

wood-burning
FIREPLACES



BRUNNER[®]

made in germany.



Hubertus Brunner & Ulrich Brunner

made in germany.

Tiled stoves built by a skilled craftsman are no consumer goods and incomparable to cheap wood stoves. Keeping this in mind, BRUNNER develops and manufactures wood combustion devices which comply to the requirements of longevity and high durability. These robust iron castings fulfil the highest demands in terms of efficiency and emissions. A group of specialists in Eggenfelden, Lower Bavaria, has been working on this with great success for the last 30 years, and keeps on working to provide for a perfect experience with tiled stoves and wood-based heating.



We are BRUNNER.

Hubertus Brunner

CONTENTS

Fireplaces	4
The perfect fire	7
Listen & understand	8
Technical highlights	12
Corner fireplaces	14
Panorama fireplaces	22
Flat glass formats	28
Combustion chamber linings	30
Fireplace systems – The effect of heat	34
Tunnel fireplaces	36
The Sissi flap	38
The fireplace grill	40
Variants	42

FIREplace

Today wood burns in enclosed fireplace inserts – not like before in a classic, open fireplace.

It is because of the significantly higher efficiency and the requirement of reduced emissions. Without the invention of ceramic glass it would not be possible at all. It enabled the transition from open fireplaces to enclosed fireboxes with controllable combustion air supply.

These basic technical improvements are implemented by different European manufacturers in many different ways. At first, they all look the same with the similar firebox dimensions and glass sizes. But when you take a good look, or at least after some time in operation, you will notice that there are products which are price-optimized, and other products which are developed with their function in mind.

BRUNNER PRODUCTS ARE OPTIMIZED FOR FUNCTION AND QUALITY – WITHOUT COMPROMISE IN EACH AND EVERY DETAIL.



BRUNNER fireplace inserts made of steel are available in many different glass formats, with side-opening or lifting doors, and with various reheating systems – for the perfect fire experience with heating effect on demand.



Fireplaces are a good choice, when there is nothing more important than atmosphere. Their design, load of wood and the related heating power are adapted to this basic criterion.



THE *perfect* FIRE

DOES IT EXIST?

The knowledge and experience in terms of specific wood combustion requirements and high temperature resistance of all components can be found in all BRUNNER fireplace inserts.

All the other things are in the hands of the user and depend on the quality of firewood.

LISTEN & UNDERSTAND

LADIES, WE UNDERSTAND YOUR NEEDS.

- The fireplace door must be easy to open.
- The glass must remain clean for a long time.
- The glass must be simple and easy to clean.

GENTLEMEN, WE UNDERSTAND YOUR WISHES.

- The mechanics must be state-of-the-art.
- All parts must be accessible and easy to replace, if necessary.
- Efficiency and emissions must be more than satisfying.

DEAR DESIGNERS, WE UNDERSTAND YOUR EXPECTATIONS.

- No frame around the glass, simple finish welcome.
- No unnecessary controls or annoying handles.
- Seamless transitions with plaster or natural stone.

DEAR PENNY PINCHERS, WE UNDERSTAND YOU, TOO.

- You are not asking for bargains, you just want to make a good deal.
- You do not make savings on quality.
- What is worth a lot of money, must be better too.



The "klick-klack" cleaning lock for lifting doors allows for glass cleaning at the push of a button.



With the "easy-lift" mechanics invented by BRUNNER, the lifting doors are absolutely easy to open.



NOTE ON “OPEN-DOOR USE”

Fireplaces with open doors are causing higher emissions and have reduced efficiency.

This mode of operation is available only for just a few flat glass models in combination with a suitable chimney. It cannot be used frequently and a fireplace with opened lifting door cannot be left unattended. Depending on weather conditions and streams of air inside the building, the hot combustion gases can be released into the indoor living spaces. In such conditions, the lifting door must be closed.

We recommend that the fireplace door is opened only for the moment when fire is lit and wood is added after combustion ends.



Panorama 51/88/50/88
Design: feuer & design

The DESIGN

Cast iron bonnet for hot air convection with chimney connection at 0-180°, or alternatively: top-mount or adjacent storage mass for accumulation fireplaces as well as top-mount boiler for water-bearing fireplaces (see page 37)

Smoke outlet with various mounting positions for variable chimney connection with Ø 180 mm / Ø 200 mm / Ø 250 mm

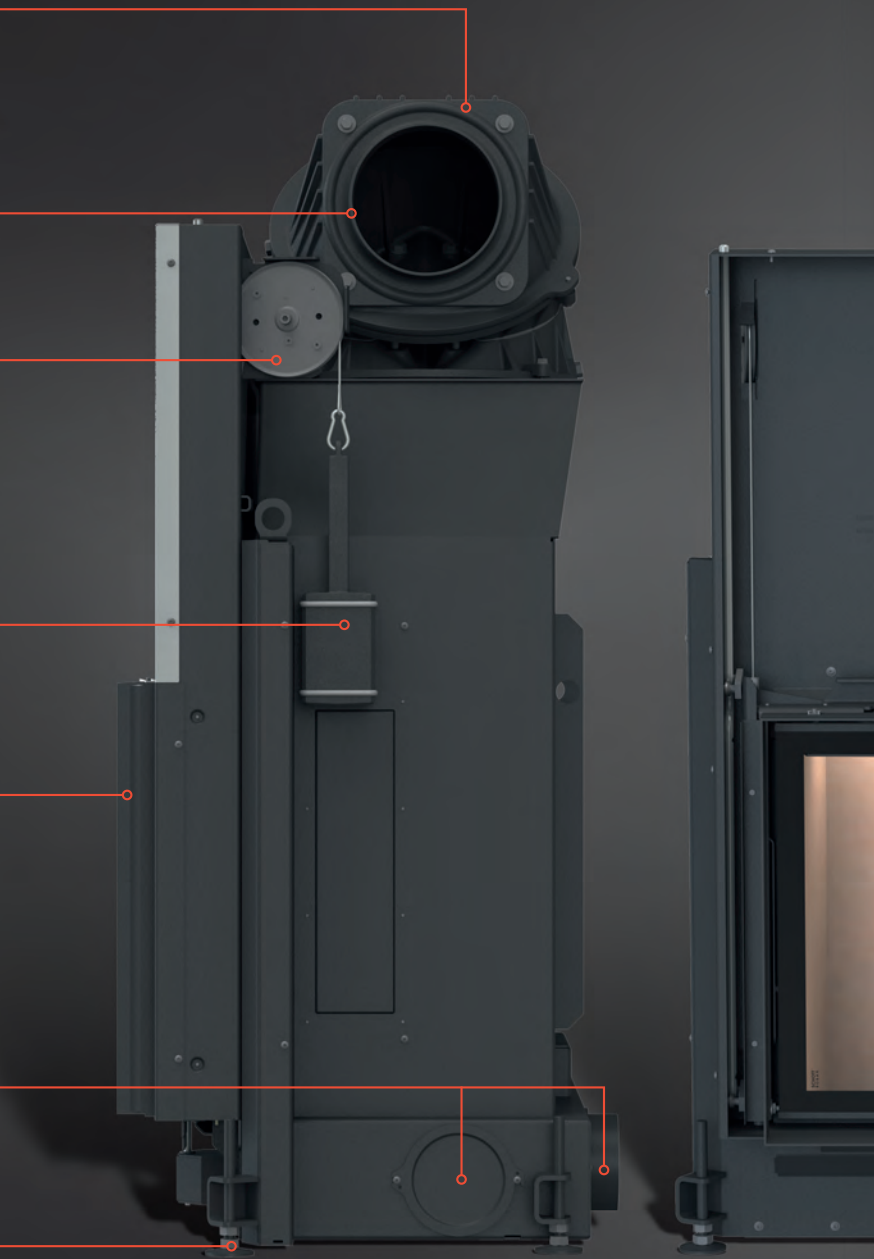
Lifting door with pulleys
Big pulleys with ball bearings on both sides for smoothly running doors

Counterweights for lifting doors
Adjustable for open door use or self-closing function

Mounting frame
Different frame variants for optical and technical transition between the fireplace door and external cladding materials

Combustion air connection
Nozzles for combustion air connection on side walls and at the bottom of fireplace

Adjustable feet
For height adjustment



Stil 53/88
(Front cover of glass case removed)

A LOT OF THINGS COULD BE DONE CHEAPER OR MORE AFFORDABLE.
BUT THERE ARE NO OTHER FIREPLACE INSERTS MADE WITH SUCH
ATTENTION TO DETAIL LIKE THIS ONE.



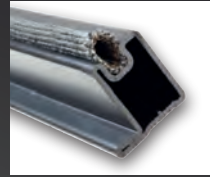
“klick-klack”

Easy opening and closing of lifting doors for cleaning at the push of a button (see page 18). Additional safety lock for lifting doors.

Glass pane
Made of fire resistant ceramic glass (Robax®). Double glass option with 30-50 % lower surface temperature.



“puzzle-profile”
Torsion-resistant, stable door frame profile for single or double glass.



Door sealing ropes from refined E-glass fibres
Flexible, graphite-soaked sealing rope/sleeve for temperatures up to 750° C. Stainless steel strap for protection against mechanical damage



“easy-lift”

Lifting mechanics invented by BRUNNER, for smooth running and long service of lifting doors (see page 16)

Combustion air nozzle
From cast iron, for lowest emissions

Combustion chamber lining
Moulded and pressed fireclay plates for highest thermal and mechanical endurance. Variants include plain, grooved and brick surface, also stained in black

Door handle (lifting doors)
Detachable, air-cooled spiral handle made of stainless steel (see page 17)

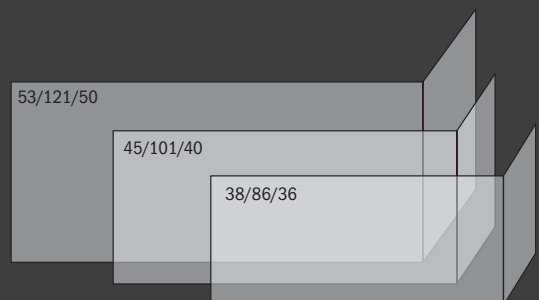
Combustion chamber without a grate
Designed for wood combustion

Control lever
For combustion air supply

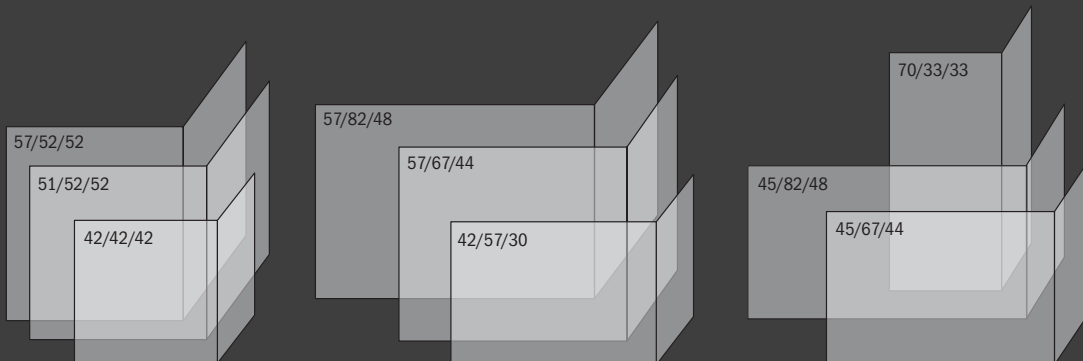


Corner fireplace 42/57/30 r
Design: Henrichs Ofenbau

Corner fireplaces – Available formats



Door dimensions: height/width/side length in cm. Left/right corner variants available

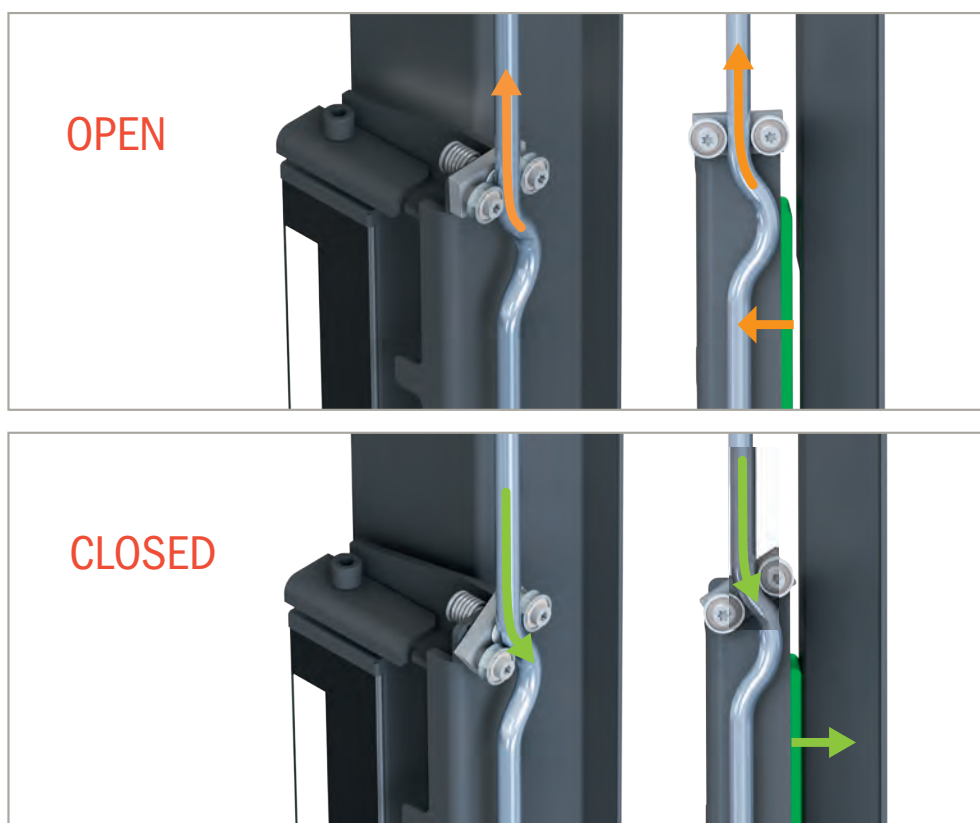


The DESIGN

“EASY-LIFT” – A BRUNNER INVENTION.

Opening a lifting door cannot be easier!

Inside: our solution for smooth-running and durable lifting door mechanics. When the door is opened, it lifts off and moves away from the fireplace body, and then glides up. When the door is closed, it touches down and seals off just before the lock engages.



This unique door lifting system is easy to use and ensures a long-lasting and permanently tight door closure.

You will not find any other lifting door which is running more smoothly or easier to open!

THE ORIGINAL “EASY-LIFT” IS AVAILABLE ONLY FROM BRUNNER.



Door handle. Stable and timeless, with slim stainless steel spiral. Fixed or detachable, the spiral handle does not get very hot in everyday use (40 - 80 deg. Celsius).

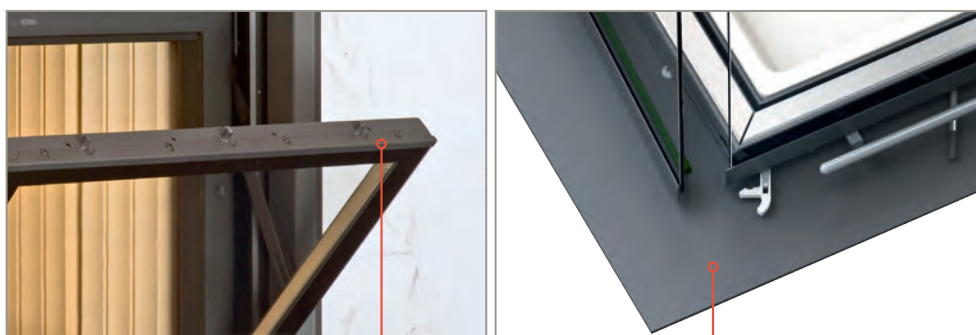
Kompakt 51/67 - Tiles: Spirit of Fire
(Stainless steel frames available on request.)

The DESIGN

“**KLICK-KLACK**” – THE SPECIAL CLEANING LOCK MECHANISM FOR LIFTING DOORS.



The glass opens at the push of a button. Preparation of lifting doors for glass cleaning could not be more practical! Always a clean glass: easy to clean, no special skills required.



Flat glass formats: “klick-klack” is combined with tilting door.

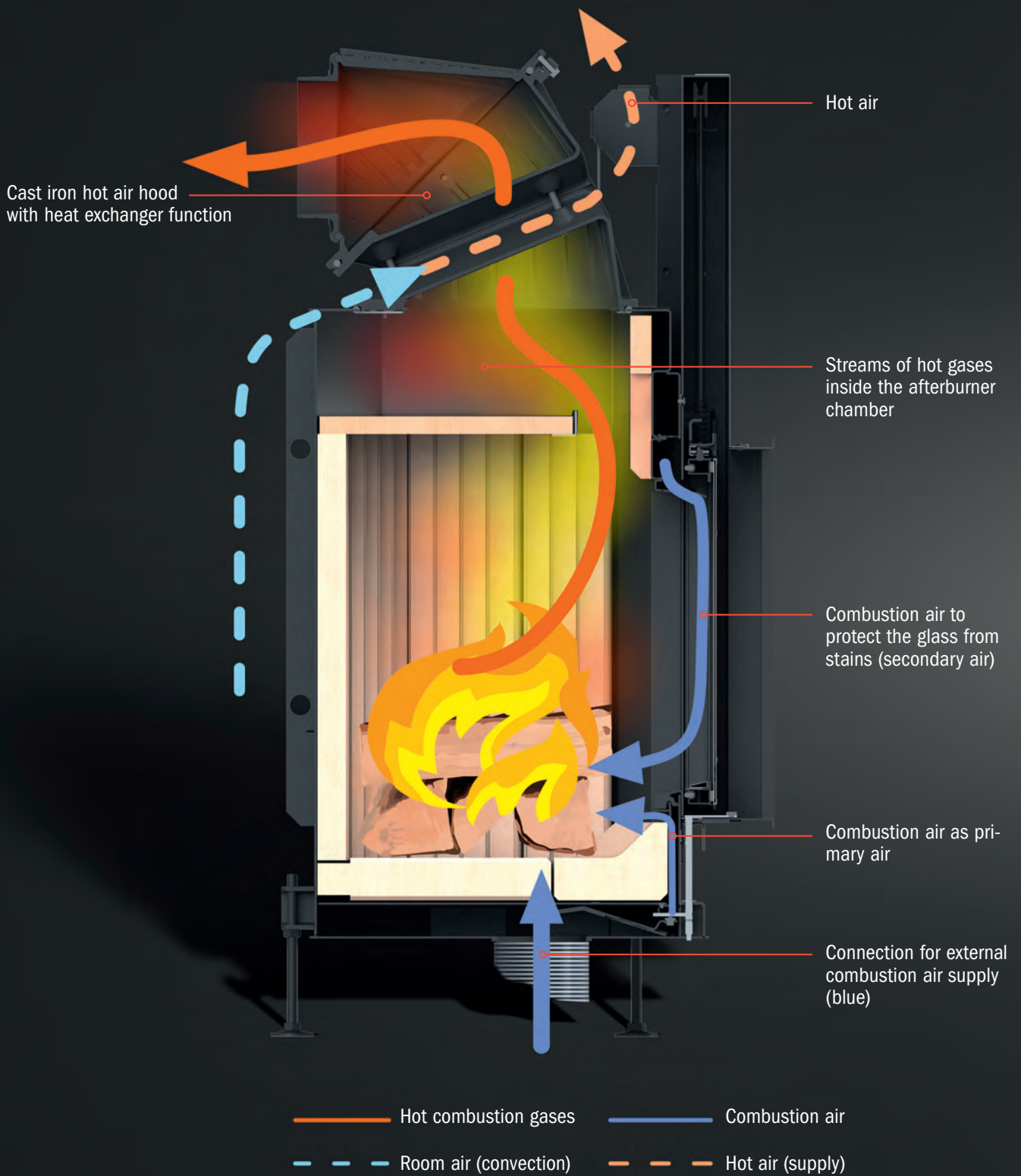
Panorama fireplaces: The glass panes on both sides can be flipped aside (clamp fasteners).

THE INNER GLASS SURFACE IS EASY TO CLEAN.



Corner fireplaces: The lifting door swings open for cleaning, like a side-opening door.

Corner fireplace 57/82/48 r



FIREPLACE HEATING PRINCIPLE
A LOOK INSIDE THE 53/121/50 CORNER FIREPLACE

The DESIGN

THE SECRET OF CLEAN GLASS.

Fireplace design, chimney negative pressure, humidity of wood, load of wood and means of operation are the significant factors for a clean glass surface^{*)}.

FIREPLACE DESIGN:

At BRUNNER, the combustion air supply system is designed to minimize deposits of soot and dust particles by creating a protective air screen in front of the glass. Door profiles and a door sealing system ensure that this protective screen does not get disrupted by eventual leaks. The glass remains free of any soot deposits.

Due to their geometric properties, smaller flat glass formats remain clean for longer. Two- or three-fold glass formats (corner & Panorama fireplaces), with more turbulent air flow within the corner areas, must be cleaned more often.

CHIMNEY NEGATIVE PRESSURE:

The adjustable combustion air openings cannot be used to compensate too high or too low negative pressure inside the chimney. Under such conditions, the actual streaming characteristic will lead to more intense soot build-up.

BRUNNER provides technical means to avoid this issue – for example, by using the Sissi flap (page 38). Adverse weather conditions cannot be excluded and must be accepted as they are.

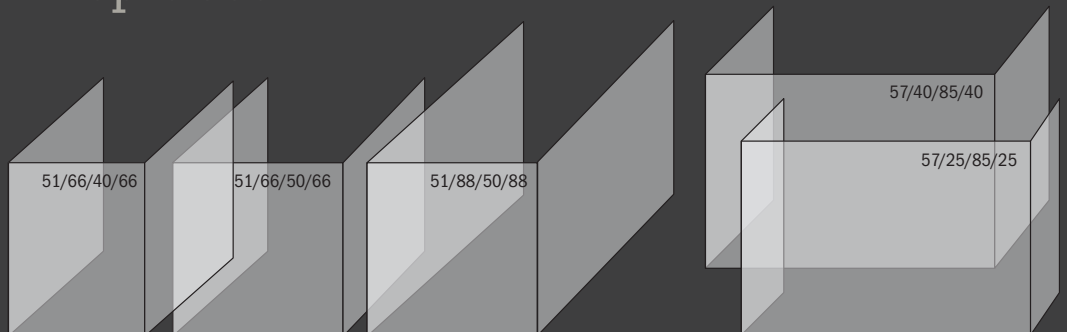
HUMIDITY & LOAD OF WOOD, MEANS OF OPERATION

Both quality and quantity of firewood have a great impact on the cleanliness of glass in a fireplace. Provided that the fireplace is used as intended, i.e. only with dry firewood (residual humidity < 20%) in quantities suitable for the particular combustion chamber size, the required temperatures and appropriate streaming conditions for sufficient protection against soot deposits will be ensured. When combustion temperatures are too low, the hot combustion gases will condensate on the cold glass surface despite the protective air curtain. The glass fogs up and soot deposits will emerge.

*) depending on the intensity of use and the individual conditions during a combustion process, the glass must be cleaned after 2-10 combustions. Glass cleaning on a regular basis is inevitable.



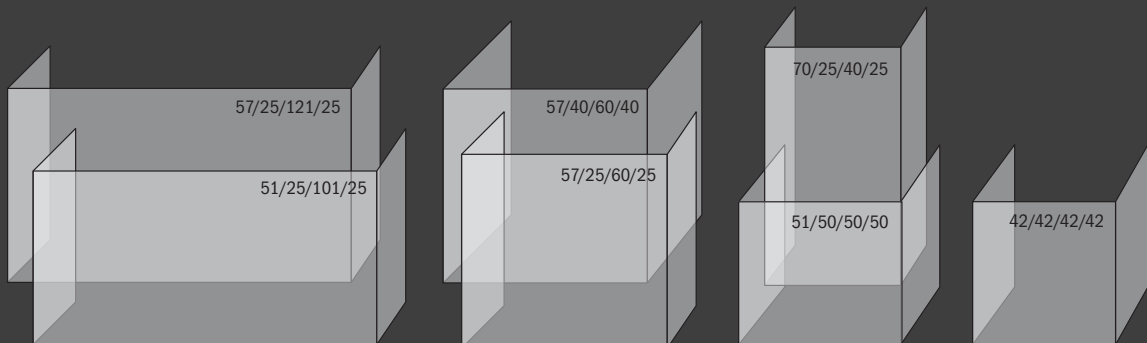
Panorama fireplaces



Door dimensions: height/ side width/ front width/ side width in cm



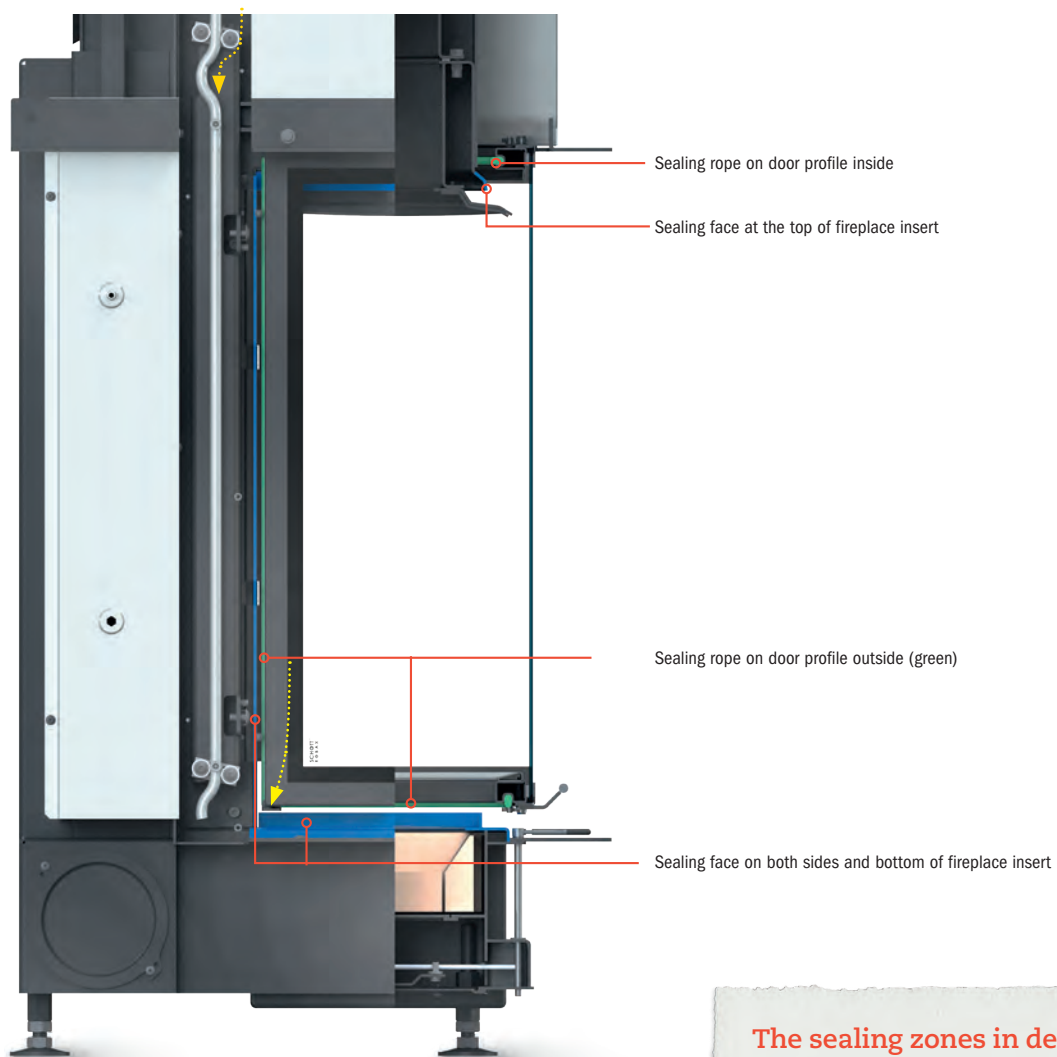
Panorama 51/88/50/88
Design: Raumfabrik



A *Master*PIECE

A LIFTING DOOR WITH THREE-FOLD GLASS AND PERFECT TIGHTNESS.

The lifting door mechanism incorporates the “easy-lift” movement (yellow), causing the door sealing faces (green) to be pressed against the sealing edges of the fireplace body (blue) just before the door is locked.



The sealing zones in detail

green: flexible sealing rope in door profile
blue: sealing faces on fireplace body
yellow: the “easy-lift” closing mechanism (see page 16) presses the door against the blue sealing faces

The contact pressure ensures that the sealing ropes are completely tight, even if they are slightly compressed or worn.

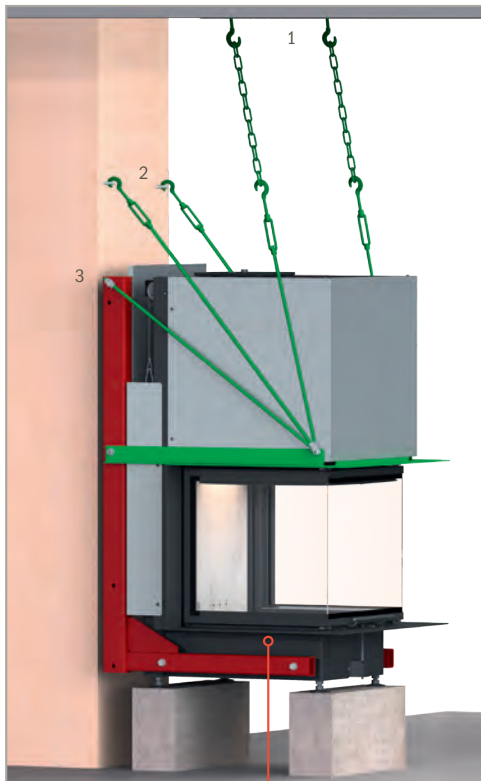
The continuous sealing face all around results from the special arrangement of sealing ropes within the door profiles. At the top, the sealing engages from inside. At the bottom and on both sides, the sealing rope is pressed against the body of fireplace insert from outside. With this solution, the contact pressure of the “easy-lift” door can be effective in all directions.



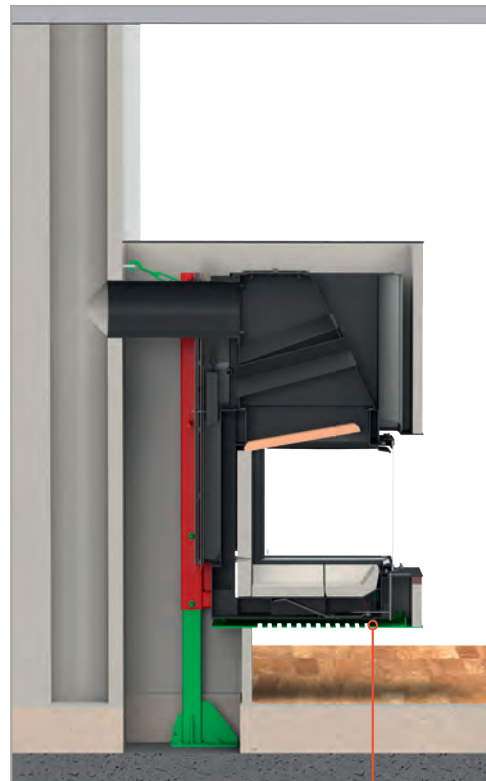
Safe STAND

STABLE SUPPORT AND MOUNTING FRAME FOR NEW FORMS OF FIREPLACE DESIGN.

Panorama fireplaces have a surrounding adjustable mounting frame as support for the fireplace cladding materials. This allows for safe mounting of fireplace construction plates, for example.



- (1) Mounting frame (green) with ceiling anchors for room-high fireplace casings
- (2) Back wall mounting for medium-high room dividers.
- (3) Mounting on support bracket (red) for lowest room dividers (lightweight cladding)



For "hanging" structures, the support bracket (red) is completed by a bearing unit (green), consisting of bottom mounting plate and the standing feet for the support bracket. The static load rests on the standing feet, which are affixed to the unfinished floor. The support bracket is mounted additionally at the back wall. The fireplace bench is flush with the bottom mounting plate or has an overhang of less than 5 cm.

For structures with static loads, the mounting frame is attached with anchors to the ceiling or to the back wall (1 + 2). In some cases with loads up to 235 kg, the mounting frame can be attached to the integrated support bracket (3).

For "hanging" structures, the support bracket is completed by a bearing unit and attached to the unfinished floor and the back wall.

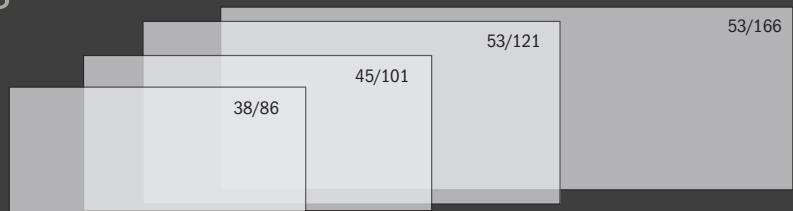


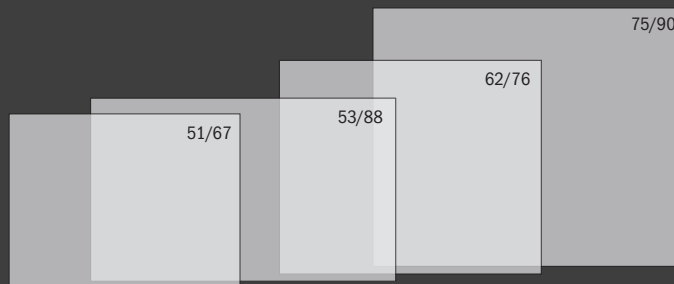
Panorama 51/88/50/88
With support bracket for "hanging" structures.
Design: Hofer Kachelofenbau



Stil 53/88

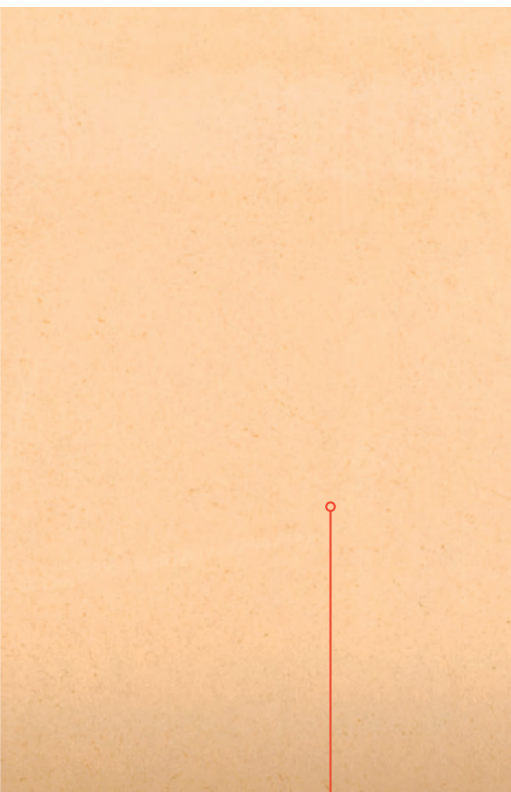
Flat glass formats





Firebox LININGS

COMBUSTION CHAMBERS IN DIFFERENT OPTICAL VARIANTS.



Fireclay "plain"
(e.g. Architektur,
Panorama and Stil
fireplaces)



Fireclay "grooves"
(e.g. Kompakt, Corner and
Panorama fireplaces as
well as Architektur corner
45/...)

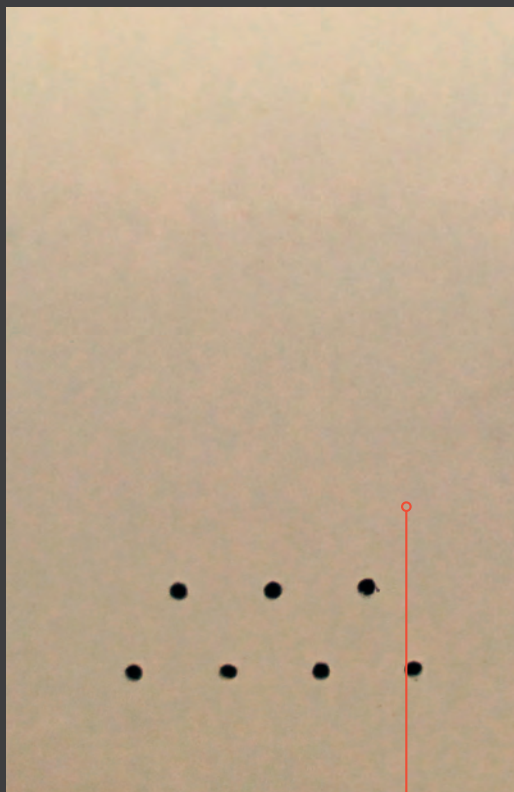


Fireclay "bricks"
(e.g. Stil fireplaces)

The available variants are offered for selected fireplace inserts.



Anthracite fireclay "plain"
(available only at
Corner fireplaces)



Moulded stone, bright
(e.g. Panorama fireplaces,
here: Rear wall plate with
primary air inlets)



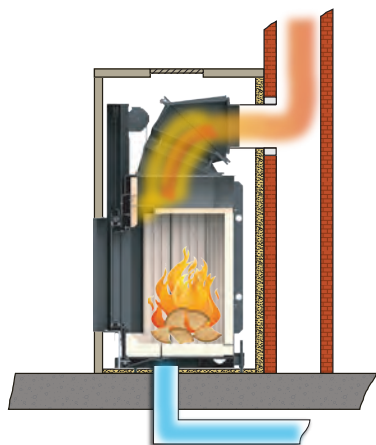




Architektur corner fireplace 53/121/50, left
Design: Hartmann-Ofendesign

Fireplace systems BY BRUNNER

FIREPLACES AS RADIATING BODIES, WITH THERMAL INSULATION OF MOUNTING WALL HEATING EFFECT COMPARABLE TO A TILED STOVE.



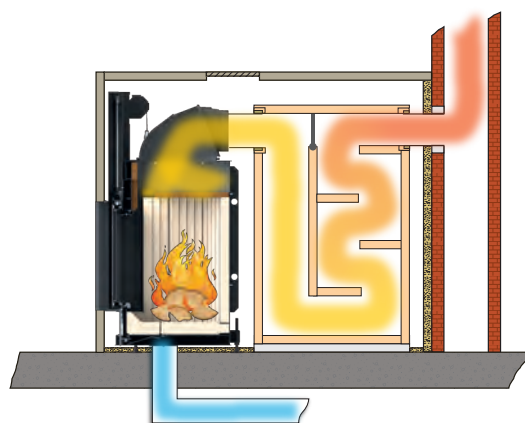
HOT AIR CONVECTION FIREPLACE

With attached cast iron hot air hood

The hot combustion gases from the firebox are cooling down on the extended surface of the cast iron bonnet and dispensed in form of hot air.

This is a perfect solution, when high convection power is desired despite the small available space.

- Cast iron hot air hood with ribs and heat exchanger tube
- variable chimney connection at 0-90°



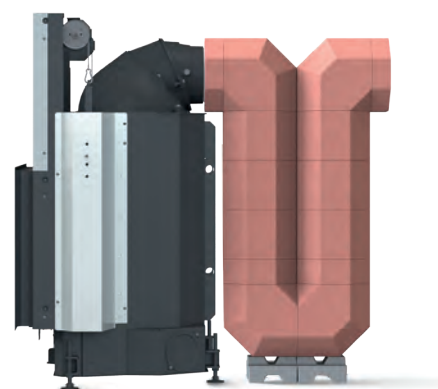
ACCUMULATION FIREPLACE

with attached ceramic storage mass

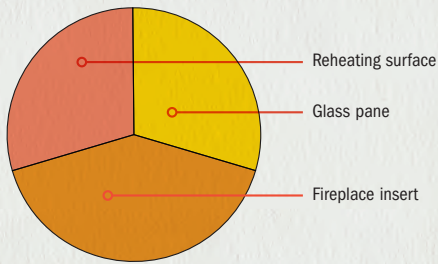
The hot combustion gases from the firebox are gathered into a condensed stream by the compact cast iron bonnet. These are the perfect conditions for heating up a ceramic storage mass, just like in a tiled stove.

This is the best solution, when a bigger fireplace shall act as a radiant heater.

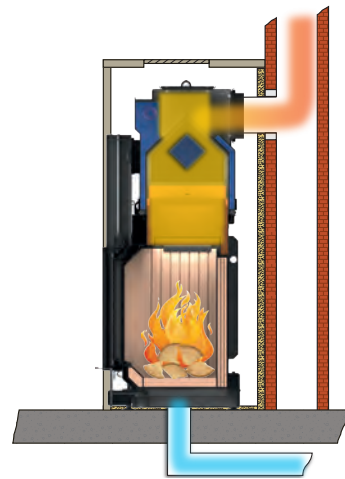
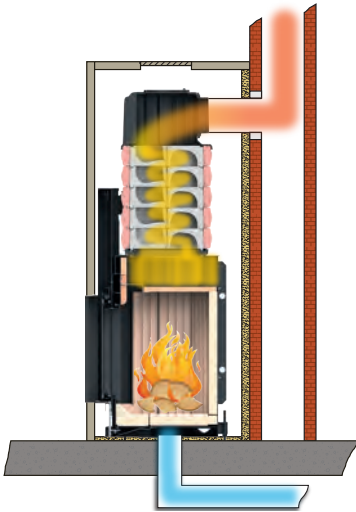
- Cast iron dome with adjustable nozzle
- Cast iron dome with double outlet for two different ways of hot gases



Distribution of available heat



More information can be found in our thematic folder about water-bearing fireplaces and stoves



ACCUMULATION FIREPLACE

with top-mount ceramic storage mass

The hot combustion gases from the firebox are flowing through a ceramic mass, which is mounted directly above the firebox.

This is a great option, when high efficiency and a radiant heater solution are desired on the smallest space.

→ With mounting ring for the ceramic modular storage



WATER-BEARING FIREPLACE

with top-mount boiler

The hot combustion gases from the firebox are flowing through a boiler, which is mounted directly above the firebox.

This solution is recommended, when apart from the fireplace heating effect, the system shall support the central heating.

→ Top-mount boiler for Stil 51/67 and for the Architektur fireplace models 38/86 and 45/101





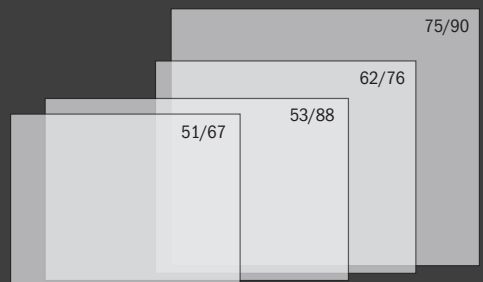
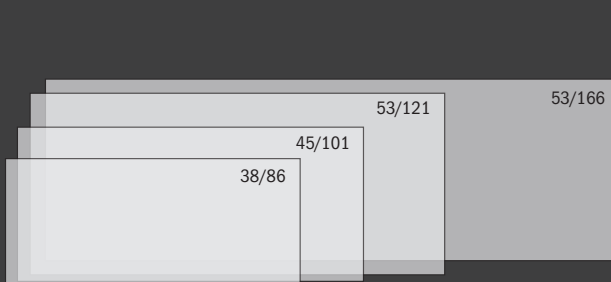
Tunnel fireplaces

Clear view with two doors on opposite sides.

Variants with lifting & tilting doors or lifting & side-opening doors.



Architektur 45/101 Tunnel
Tiles: Sommerhuber

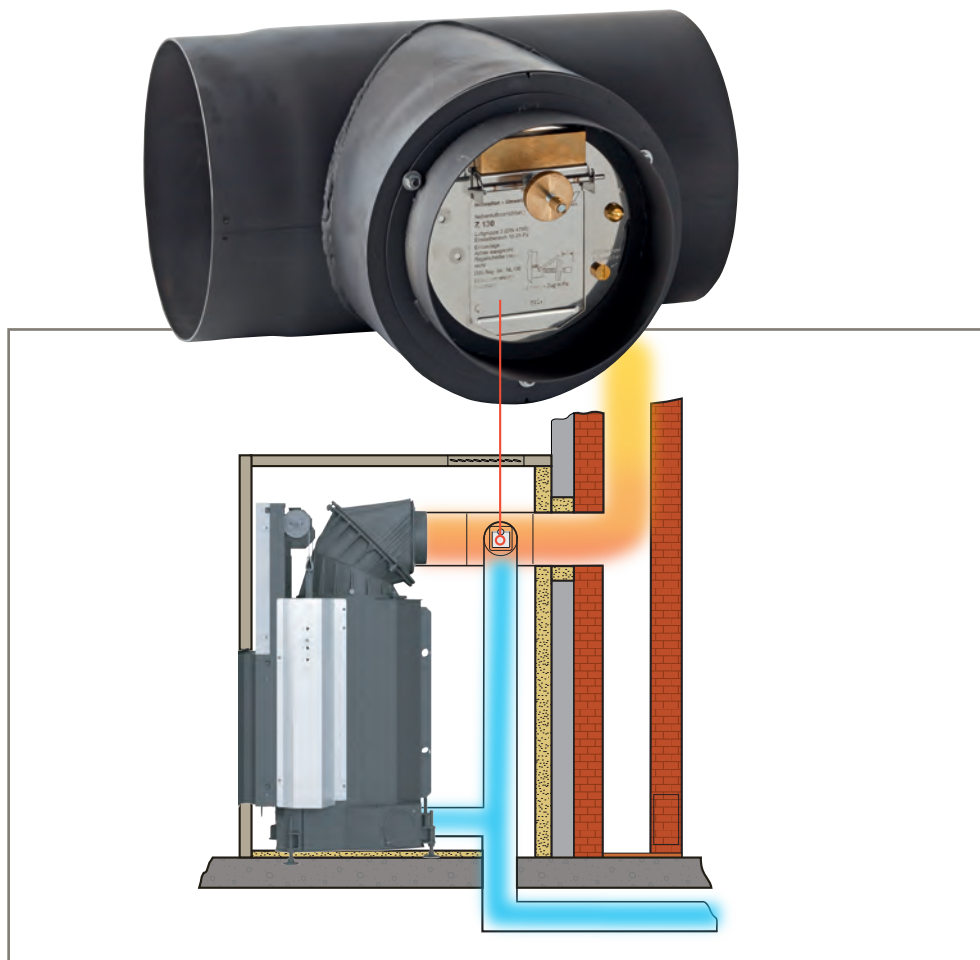


The **SISSI FLAP**

LET THE FIRE REMAIN AS IT SHOULD BE!

Fireplaces connected to modern chimneys are often used with excessive negative pressure. The results include unstable flames, poor efficiency and increased cleaning frequency.

These problems can be solved by installing a Sissi flap from BRUNNER. The self-adjusting flap is installed in a bypass between the combustion air supply and exhaust systems. It acts as an auxiliary air supply system and ensures a constant negative pressure inside the chimney.



Air streams through the bypass into the chimney only in a volume necessary for the required negative pressure level. This is ensured by the self-adjusting Sissi flap. The design corresponds to the requirements of the German Firing Ordinance (FeuVo).



FIREPLACE *grill*

DINING BY THE FIREPLACE

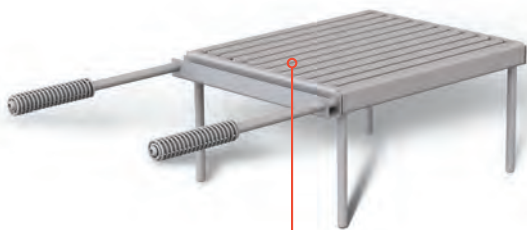
When the fire is gone and only hot embers remain, it is the moment to invite your family or friends for a nice autumn, winter or spring barbecue.

With the BRUNNER fireplace grill, steam and smoke will once again rise up to the chimney after combustion ends. Without additional heating devices and with integrated “smoke extractor”.

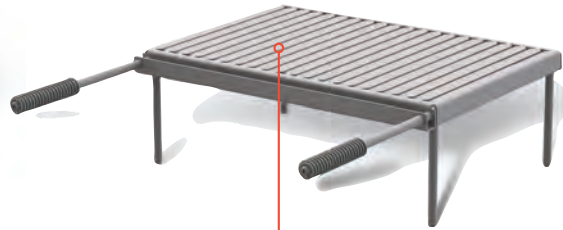
Using two detachable handles, the roasting rack is placed onto the hot embers. In a perfect distance from the heat below. The hot fireclay linings will do the rest of the job.

Now you just need some experience, to tell when it is the right moment to serve the grilled sausage, BBQ ribs or roasted fish.

IS IT NOT GREAT, THAT JOY AND DELIGHT CAN BE COMBINED IN SUCH A BEAUTIFUL WAY?



Fireplace grill 24/30
suitable for smaller
fireplace inserts



Fireplace grill 42/30
suitable for larger
fireplace inserts



Hint: The stainless steel feet can be simply unscrewed for cleaning in a dish washer or before the roasting rack is stowed away.



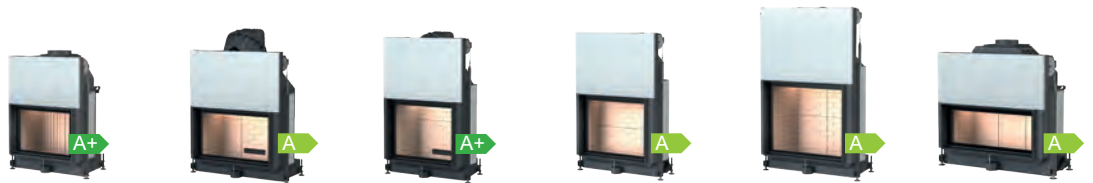
The VARIANTS

SIDE-OPENING



flat	Stil 51/67	
------	---------------	--

LIFTING DOOR



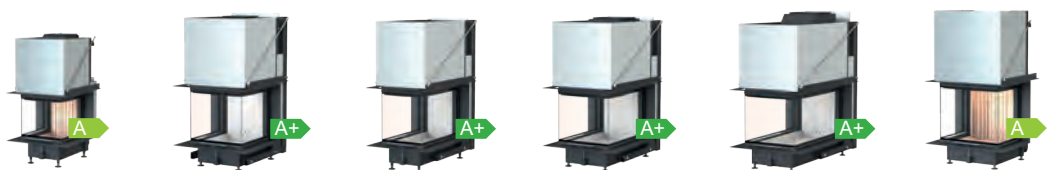
flat	Stil 51/67	Stil 53/88	Stil 62/76	Stil 62/76 k	Stil 75/90	Architektur 38/86
------	---------------	---------------	---------------	-----------------	---------------	----------------------



flat tunnel	Stil Tunnel 51/67	Stil Tunnel 53/88	Stil Tunnel 62/76	Stil Tunnel 75/90	Architektur Tunnel 38/86	Architektur Tunnel 45/101
-------------	----------------------	----------------------	----------------------	----------------------	-----------------------------	------------------------------



corner	Corner 42/57/30	Corner 51/52/52	Corner 57/52/52	Corner 57/67/44	Corner 57/82/48	Corner 70/33/33
--------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------



panorama	Panorama 42/42/42/42	Panorama 51/50/50/50	Panorama 51/66/40/66	Panorama 51/66/50/66	Panorama 51/88/50/88	Panorama 57/40/60/40
----------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------



corner

Corner
42/42/42

Corner
42/57/30

Corner
51/52/52

Corner
57/52/52

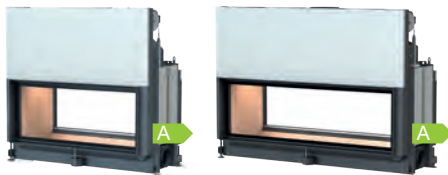
Left/right corner variants available



Architektur
45/101

Architektur
53/121

Architektur
53/166



Architektur
Tunnel 53/121

Architektur
Tunnel 53/166



Architektur
Corner 38/86/36

Architektur
Corner 45/67/44

Architektur
Corner 45/82/48

Architektur
Corner 45/101/40

Architektur
Corner 45/101/40

Left/right corner variants available



Panorama
57/40/85/40

Panorama
57/25/60/25

Panorama
57/25/85/25

Panorama
51/25/101/25

Panorama
57/25/121/25

Panorama
70/25/40/25

Type name = door height/width dimensions in cm
k (meaning: short): Variant with reduced combustion chamber depth





Architektur corner fireplace 53/121/50 I with BRUNNER floor console
Design: Feuerloft

Let's make it clear:

A fireplace is for a lifetime. Because we know what it means, the components of BRUNNER fireplaces comply to the highest quality standards.

“Only the best is good enough for your fireplace.”

Therefore, insist on genuine BRUNNER. We guarantee with our good name for every piece of our fireplace components.

Eggenfelden, August 2023



Hubertus Brunner



made in germany.

Ulrich Brunner GmbH
Zellhuber Ring 17-18
D-84307 Eggenfelden
Phone: +49 8721-771-0
info@brunner.eu · www.brunner.eu

BRUNNER products are offered and sold only by qualified dealers and service centres. Subject to technical and assortment changes. Errors excepted. All depicted items can include additional functions or optional features available at extra cost. Reprinting and reproduction, including excerpts, only with the express permission of the publisher. Status 08/2023 · Ver. 7.1 · 5 K · BRU1871.EN · atwerb.de
The paper used in this brochure is manufactured with pulp from sustainable forestry and other controlled sources. Printed with organic inks based on renewable raw materials.



Stil Tunnel 62/76
Design: Quetlich Feuerkultur

BRUNNER®

