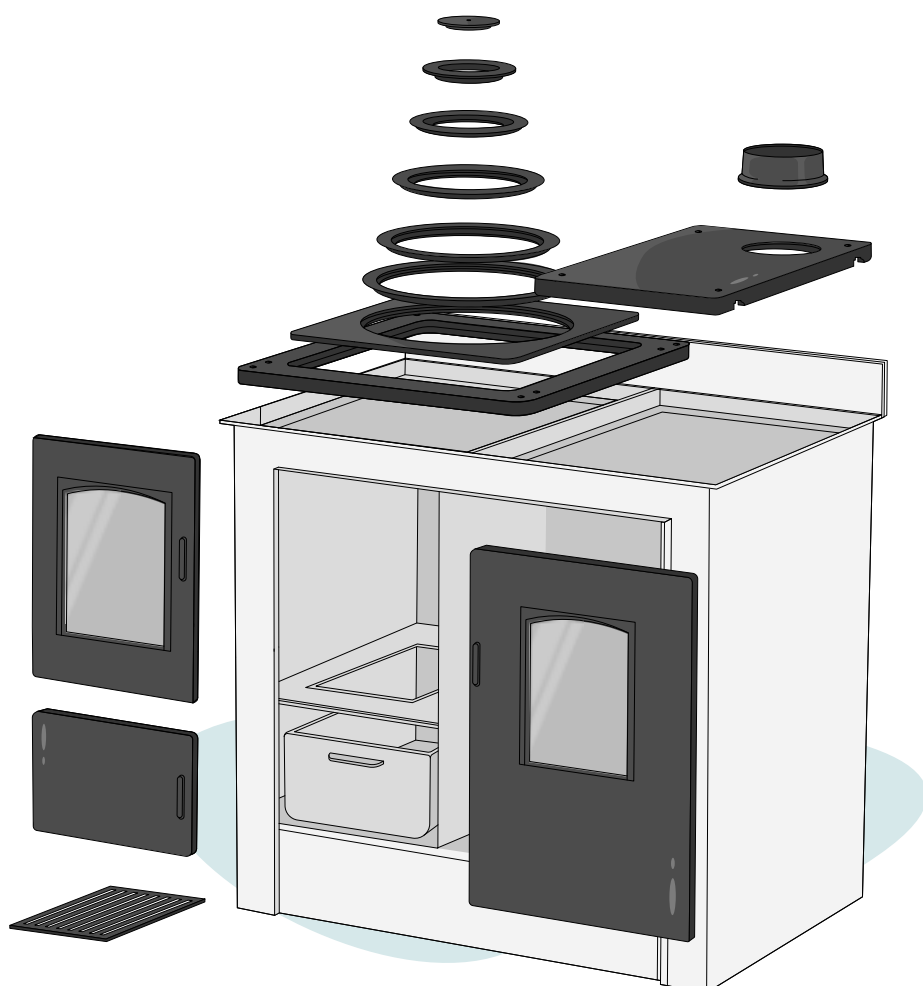
Ib: 3,75

With three slot for fastening



COMPONENTS FOR KITCHENS AND BARBECUES

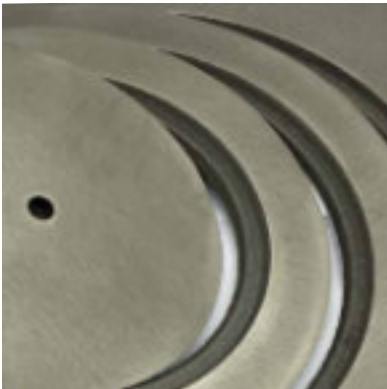
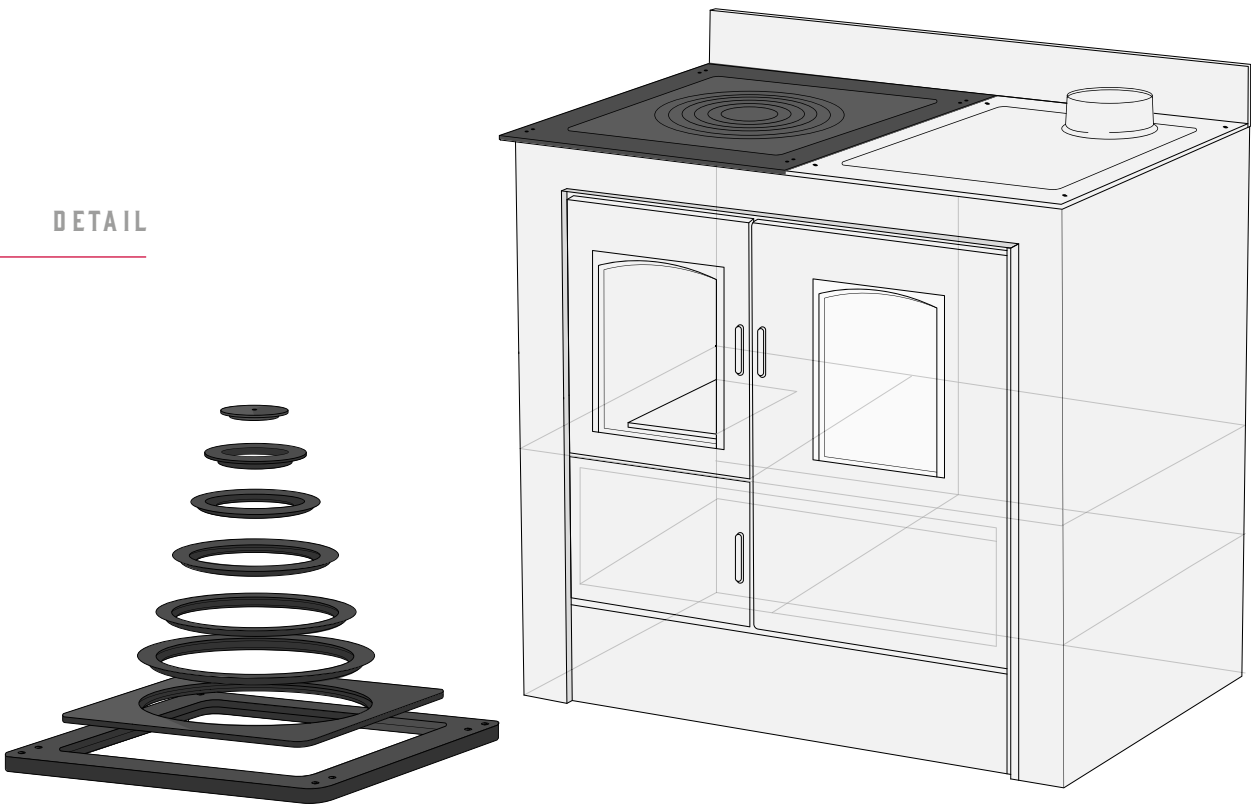
- 01. KITCHEN COUNTERTOPS / PG 22
- 02. ENAMELED GRATES / PG 24
- 03. ENAMELED POTS AND PANS / PG 25



ALL PRODUCTS ARE MADE OF EN GJL 200 CAST IRON
IN ACCORDANCE WITH EN1561.

KITCHEN COUNTERTOPS

DETAIL



STANDARD PRODUCTION



ART.: FV TOP RING 318

Dimensions (in): Ø12,51 x 0,07H

lb: 16,88



ART.: FV TOP RING 276

Dimensions (in): Ø10,86 x 0,07H

lb: 12,50



ART.: FV TOP RING 234

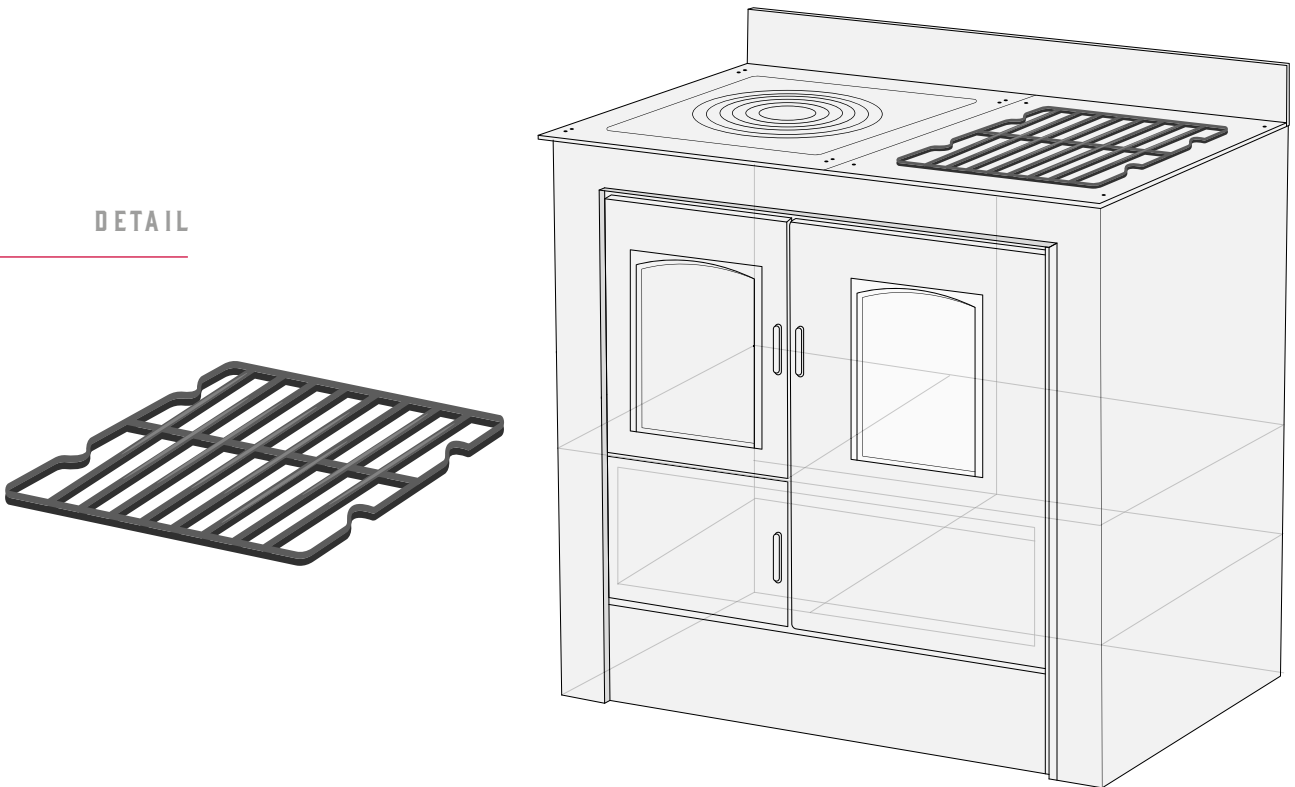
Dimensions (in): Ø9,21 x 0,07H

lb: 8,75

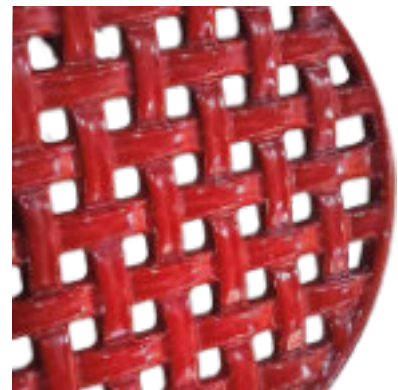


ENAMELED GRATES

DETAIL

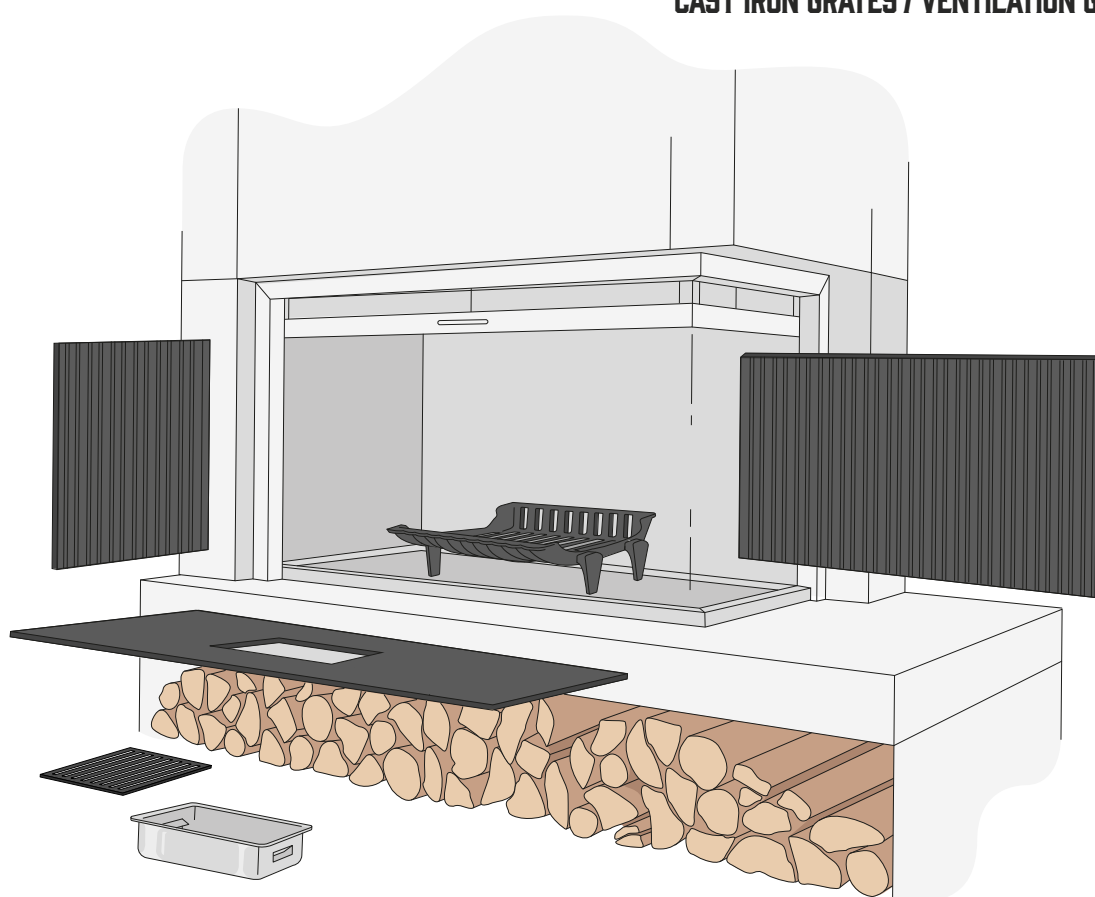


ENAMEL POTS AND PANS



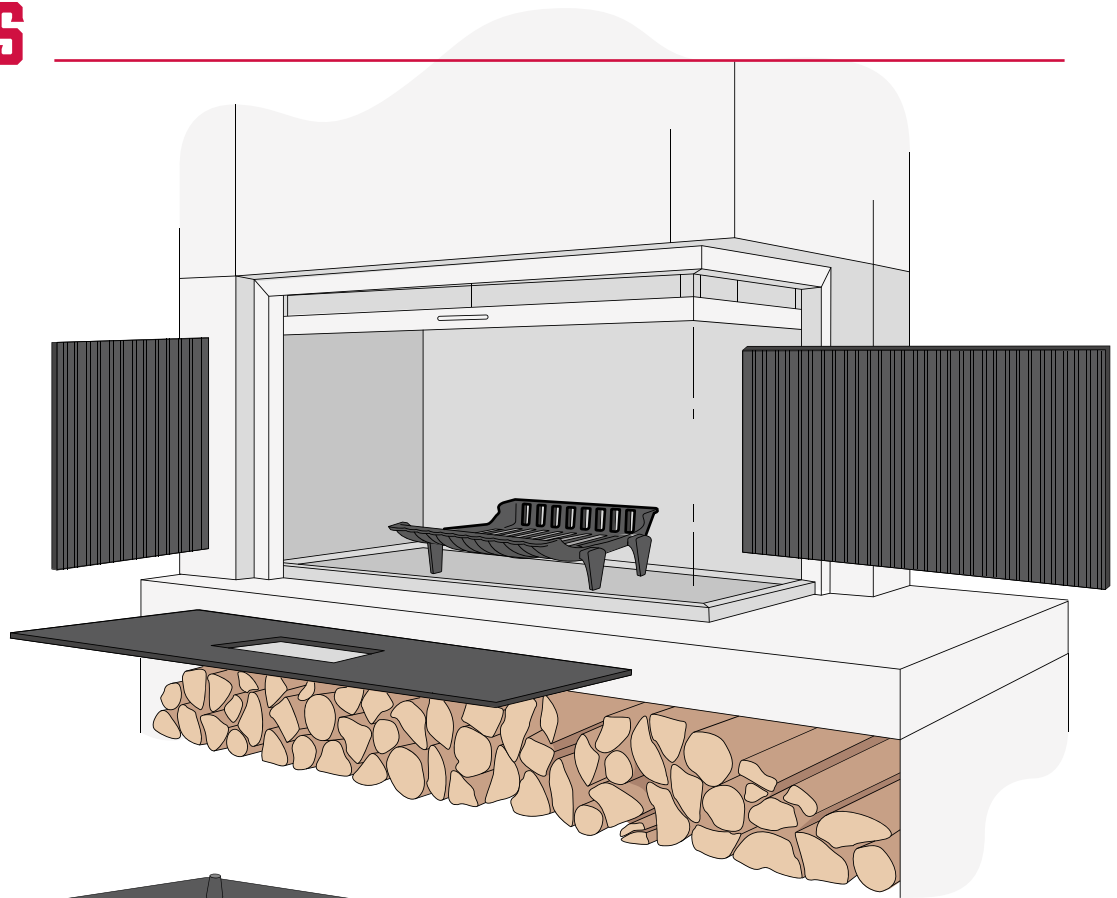
COMPONENTS FOR FIREPLACES AND THERMO-FIREPLACES

- 01. **SHEETS**
SMOOTH / GROOVED / EDGE / PG 27
- 02. **GRATES**
CAST IRON GRATES / VENTILATION GRATES / PG 30

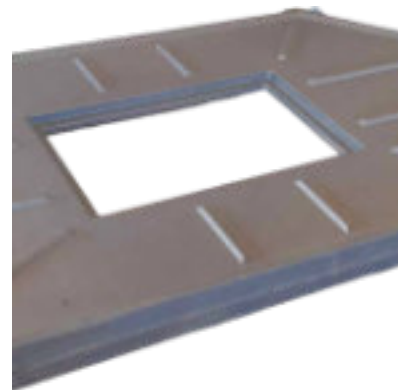
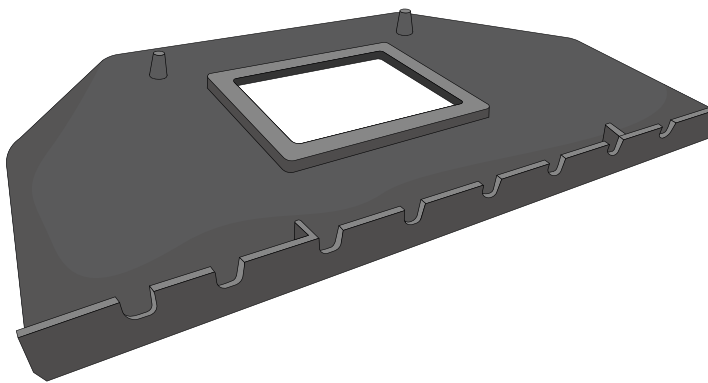


ALL PRODUCTS ARE MADE OF EN GJL 200 CAST IRON
IN ACCORDANCE WITH EN1561.

SHEETS



DETAIL



STANDARD PRODUCTION

SMOOTH SHEETS

THICKNESS - 0,31 IN

ART.	DIMENSIONS [IN]	LB
LL 4040 0,8	15,75 x 15,75 x 0,31	18,74
LL 4050 0,8	15,75 x 19,69 x 0,31	25,79
LL 4060 0,8	15,75 x 23,62 x 0,31	29,10
LL 5050 0,8	19,69 x 19,69 x 0,31	30,86
LL 5060 0,8	19,69 x 23,62 x 0,31	39,68
LL 5070 0,8	19,69 x 27,56 x 0,31	40,12
LL 6060 0,8	23,62 x 23,62 x 0,31	40,79



THICKNESS - 0,39 IN

ART.	DIMENSIONS [IN]	LB
LL 4050 1	15,75 x 19,69 x 0,39	28,66
LL 4060 1	15,75 x 23,62 x 0,39	37,48
LL 7040 1	27,56 x 15,75 x 0,39	44,75
LL 5050 1	19,69 x 19,69 x 0,39	39,68
LL 5060 1	19,69 x 23,62 x 0,39	47,40
LL 5070 1	19,69 x 27,56 x 0,39	54,45
LL 5075 1	19,69 x 29,53 x 0,39	56,88
LL 5080 1	19,69 x 31,50 x 0,39	61,73
LL 6060 1	23,62 x 23,62 x 0,39	56,22
LL 6070 1	23,62 x 27,56 x 0,39	62,83
LL 6080 1	23,62 x 31,50 x 0,39	70,55
LL 6090 1	23,62 x 35,43 x 0,39	80,47
LL 60100 1	23,62 x 39,37 x 0,39	90,39
LL 7070 1	27,56 x 27,56 x 0,39	67,24
LL 7090 1	27,56 x 35,43 x 0,39	94,80
LL 8080 1	31,50 x 31,50 x 0,39	97,00
LL 8090 1	31,50 x 35,43 x 0,39	115,08

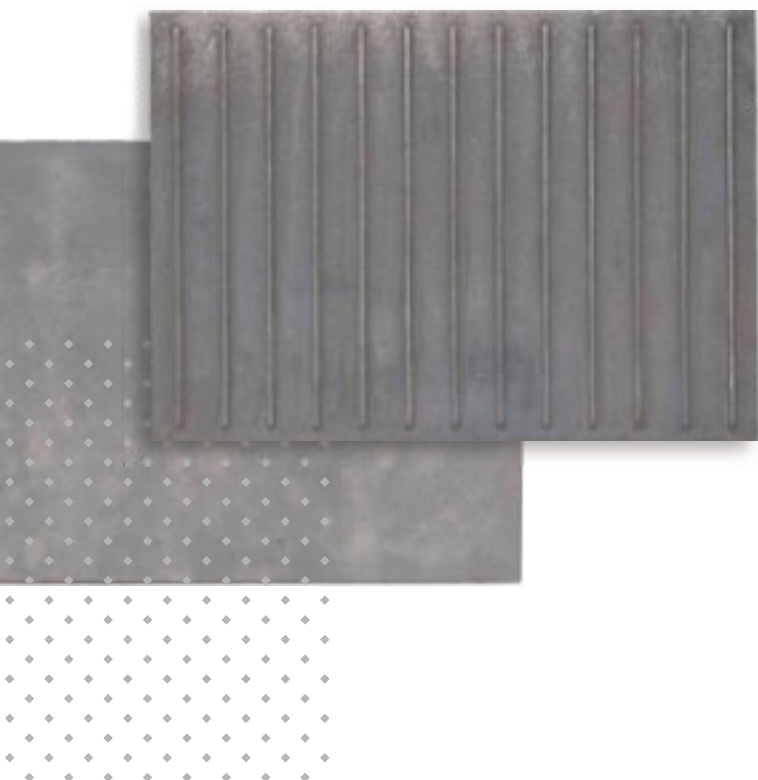
THICKNESS - 0,47 \ 0,55 IN

ART.	DIMENSIONS [IN]	LB
LL 60120 1,2	23,62 x 47,24 x 0,47	133,38
LL 80100 1,2	31,50 x 39,37 x 0,47	145,50
LL 80110 1,2	31,50 x 43,31 x 0,47	169,76
LL 80130 1,2	31,50 x 51,18 x 0,47	190,70
LL 90100 1,2	35,43 x 39,37 x 0,47	170,86
LL 100100 1,2	39,37 x 39,37 x 0,47	189,60
LL 100130 1,2	39,37 x 51,18 x 0,47	231,49
LL 120140 1,4	47,24 x 55,12 x 0,55	388,01

THICKNESS - 0,23 IN

ART.	DIMENSIONS [IN]	LB
LL 5050 0,6	19,69 x 19,69 x 0,24	22,27
LL 5060 0,6	19,69 x 23,62 x 0,24	26,68
LL 6060 0,6	23,62 x 23,62 x 0,24	33,07
LL 5070 0,6	19,69 x 27,56 x 0,24	34,17

GROOVED SHEETS



THICKNESS - 0,31 IN

ART.	DIMENSIONS [IN]	LB
LS 4950 0,8	19,29 x 19,69 x 0,31	34,83
LS 5750 0,8	22,44 x 19,69 x 0,31	40,12
LS 6050 0,8	23,62 x 19,69 x 0,31	37,48
LS 7050 0,8	27,56 x 19,69 x 0,31	48,50

THICKNESS - 0,39 IN

ART.	DIMENSIONS [IN]	LB
LS 4950 1	19,29 x 19,69 x 0,39	39,68
LS 6050 1	23,62 x 19,69 x 0,39	51,37
LS 7050 1	27,56 x 19,69 x 0,39	61,07
LS 6060 1	23,62 x 23,62 x 0,39	62,39
LS 7060 1	27,56 x 23,62 x 0,39	70,55
LS 8060 1	31,50 x 23,62 x 0,39	85,98

EDGE SHEETS

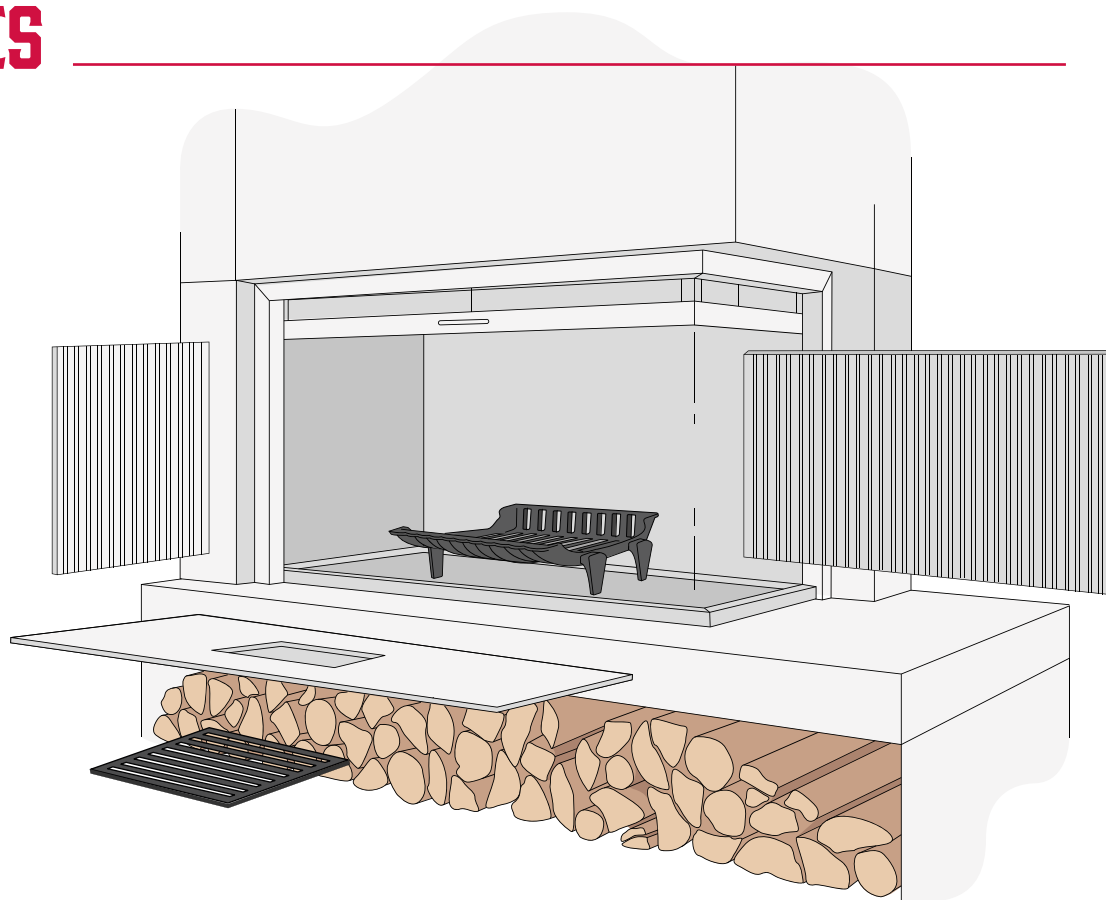


THICKNESS - 0,39 IN

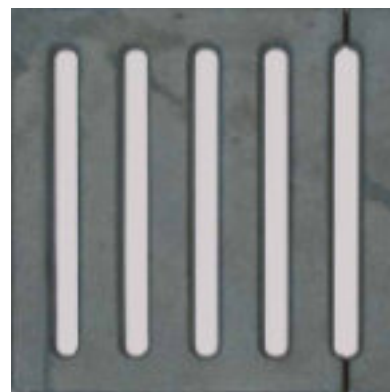
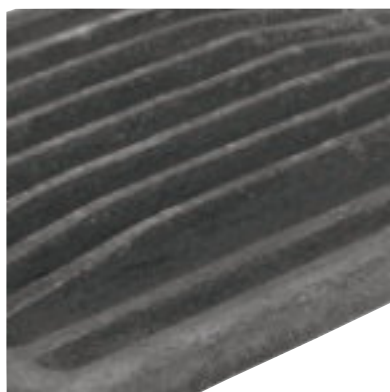
ART.	DIMENSIONS [IN]	LB
LE 5050 1	19,69 x 19,69 x 0,39	27,56
LE 6050 1	23,62 x 19,69 x 0,39	34,17
LE 7050 1	27,56 x 19,69 x 0,39	39,68
LE 6060 1	23,62 x 23,62 x 0,39	41,89
LE 7060 1	27,56 x 23,62 x 0,39	46,30
LE 8060 1	31,50 x 23,62 x 0,39	49,60



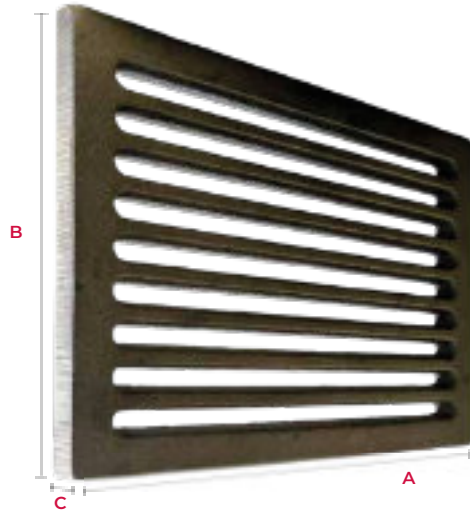
GRATES



DETAIL



STANDARD PRODUCTION

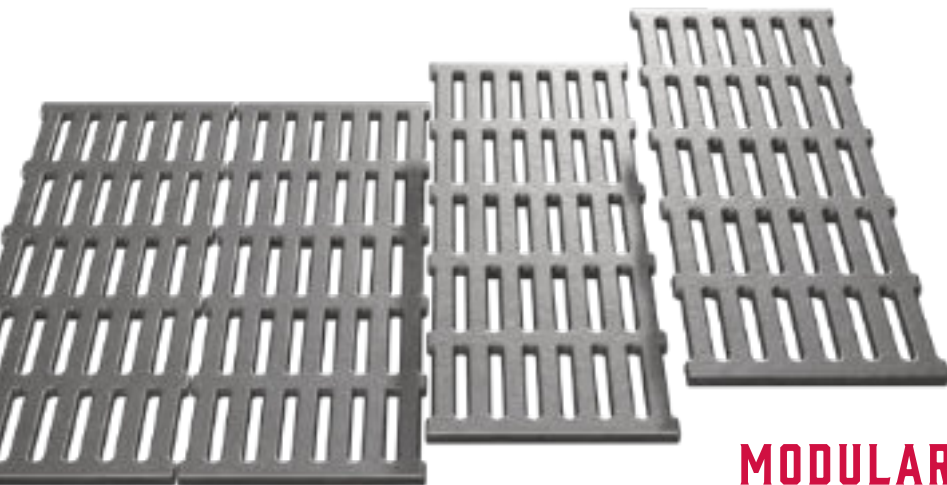


ART.	BASE A (IN)	HEIGHT B (IN)	THICKNESS C (IN)	LB
GA160160	6,3	6,3	0,39	2,7
GA180180	7,09	7,09	0,39	3,4
GA195234	7,68	9,21	0,47	6,2
GA200140	7,87	5,51	0,39	2,9
GA200150	7,87	5,91	0,39	3,2
GA200160	7,87	6,3	0,39	3,3
GA200170	7,87	6,69	0,39	3,6
GA200200	7,87	7,87	0,39	3,7
GA205235	8.07	9,25	0,39	4,4
GA207191	8,15	7,52	0,39	4,2
GA220140	8,66	5,51	0,39	3,2
GA220160	8,66	6,3	0,39	3,6
GA220170	8,66	6,69	0,39	3,9
GA220180	8,66	7,09	0,39	4,0
GA235235	9,25	9,25	0,39	6,0
GA238188	9,37	7,4	0,39	4,6
GA240140	9,45	5,51	0,39	3,4
GA240150	9,45	5,91	0,39	3,8
GA240160	9,45	6,3	0,39 (0,78in reinforcement)	4,8
GA240180	9,45	7,09	0.39	4,3
GA250250	9,84	9,84	0,39	6,0
GA255225	10,04	8,86	0,47	6,6

CONTINUED TO THE NEXT PAGE

CAST IRON GRILLS

ART.	BASE A [IN]	HEIGHT B [IN]	THICKNESS C [IN]	LB
GA260160	10,24	6.3	0,39	4,2
GA260180	10,24	7.9	0,39	4,7
GA280160	11,02	6.3	0,39	4,5
GA280180	11,02	7.09	0,39	5,0
GA290182	11,42	7.17	0,39	4,8
GA293215	11,54	9,46	0,39	7,1
GA300150	11,81	5,91	0,39	4,5
GA300180	11,81	7,09	0,39	5,3
GA300206	11,81	8,11	0,39	5,5
GA300220	11,81	8,66	0,39	6,4
GA320180	12,06	7,09	0,39	5,6
GA313195	12,32	6,8	0,39 (central vein)	6,8
GA362100	14,25	3,94	0,39 (central vein)	3,7



MODULAR GRATE

ART.	DIMENSIONS	LB
GA 400150	15,75 x 5,91 x 0,39 H in	7,0
GA 40043	15,75 x 1,69 x 0,39 H in	1,9

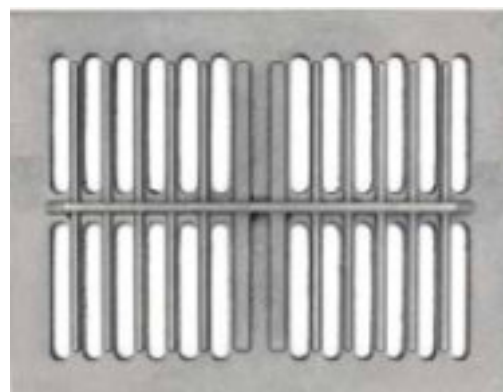


STANDARD PRODUCTION

CAST IRON GRATE

ART.	DIMENSIONS	LB
GA 304209_R	11,97 x 8,23 in	8,2
GA 318248_R	12,52 x 9,76 in	8,6
GA 340248_R	13,39 x 9,76 in	10,6

Thickness 0,40 in, central thickness 0,70 in

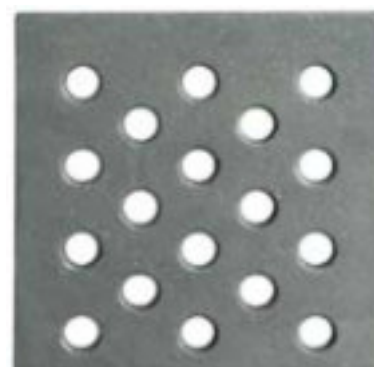


ART.	DIMENSIONS	LB
GA135	ø 5,31 x 0,39 in	1,9
GA180	ø 7,09 x 0,39 in	2,6
GA190	ø 7,48 x 0,39 in	2,7
GA200	ø 7,87 x 0,39 in	3,2
GA210	ø 8,27 x 0,39 in	3,4
GA215	ø 8,46 x 0,39 in	4,3
GA235	ø 9,25 x 0,39 in	4,4



ART.	DIMENSIONS	LB
GA 160160 CL	6,3 x 6,3 in	3,1

Thickness 0,23 in on 3 sides, central thickness 0,40 in



DISPOSAL OF CAST IRON

All products in the catalog are made of cast iron, a sustainable metal because it can be recycled an unlimited number of times, with significant savings in raw materials and energy. The foundry, in fact, allows metal products to be reused at the end of their life cycle, returning them to their original state. A perfect example of the circular economy.



RIGHTS OF CAST SRL

CAST SRL reserves the right to make changes to the construction, measurements, and weight of the items in its catalogs and price lists without prior notice.

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