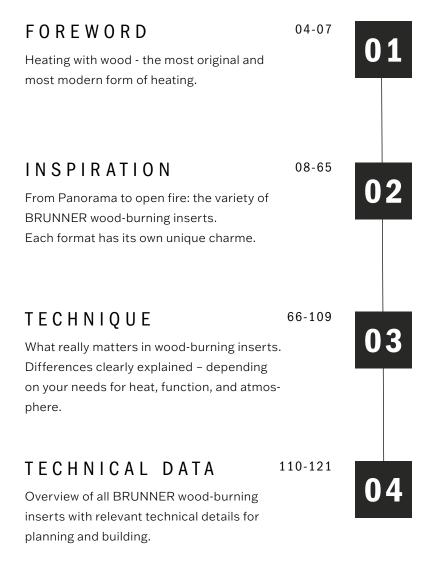
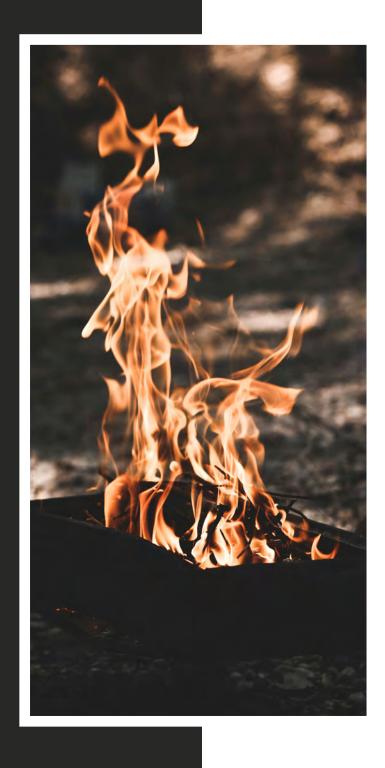
# HEATING WITH WOOD



# ICONTENT





### BAVARIAN

PASSION.

But what is passion? Love, desire, energy, spirit, warmth, thirst for discovery. In many ways, passion enriches our lives and fills our hearts. It is the melody that accompanies us. The smell when each meal tells its own story. Words, images, and emotions when people share their stories with the world.

Your passion might be one of these everyday things - be it the love of music, of nature, of art. It might be the pursuit of sporting excellence, the thrill of adventure, or the drive to innovate.

Our Bavarian roots inspire us to infuse every fireplace with craftsmanship, tradition, and innovation. We believe that with passion, anything is possible. Our partners share this fervor. They understand that achieving goals, whether in business, art, sport, or life, requires dedication and enthusiasm. Together, we create fireplaces that not only heat homes but also kindle joy, comfort, and a sense of belonging.

Let us show you our passion. Discover our range of fireplaces and find the perfect addition to your home, crafted with bavarian passion and precision.

### NATURAL WARMTH

### FOR A SUSTAINABLE FUTURE.

Warmth is more than just a matter of temperature.

It stands for comfort, well-being and sustainability – values that have guided us at BRUNNER from the very beginning. As a family owned company, we stand for a mindful use of energy, for quality and the promise to create more than just products: we create living spaces with passion.

Wood, as a renewable and CO<sub>2</sub>-neutral raw material from local forests, is one of the most environmentally friendly energy sources available to us. With modern technology and a clear focus on what really matters, we use this source of heat efficiently and responsibly – for a cozy home, a healthy environment and a future in which even coming generations feel comfortable.

We believe in what we do - and in how we do it.

That means: Not only treating resources with respect, but people too. We treat others the way we want to be treated ourselves: with appreciation, open mind and the desire to create something important together.









# OUR FORMATS

### AN OVERVIEW



### PANORAMA

Panorama fireplaces from BRUNNER give a clear view of the wood fire from three sides - ideal as a room divider or as an architectural highlight in the living room.



### CORNER

A wood burning insert with a corner glass pane offers a two-sided view of the fire, ideal as a room closure or as a decorative element in an open-plan living situation.



### TUNNEL

Tunnel inserts not only heat the room, they also divide it without being too massive. The two viewing glasses allow you to enjoy the fire in two rooms at the same time.



### FIAT

Flat formats are the most common among wood fire inserts. They can be integrated relatively easy into almost any project. Set up in their sourrounding they can change the space into an artistic picture.



### ROUND

Formats with a curved pane create a very special depth effect for the play of flames. The implementation does not necessarily have to follow the geometry of the pane. There are almost no limits to creativity and inventiveness here.



### OPEN

Open fireplace: It is the most original fireplace of all: an open fireplace. no separating glass pane, instead a clear view of the blazing flames. You are very close to it, can feel, smell and hear the fire.



# PANORAMA

FIRE FROM THREE SIDES





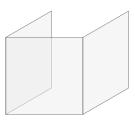
### OUR GLASS SIZES

The panorama formats from BRUNNER are special fireplace models that offer a particularly generous view of the fire thanks to their three-sided glass. The wide surface allows a perfect all-round view and a unique fire experience from different angles in the room.

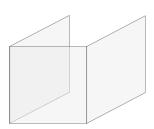
The new BKH green fireplace series also includes panorama formats that not only enhance the ambience in the living room, but are also more environmentally friendly and energy-efficient.



### FIREPLACES



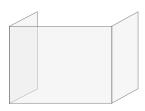




BKH 45-65-45-65



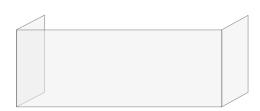
BKH 45-80-45-80



BKH 45-35-60-35



BKH 45-35-90-35

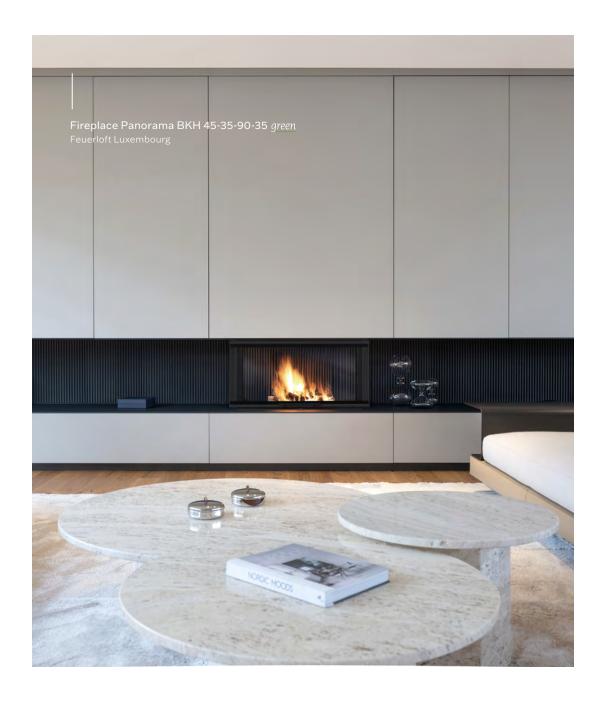


BKH 45-35-120-35



# ITOTALLY FLOATING





### VIEW OF THE FIRE FROM THREE SIDES

Panorama fireplaces by BRUNNER represent the fire experience at its best beautiful shape — with an unobstructed view of the flames from three sides. Whether as a defining design element or an elegant room divider, they combine residential aesthetics with technical sophistication. Two exclusive upgrade options offer even greater design

flexibility: A cast iron combustion chamber extension visually enlarges the interior of the fireplace and makes the flame display even more striking. For those seeking a particularly modern and clean look, the floating version is the ideal choice — with a support bracket that makes the fireplace appear weightless within the space (see p. 14–15).







# GREEN TECHNOLOGY

### EFFICIENT AND SUSTAINABLE

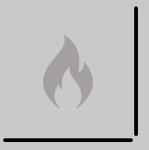
The patented combustion chamber geometry of the BKH *green* series significantly reduces emissions and optimizes wood combustion.

This saves wood, protects the environment and meets all legal requirements. For maximum sustainability and future-proofing, the fireplaces can be optionally equipped or retrofitted with a catalytic converter.

### BAVARIAN PASSION.







# CORNER

FIRE FROM TWO SIDES





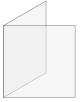
# THE MODELS

### OUR GLASS SIZES

The corner formats from BRUNNER are designed to integrate them seamlessly into the corner of the room, making optimum use of the available space. They offer a wonderful view of the fire and create a cozy atmosphere while visually opening up the room. The new BKH green range also offers corner formats that not only enhance the living ambience, but are also designed to be more environmentally friendly and energy efficient.



### FIREPLACES\*





BKH 42-42-42

BKH 42-66-42

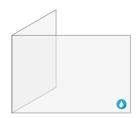
BKH 42-98-42



BKH 50-82-42

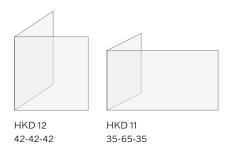


Waterbearing Fireplace 42-57-30



Waterbearing Fireplace 45-67-44

#### TILED STOVES



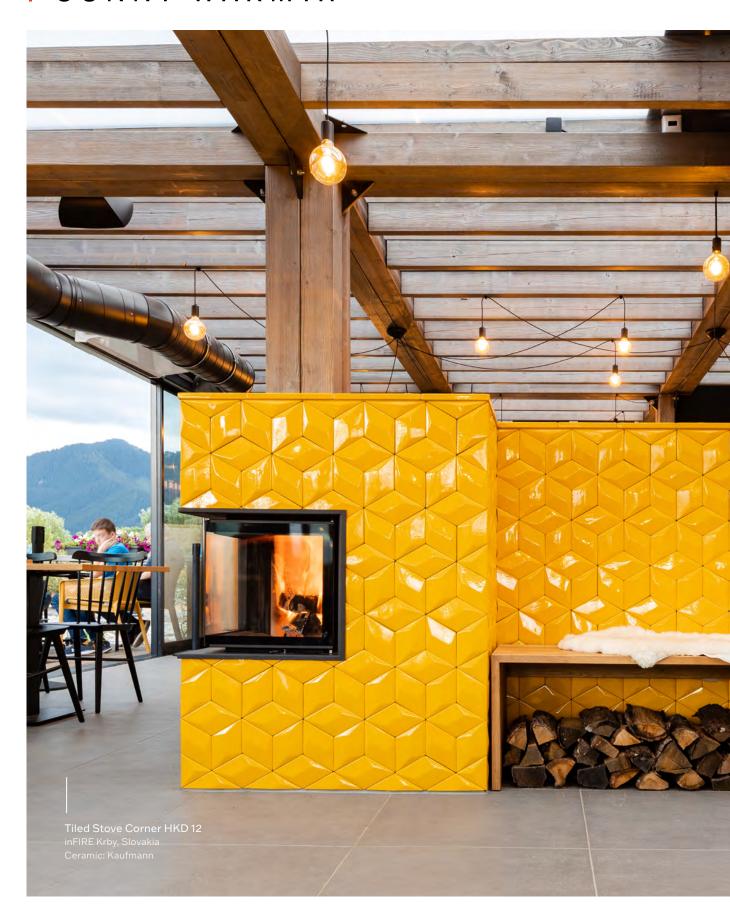
waterbearing



# I LIVINGROOM WITH FLAIR



# I SUNNY WARMTH





### CHARME AROUND THE CORNER

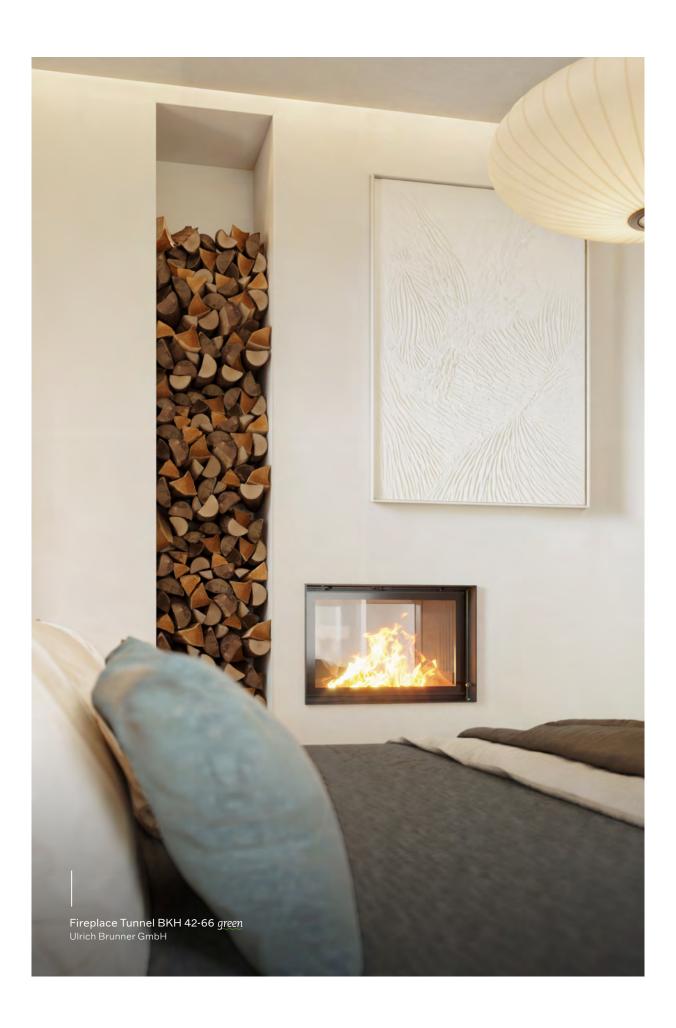
The HKD series with corner door formats combines efficency with fire atmosphere at it's best. You get the fire view from two sides, without compromise. And all this with a castiron wood-burning insert, designed for highly efficent storage stoves.

LET YOURSELF BE ENCHANTED BY THE UNIQUE CARISMA OF A CORNER FIREPLACE - FOR AN ATMOSPHERE THAT WARMS AND INSPIRES.



# TUNNEL

FIRE AS A ROOM DIVIDER





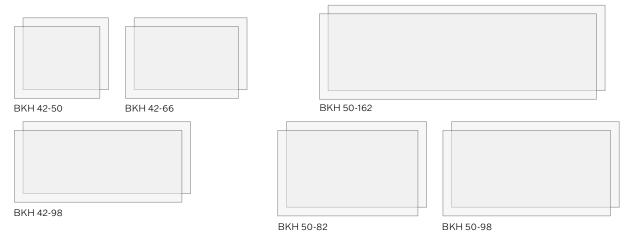
### THE MODELS

### OUR GLASS SIZES

The tunnel formats from BRUNNER are fireplaces with double-sided glass which enables the view from both sides of the room. This makes them ideal as room dividers and creates a special transparency that ensures an open, harmonious feeling of space. They visually connect two areas and offer a fascinating sight of the fire from different perspectives. The new BKH green range also includes tunnel formats that not only enhance the ambience in the living room, but are also more environmentally friendly and energy-efficient.



#### FIREPLACES\*



#### TILED STOVES



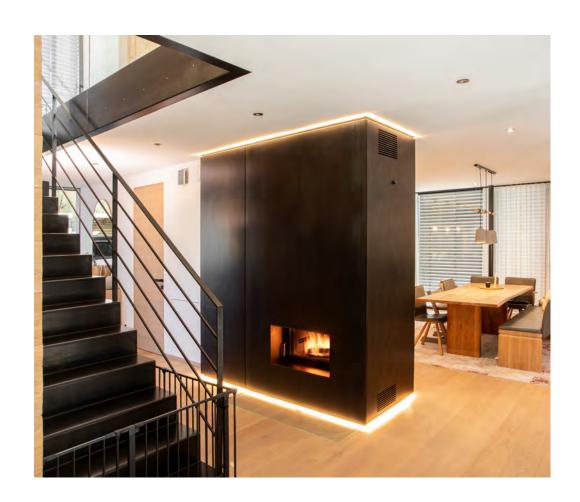
<sup>\*</sup> Selected fireplace models also available with boiler module for hot water support. More information, see p. 92.

## TUNNEL TILED STOVE

### FLAT GLASS AT FRONT AND BACK

Tiled stove heating inserts with doors at the front and back are known as see-through or tunnel inserts. The version with two equally sized viewing panels is often installed in stoves that are used as room dividers.

### THE STOVE AS A PIECE OF FURNITURE







# ISEPARATED WITH STYLE



# I ELEGANT SEPARATION





#### FULL OVERVIEW

Why are tunnel fireplaces from BRUNNER so popular? Quite clearly, they not only heat the room, they also divide it up without appearing too massive. The two viewing panels allow you to enjoy the fire in two rooms at the same time. BRUNNER tunnel fireplaces are the perfect solution for anyone who doesn't want to set any limits to their wood fire.

VIEW OF THE FIRE FROM TWO SIDES OF THE ROOM



# FLAT FIRE FROM ONE SIDE



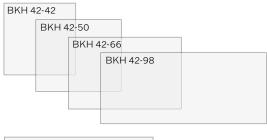
## THE MODELS

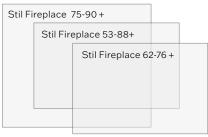
#### OUR GLASS SIZES

The flat formats from BRUNNER are ideal for modern living concepts, as they can be harmoniously integrated into various room designs thanks to their minimalist design and low height. They offer an elegant view of the fire and create a pleasant, cozy atmosphere. The new BKH green series also includes flat formats that not only enhance the room design, but are also designed to be more environmentally friendly and energy-efficient

# BRUNES

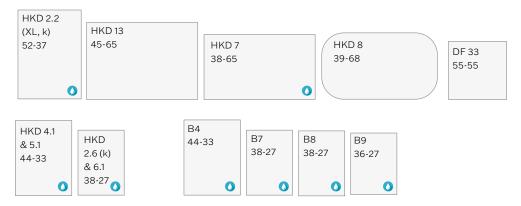
#### FIREPLACES\*







#### TILED STOVES

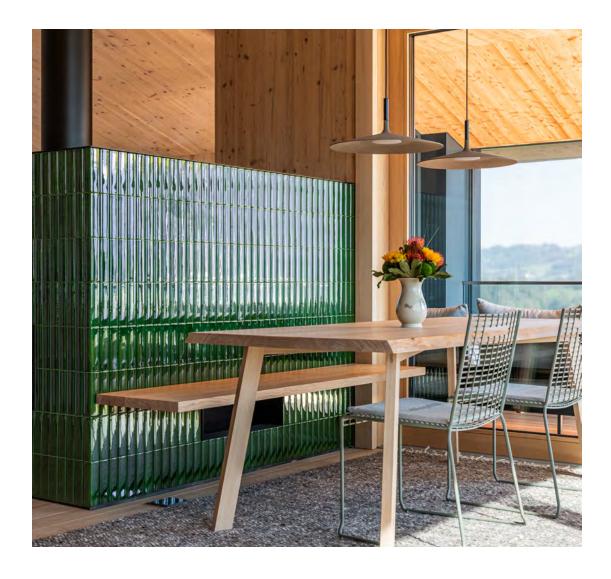


INSPIRATION | TECHNIQUE

#### BRAVE TO COLOUR

The stove attracts everyone's attention as soon as they enter the open-plan living room. The high-gloss, green soap ceramic from Kaufmann gives it an unmistakable look and creates an exciting contrast to the natural wooden architecture of the house. 500 handmade tiles were carefully glued together individu-

ally, creating a unique surface texture. The entire building reflects the Alpine character - with natural materials, open wooden constructions and a warm, cozy atmosphere. The tiled stove was intended to take up and embody precisely this concept - in the form of design and warmth.

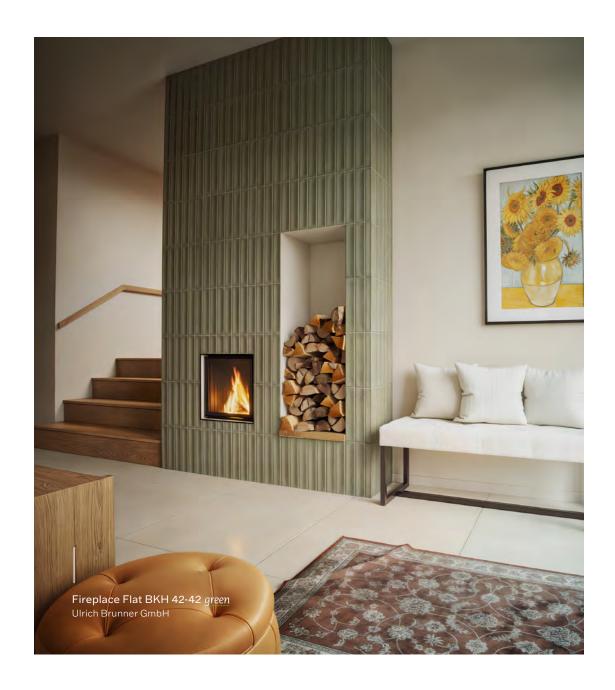






# I BEAUTIFUL VIEWS





#### THE BKH SERIES

Our brand new fireplace inserts BKH green impress with the latest technology. The central element is the new, energy-efficient and unique bowl firing system. This in combination with the usual straightforward and visually high-quality design as well as an optional retrofittable catalytic converter. Which means: a perfect flame pattern and the lowest possible emissions at the same time. We have taken care to

optimally combine environmental compatibility and user experience. The result is a system really works excellent. Every BRUNNER fireplace of the new generation is not only a pleasure to use: the current limit values are even far undercut and the increase in efficiency means that significantly less wood is consumed. Find out more on page 85.







# I DREHFEUER





#### AND IT'S TURNING

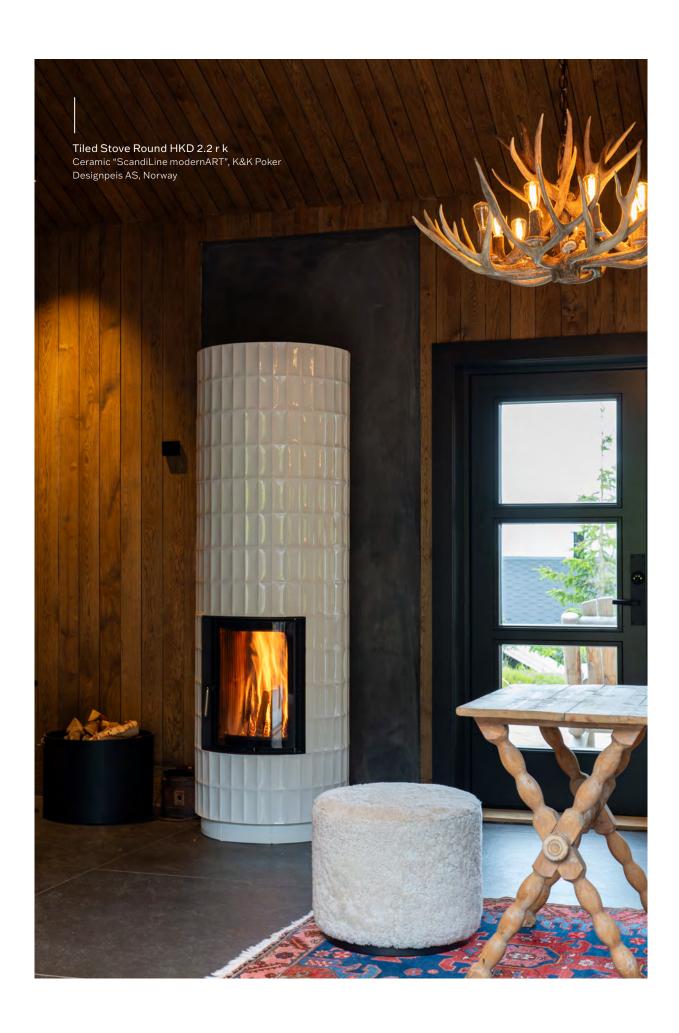
The Drehfeuer provides a fire atmosphere from more than just one angle, optionally with heat storage. It offers exactly the technology required for optimum heating performance without having to do without fire from all angles. The square stove cube can be rotated at a 90° angle and is not a gimmick, but a genuine wood-burning insert for handcrafted stove construction. Overly protruding viewing panels are dispensed with in favor of an even more homogeneous heat emission, where you can still enjoy the view of the flames.

THE FIRE WHERE YOU WANT IT.



# ROUND

A SPECIAL DEPTH EFFECT





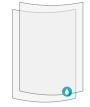
## THE MODELS

#### OUR GLASS SIZES

A stove with a curved glass creates a very special depth effect for the play of flames, and whether the fireplace casing is also designed to be round depends entirely on your ideas. The implementation does not necessarily have to follow the geometry of the glass. Here too, there are almost no limits to creativity and imagination.

#### TILED STOVES





HKD 2.2 r (XL) 52-37

HKD 2.2 r (XL) Tunnel 52-37





# OPEN

FEEL THE FIRE WITH ALL YOUR SENSES



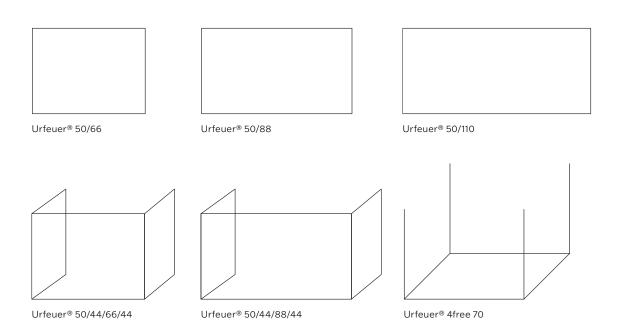


#### OUR FIRECHAMBER SIZES

It is the most original fireplace of all: an open fireplace. No separating glass panel, instead a clear view of the blazing flames. You are right up close and can feel, smell and hear the fire. An experience for the senses. With an open fireplace, the heat output is secondaryit's all about the sensation.

With the Urfeuer®, BRUNNER brings back fire in its most original form: as an open fireplace without a glass panel, but with sophisticated technology for trouble-free and safe operation even in modern, high-density residential buildings.





#### OPTIONAL FOR COOKING

Anyone who enjoys barbecuing knows that nothing tastes better and juicier than a meat skewer grilled on the grid, because the wood fire of a kitchen fireplace lends an unmistakable aroma and kitchen ovens spread aura and comfort. The URFEUER® kitchen fireplace is the individual variant for cooking at it's origin. It allows you to prepare food with a wood fire. The spit axis is optimally positioned in

relation to the fire so that the roast is always guaranteed to succeed. Barbecue smells are removed via the chimney; the extractor fan is already integrated. The open kitchen fireplace is perfectly installed at working height with a shelf in front. In this way, the original fire also lends comfort and flair to modern kitchens.







# I ATMOSPHERE CLOSE UP





#### MAXIMUM SAFETY

Spark protection is an important detail for an open fireplace. Regardless of whether "sparking" softwood is used or whether the firebox needs to be protected from falling embers after burning for safety reasons. This safety detail is fitted as standard in all Urfeuer fireplaces and the spark guard made of black painted stainless steel mesh is lowered upwards via a smooth-running and stable rail. Technically workig in the same way as a glass ceramic and

fitted with balancing weights. Another benefit is that no technology is visible, even when recessed, as this grille with its mechanism is guided in a narrow gap between the fire protection panels. Access is simple and easy, as the fire protection panels can be removed without tools. And here's another advantage of about our spark guard, when pulled down, it's not even visible during a fire!





#### OPEN ALL AROUND

The Urfeuer® 4free is the most ingenious variant, although it must be free-standing. It makes a powerful impression and its design clearly stands out from the conventional fireplace design. Bring a pure

campfire ambience into your home. Yes, it really is possible - an open fire in your own place is a special fire experience, thanks to sophisticated technology.







# TECHNIQUE

DIFFERENCE BETWEEN FIREPLACES AND STOVES

## READY FOR THE FUTURE

#### THE NEW BRUNNER TECHNOLOGY

Over the years, we have continuously adapted our product range and design options to the wishes and needs of our customers, as well as to the requirements set by legislators – our understanding of practical, technological evolution.

green is the new standard at BRUNNER: With the right amount of wood and proper operation, lower emissions that can be achieved at any time. We don't require "laboratory conditions" – anyone who wants can heat "green" at home. Tiled stoves are inherently green due to their combustion technology. This level is achieved in fireplaces because of the patented bowl firing system.

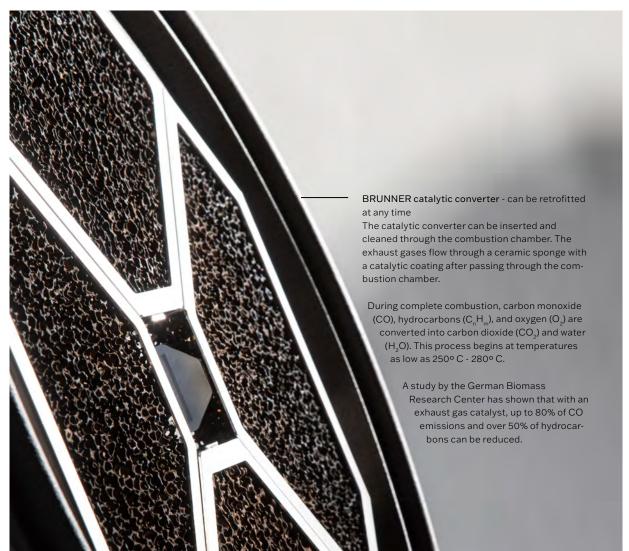
Versions with an integrated catalyst and combustion control, can achieve the green quality level. This version is an option you can book individually and the catalyst module can also be retrofitted.



<sup>\*</sup> Carbon monoxide is a product of incomplete combustion. The less CO is emitted, the better the combustion process. (Note: Carbon dioxide (CO<sub>2</sub>) is produced during complete combustion.)









### CONTROLS AND REGULATION

#### USER COMFORT AND SAFETY

System safety, optimal emission values, and user comfort were the starting point for why BRUNNER was the first to develop stove controls for wood-burning inserts in 1990. BRUNNER stove controls have all the peculiarities and potential disturbances of a combustion process. Simply put the wood into the stove, light it, and the heat release runs automatically – ensuring the desired long-lasting embers. Combined with other system solutions from BRUNNER, the entire heat management of a building can be centrally controlled and displayed clearly on a touch display.







EOS	EAS	USA
E U 3	EAS	USA

# Electronic stove control for modern stoves and heating systems

The EOS offers full control and user comfort for stove and heating systems. It regulates the optimal combustion and controls all components. Through the touch display, you can always keep track of the entire heating system.

For water-bearing stoves and fireplaces, the EOS is indispensable, as it reliably manages all functions, ensuring safe and efficient operation.

# Electronic combustion control for tiled stoves and fireplaces

The EAS automatically regulates the combustion air and ensures optimal combustion. It detects wet or unsuitable wood, provides guidance, and indicates the ideal time for reloading.

After combustion, the EAS reliably shuts off the air supply – for greater efficiency and comfort.

#### Depression safety cut-off switch regulates the negative pressure safety

The USA protects against disruptive negative pressure for operation with ventilation systems. A sensor monitors the pressure in the installation room of the heating appliance and automatically shuts down ventilation systems when necessary.

This prevents the entry of flue gases into the living space. Officially approved, ideal for all wood-burning stoves with an external air connection.

## INTELLIGENT CONTROL

#### WITH EOS & EAS

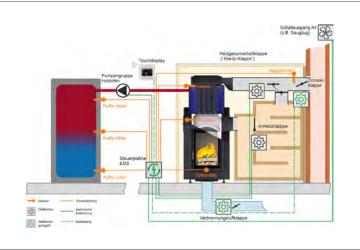
The BRUNNER control systems EOS and EAS take over the precise regulation of combustion. Both systems are equipped with a user-friendly touch display, integrated Wi-Fi, and app connectivity for smartphones or tablets. Thanks to open interfaces, the EOS can be easily integrated into a smart home – providing a modern, connected heating solution. This allows the fire to be monitored and controlled conveniently, even when you're away.

Safety first: Both EOS and EAS are equipped with comprehensive safety mechanisms. In the event of a power failure, the combustion air damper is automatically fully opened via the integrated emergency power supply (battery). No manual intervention is required. This ensures that – regardless of whether the stove is in use or not – the flue gases can always safely vent through the chimney. Once power is restored, the control system automatically returns to standard operation.

#### E O S

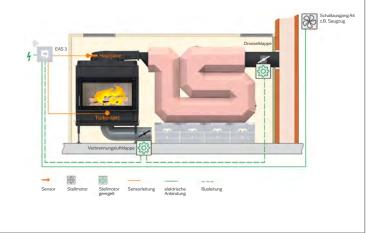
The EOS is a system control for even better user comfort. In addition to combustion air automation, various components of a modern stove and heating system can be controlled and displayed. Especially with complex heating solutions, an easy and intuitive operation is essential.

Over many years, we have continuously developed the graphical interface of the touch display into a self-explanatory information and control unit.



#### EAS

Also suitable for retrofitting. If user comfort is desired, an EAS can also be retrofitted at a later stage. BRUNNER inserts are designed for this.



#### USA

#### PRINCIPLE OF NEGATIVE PRESSURE CHECK

The negative pressure monitoring is placed in a flush-mounted box near the stove. Inside it is a negative pressure sensor that tracks the differential pressure between the stove and the installation room. If the negative pressure reaches critical values due to a malfunction or mismatched behavior of the ventilation system, a safety shutdown of the responsible ventilation systems occurs.

Short-term pressure fluctuations caused by wind gusts at the chimney or by opening windows and doors are filtered out. The depression safety cut-off switch is perfectly calibrated for nearly all wood-burning stove systems that operate under natural draft conditions and is officially approved (DIBt; number: Z-85.1-8). The negative pressure monitoring can also be used to monitor multiple ventilation systems or kitchen fans.

# USA The safety device measures the differential pressure between the installation room and the chimney. If the required chimney negative pressure for the operation of the heating appliance is not present, the monitored ventilation systems are shut down or blocked. Druckmessstelle Fourstatte Heizpastemperature Netz. Liftungsgerat Druckmessstelle Fourstatte Raum Druckmessstelle Fourstatte Raum Druckmessstelle Fourstatte Druckmesstelle Fourstatte Druckmess

# BRUNNER depression safety cut-off switch USA with transmitter and receiver components.

#### THE GLASS VARIANTS

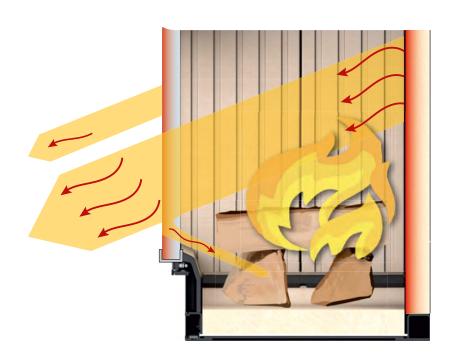
#### SIMPLE CERAMIC GLASS, COATED OR DOUBLE

Glass panes of fireplaces ad stoves are not just ordinary glass. The installed ceramic glass is specially constructed for high and fluctuating combustion chamber temperatures, as well as the mechanical pressure in stoves and fireplaces. Versions with double glazing or heat-reflective coatings are used when furniture or combustible components are located near the combustion chamber opening. These door variants are also practical when the installation room is small or has only a low heat demand.

#### SIMPLE GLASS PANE

#### STANDARD

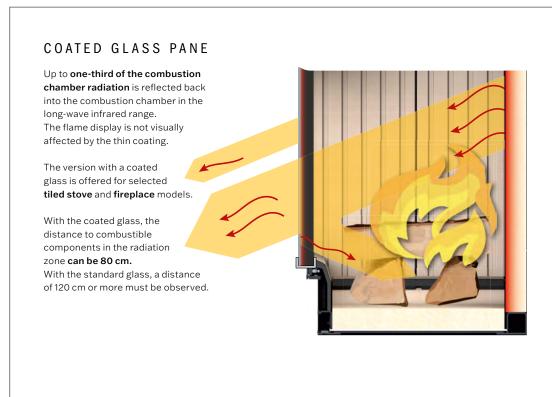
Combustion chamber radiation through ceramic glass, as it is standardly installed.



#### REDUCTION OF RADIATION

Both options are comparable in their effect. The heat radiation through the combustion chamber opening is reduced by 10-15%.





#### 4 REASONS

#### WHY THE GLASS PANES STAY CLEAN FOR LONGER

Construction, chimney negative pressure, fuel and operation are the key factors influencing clean glass panes.

#### AIR-TIGHT STRUCTURE AND CLEAN COMBUSTION

BRUNNER fireplaces are extremely tight structures. The combustion air streams in front of the glass are able to create a stable "air barrier", reducing the deposits of soot and particulate matter.

Flat glass panes remain clean for longer. Two- or three-fold glass formats (corner & Panorama fireplaces), with more turbulent air flow within the corner areas, need to be cleaned more often.

#### HUMIDITY AND LOAD OF WOOD

Dry wood in prescribed amount and size is another important factor of clean combustion. Only with high-quality fuel and appropriate user action it is possible to achieve the required temperatures and streaming conditions for glass purging. When combustion temperatures are too low, the hot combustion gases condensate on the cold glass surface despite the protective air curtain. The glass fogs up and soot deposits emerge.

#### APPROPRIATE MANUAL OPERATION OR COMBUSTION CONTROL

Even the best fireplace users make errors and sometimes fail to adjust the air supply at the right moment. Electronic combustion control allows for reliable automation of this process and detects common errors during use.

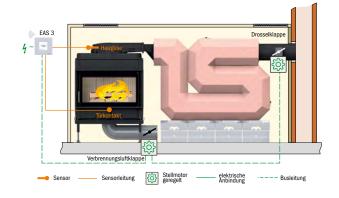
Too little, damp or unsuitable wood leads to user notifications.

#### CHIMNEY NEGATIVE PRESSURE

Too high or too low negative pressure are not possible to be compensated by adjusting the combustion air supply. Under such conditions, complete combustion is not possible and the soot build-up is more intense.

#### DAMPER FLAP

If you want even more, you can combine the EAS control system with a motorized damper flap to avoid the effect of excessive negative pressure. With this control feature, the hot combustion gases will not pass too quickly through the ceramic duct and are able to warm up the storage mass optimally. After combustion ends, the closed damper flap position prevents the loss of heat through the chimney.



At the beginning of combustion, the EAS controller opens the damper flap completely. The controlled damping process is activated after a certain temperature threshold is reached. When combustion ends, not only combustion air supply closes, but also the damper flap at the chimney entrance.

The result is a gain in efficiency of approx. 10-15%. Over the years, this is a fair amount of saved energy losses.

#### NO MORE NEGATIVE PRESSURE

#### THE POSSIBILITIES

#### INTEGRATED SECONDARY AIR SYSTEM

Modern chimneys are often operated with excessively high negative pressure.

Unstable flame patterns, poor efficiency, and increased cleaning effort are the consequences. The damper installed in the air connection box regulates the airflows between the fireplace insert and the flue gas system. Functionally identical to a draft limiter, it ensures a constant chimney negative pressure and a stable flame pattern.

This additional option is available for all flat, corner, and tunnel models of the fireplaces.







#### THE DIFFERENCES

#### BETWEEN FIREPLACES AND STOVES

Wood-burning devices provide warmth, atmosphere, and a unique living experience. But not every heating appliance works the same! Here you can learn about the differences between a fireplace, a tiled stove and an open fireplace.

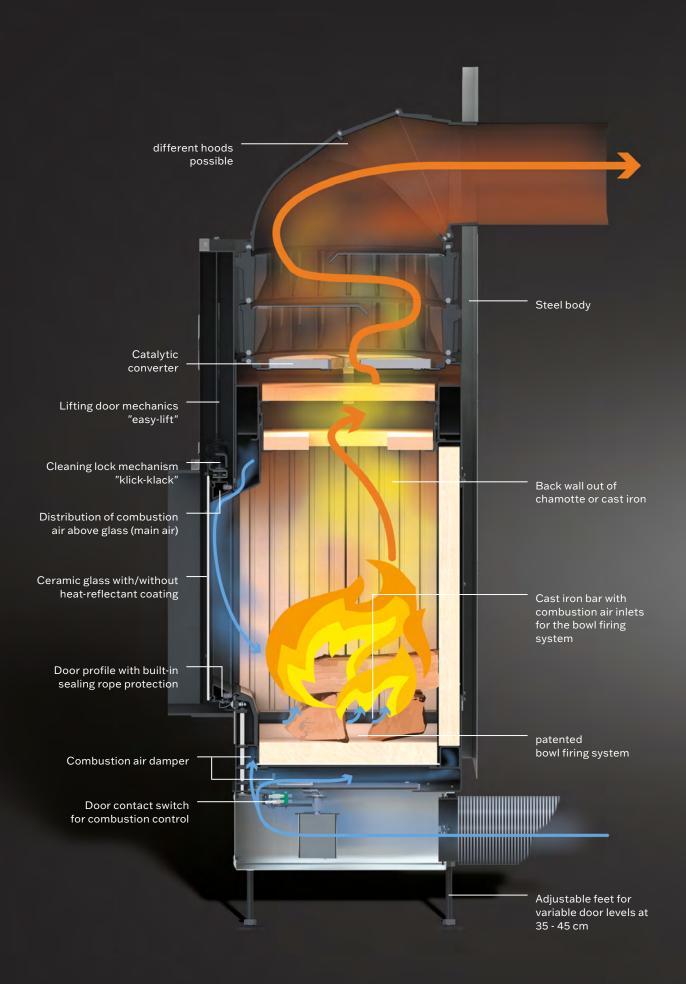






CHARACTERISTIC	FIREPLACE	TILED STOVE	OPEN FIRE
HEATING TYPE	Radiant and convective heat	Radiant heat & heat storage	Open fire, minimal heating output
MATERIAL	Steel	Cast iron	Steel
STORAGE MASS	Medium	High	Low
HEATING TIME	Quick	Medium	Instant warm, but cools quickly
HEAT DURATION	Medium	Long	Only as long as the fire burns
EFFICIENCY	High	Very high	Very low
AMBIENCE & FIRE VISIBILITY	Very high (large glass panes)	High to medium (depending on glass dimension)	Maximum fire experience
SPECIAL FEATURE	Fast heat & fire enjoy- ment	Efficient heat for hours	Decoration, minimal heating output
SUITABLE FOR	Frequent heating, ambiance fire	Regular heating, pleasant radiant heat	Occasional fires & atmosphere





CONSTRUCTION OF A FIREPLACE

#### FIREPLACE

#### FOR WARMTH & ATMOSPHERE

The fireplace not only brings quick warmth to the room but also serves as a real eye-catcher. Large glass panes create an impressive display of flames – perfect for cozy evenings enjoying the fire.

Technically refined: Our fireplaces are made of robust steel, which ensures rapid heat transfer. Combined with after-heat surfaces or boiler modules, long-lasting warmth can also be generated.

Perfect for: Living spaces where the experience of "watching fire" is the focus combined with the need to heat up quickly.

CHARACTERISTIC	FIREPLACE	
HEATING TYPE	Radiant and convective heat	
MATERIAL	Steel	
STORAGE MASS	Medium	
HEATING TIME	Quick	
HEAT DURATION	Medium	
EFFICIENCY	High	
AMBIENCE & FIRE VISIBILITY	Very high (large glass panes)	
SPECIAL FEATURE	Fast heat & fire enjoyment	
SUITABLE FOR	Frequent heating, ambiance fire	

#### HIGH QUALITY CONSTRUCTION

#### SIMPLY CHOOSE WHAT'S RIGHT.

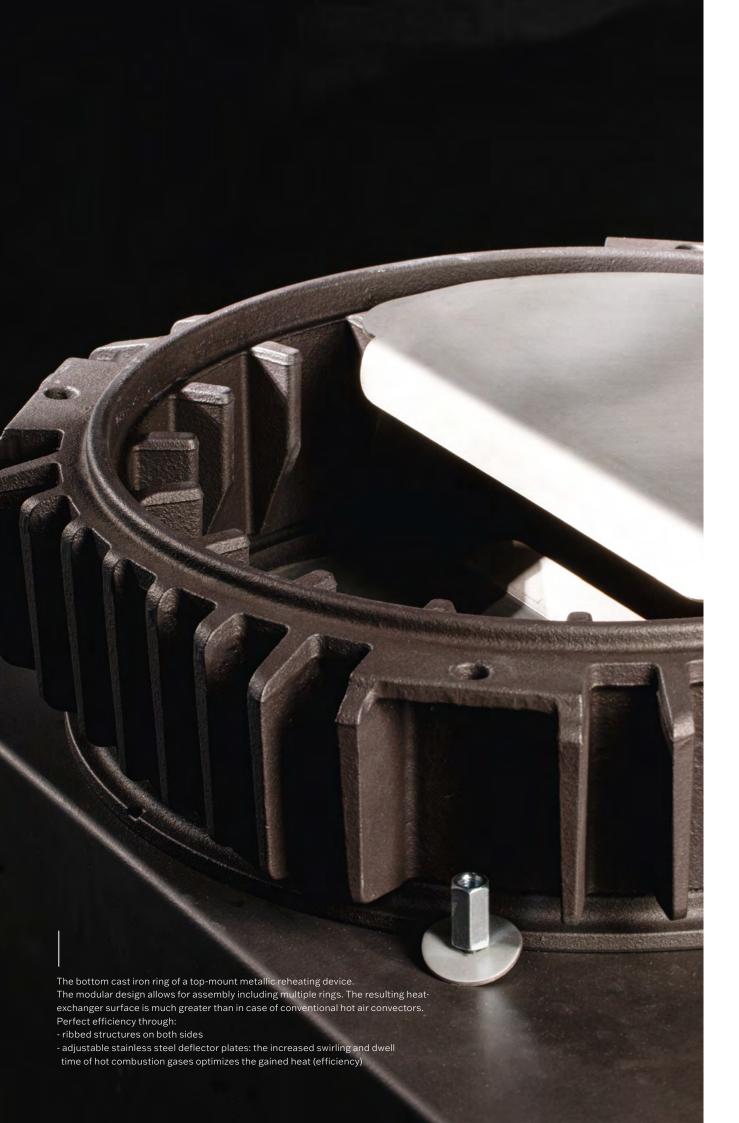
A BRUNNER fireplace is a decision for life. With high-quality materials, precise construction, and durability, our stoves are designed to function reliably for many decades – low maintenance and consistent. This means you are investing in a product that offers you the best possible fire experience. Today, tomorrow – and ideally for a lifetime.

Sure, quality comes at a price. But when you choose BRUNNER, you get a premium product that maintains its value for many years. An investment worth making – because some things in life are only bought once. And then, they stay.

BRUNNER door sealing rope - a flexible sealing hose with a metal spring core. Thermal resistance up to 750° Celsius.







#### I THE COMBUSTION CHAMBER





#### OPTIMAL COMBUSTION

BRUNNER has developed a combustion chamber geometry that is unique in the industry and sets new standards. This technology delivers exceptionally low emission values and already meets the requirements of tomorrow.

Central element is the patented bowl firing system, in which the combustion chamber is shaped like a bowl - without a grate and without an ash drawer. The wood logs burn especially clean and efficient, supported by a precisely guided air supply. Primary and secondary air are directed in a targeted way and can be conveniently adjusted using a single control element.

The bowl firing system is the main element of the BRUNNER green-line: a new generation of wood-burning fireplaces designed for sustainable and climate-friendly heating - in full alignment with the energy transition.

Combined with the EAS or EOS control systems and a retrofittable catalytic converter, the next level green+ can be achieved (see page 69). Ideal conditions for being ready for the future.

> THE BEST THING THAT CAN HAPPEN TO A FIREPLACE!



#### CUSTOM DESIGN

Whether light chamotte or dark cast iron – the combustion chamber lining can be chosen individually. Many models also offer the option of a swivel or sliding door, allowing the fireplace to be perfectly adapted to personal preferences and spatial conditions.

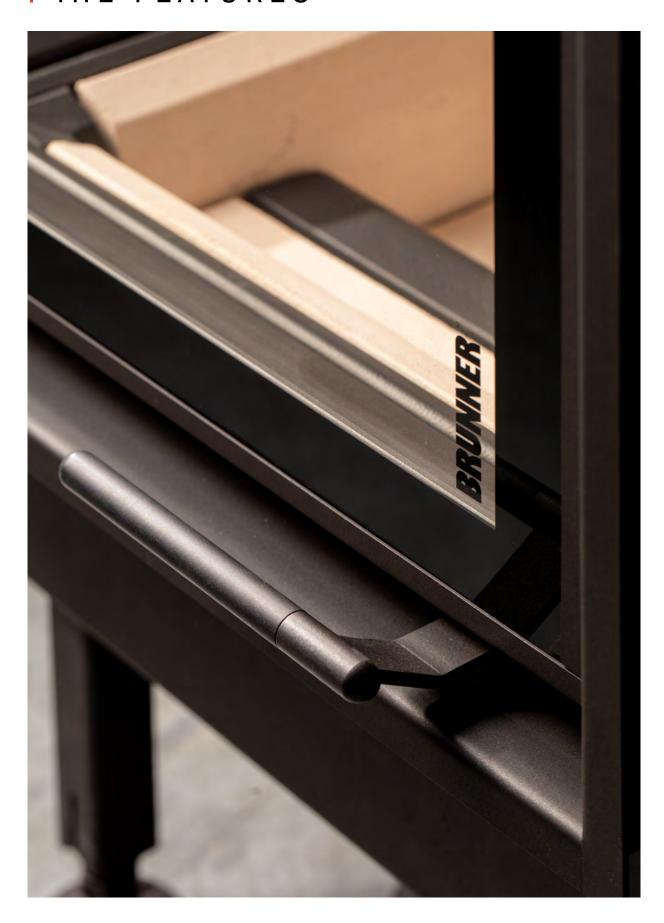
#### FREE VIEW TO THE FIRE

A minimalist design ensures an open view to the flames: The simple handles and frames blend harmoniously into any environment. The airtight construction and optimized combustion air flow with glass puring keep the glass pane clean. Optionally, transparent ceramic glass or a heat-reflective coating reduce the radiation zone and provide a clear view of the fire.

#### EASY OPERATION

The smooth and tightly sealing door mechanism "easy-lift" allows for effortless operation and ensures an optimal seal. Thanks to the practical cleaning lock "Click-Clack," the glass pane can be cleaned swiftly. Maximum user comfort is provided by the electronic combustion or stove control.

#### I THE FEATURES



#### DOOR- AND FRAME VARIANTS

#### THE POSSIBILITIES

Our fireplaces have two door options to choose from: Lifting door or side-opening door. Both systems impress with thoughtful technology, high-quality craftsmanship, and long-lasting functionality – Matching to personal preferences.

With the Lifting door, the glass is pushed upwards and elegantly disappears into the body of the fireplace. The specially developed easy-lift mechanism ensures exceptionally smooth, stable, and quiet operation. For cleaning, the door can be easily folded forward thanks to the click-clack mechanism.

For those who prefer a classic style, the side-opening door is the perfect choice. The door opens sideways. Cleaning is also particularly easy due to the wide opening of the glass pane.

Whether lifting door or side-opening door – BRUNNER offers two frame solutions for a connection to the cladding: the decorative frame, which sits visibly on the surface and forms a clear frame around the fire, or the mounting frame, which is subtly integrated into the cladding, making the door appear almost frameless.



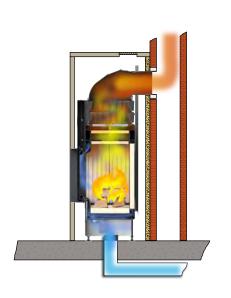


Black-coated door frames and mounting frames, shown in red in the example, are screwed directly onto the insert for fireplaces with a lifting door. For all versions with a side-opening door, there is a surrounding, fixed mounting frame where the door frame is attached. The door frame has a 90° bend and a surrounding frame width of 12 mm.

Mounting frames are available with a material thickness of 5 mm and an installation depth of 60 mm. Corner fireplaces with a lifting door are only available with a mounting frame. Panorama fireplaces have special frame versions for fire tables.



#### I FIREPLACE SYSTEMS



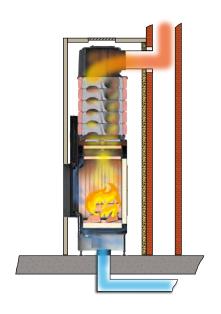
#### HOT AIR CONVECTION FIREPLACE

#### with top-mount cast iron rings

The hot combustion gases are streaming through metallic rings. Their ribbed structure and the integrated deflector plates provide a great heat-exchanging surface.

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





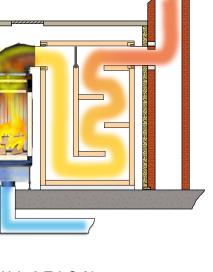
#### A C C U M U L ATION FIREPLACE

#### with top-mount accumulation rings

The hot combustion gases are streaming through ceramic accumulator parts. The spiral internal structure of the rings includes three hot gas channels.

This is a great option, when a fireplace with tiled-stove heating effect and a small footprint is required.



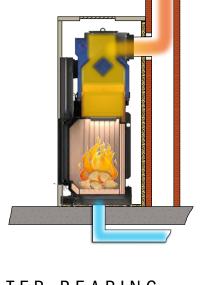


#### A C C U M U L ATION FIREPLACE

#### with adjacent heat storage mass

The hot combustion gases are fed through a compact cast iron dome into a separate ceramic accumulator block. These are perfect conditions for a prolonged tiled-stove heating effect.

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



#### WATER-BEARING FIREPLACE

#### with integrated boiler

The hot gases are fed into the integrated water-bearing heat exchanger (More on page 92/93).

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





#### HOT WATER SUPPORT

#### FOR FIREPLACE INSERTS

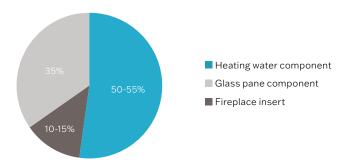
Water-bearing fireplace inserts are offered with different glass and combustion chamber sizes. The glass pane provides the fireplace atmosphere and heats the room during combustion.

The design of the boiler body with a water heat exchanger or boiler module determines the share of heating water for heating support. With a high boiler output, a "sauna effect" in the installation room is avoided during frequent heating.



Boiler bodies with an integrated water heat exchanger have the highest boiler output. The best possible result with a large-format glass!

The installation room is heated directly by the combustion chamber radiation through the glass pane.



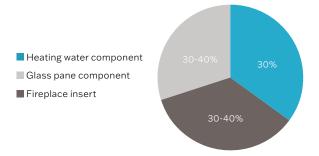
Waterbearing fireplace corner 45/67/44

DISTRIBUTION OF USABLE HEAT OUTPUT

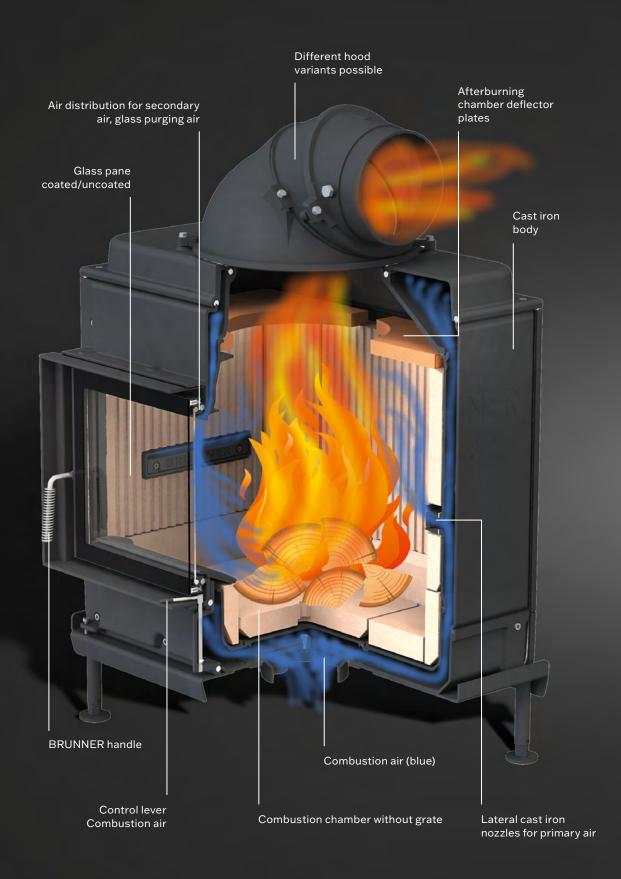


BKH flat 42-66 with boiler module

Instead of a boiler body, a boiler module is mounted on top of the fireplace. The boiler module, with smooth-walled and vertically arranged heat  $\,$ exchanger tubes, is highly flow-optimized. This standard version can be added to nearly all flat, tunnel, and corner fireplaces.



DISTRIBUTION OF USABLE HEAT OUTPUT



#### CONSTRUCTION OF A TILED STOVE

#### TILED STOVE

#### STORES THE HEAT FOR HOURS

Tiled stoves use the high heat storage capacity of cast iron to release pleasant radiant heat over a long period of time. Through ceramic or cast iron storage masses, the tiled stove emits heat as comfortable radiant heat for hours. In addition to classic storage heat, there are also water-bearing boiler units that can additionally support the central heating system.

Sustainable & efficient: Once heated, the tiled stove releases heat for many hours.

Perfect for: Residential homes where even, long-lasting warmth is desired optionally with heating support through water-bearing systems.

CHARACTERISTIC	TILED STOVE		
HEATING TYPE	Radiant heat & heat storage		
MATERIAL	Cast iron		
STORAGE MASS	High		
HEATING TIME	Medium		
HEAT DURATION	Long		
EFFICIENCY	Very high		
AMBIENCE & FIRE VISIBILITY	High to medium (depending on glass dimension)		
SPECIAL FEATURE	Efficient heat for hours		
SUITABLE FOR	Regular heating, pleasant radiant heat		

#### MASSIVE CAST IRON

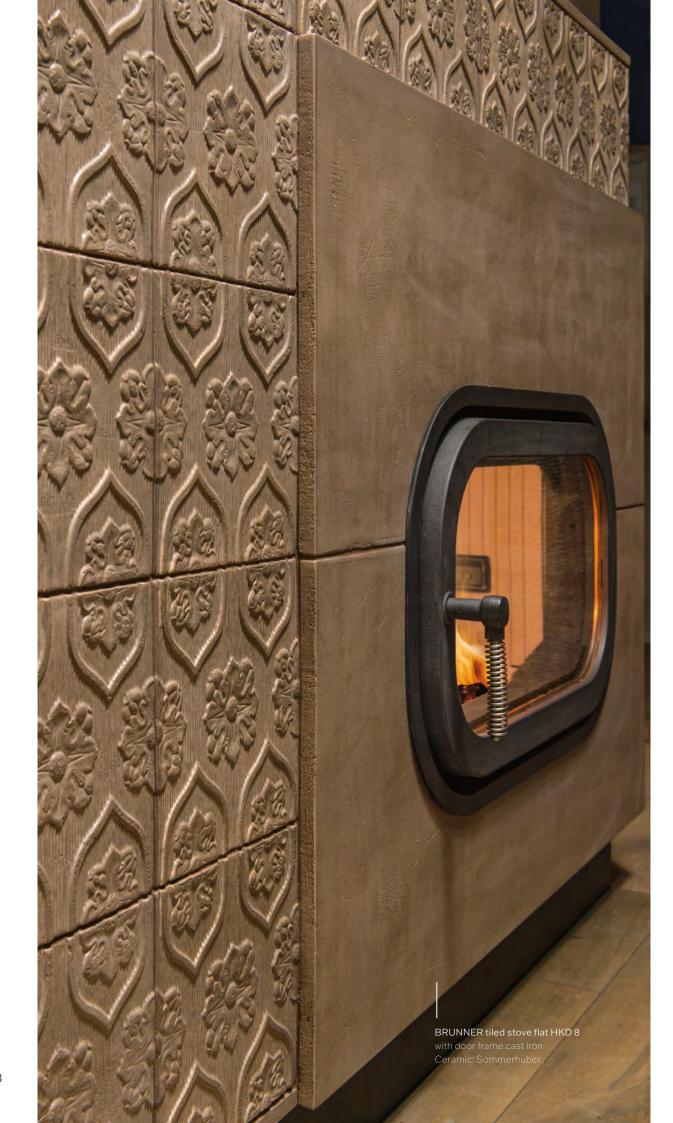
#### FOR THE TILED STOVE

Of course, it is more complex to produce the tiled stove insert from cast iron, the most durable material in heating technology. A nearly stress- and distortion-free combustion chamber construction that not only withstands high thermal loads but also provides a solution that guarantees operational reliability for decades. Issues such as the formation of slag, which occur with simple steel sheets and limit the service life are not a problem for cast iron.



MADE IN GERMANY.





#### FRAME VARIANTS

#### FOR A PERFECT CONNECTION TO THE SURROUNDING

BRUNNER offers three frame solutions for connecting to the sourrounding for tiled stove inserts, depending on the model: the door frame made of cast iron or steel, which sits visibly on the surface and forms a clear frame around the fire, or the mounting frame, which is almost integrated into the cladding, making the door appear almost frameless. For steel, you can choose between stainless steel and black painted steel.



MOUNTING FRAME STEEL



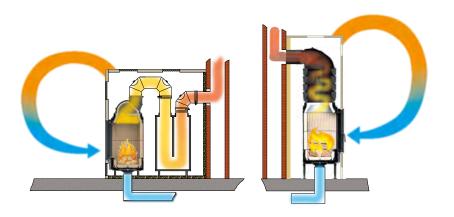
DOOR FRAME STEEL

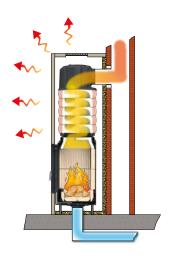


DOOR FRAME CAST IRON

FRAME	HKD 2.2 HKD 2.2 K HKD 2.2 XL	HKD 2.6	HKD 4.1 HKD 5.1	HKD 6.1	HKD 7/8/12 HKD 11 HKD 13
MOUNTING FRAME STEEL	black/ stainless steel	-	black/ stainless steel	-	black
DOOR FRAME STEEL	black/ stainless steel	black/ stainless steel	black/ stainless steel	black/ stainless steel	black
DOOR FRAME CAST IRON	-	black	black	black	-

#### I STOVE SYSTEMS





#### HOT AIR CONVECTION

#### The "fast reacting stove"

With warm air it is possible to supply a lot of heat into the surrounding room in shortest time. This can be used, when high heating power (> 4 kW) is required: in old buildings or rooms of large dimensions, for example.

Ambient air streams around the stove insert and the surface of additional metallic heat exchanger, it gets warm very quickly, and is returned to the living spaces via ventilation openings or warm airducts. Accordingly, the power peaks are high only during combustion, because "heat storage mass" is present only in form of tiled stove cladding. After combustion ends, the heat supply is significantly decreased. The stove is cooling down.

This solution is ideal when quick, comfortable warmth is desired, but long-lasting heat is not required.



#### HEAT ACCUMULATION

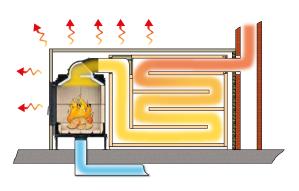
#### The "slow reacting stove"

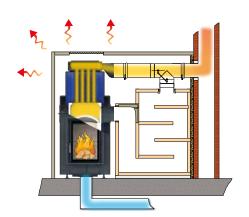
The most pleasant form of heat is the slow thermal radiation of a tiled stove. The concept of radiant heat is used particularly when a relatively small, long-lasting and uniform heating power is required. In accumulation stoves, the heat is stored in a heavy (300-600 kg) ceramic accumulation block, and then released slowly through the tiled stove surface. This eliminates the high power peaks and excessive room temperature variations.

Depending on the weight of storage mass, tiled stoves will need a longer time for heating up. After combustion ends, the hot storage mass provides the required heating inside the room.

This solution provides comfortable radiant heat and impresses with long storage times for lasting warmth and comfort.







#### Handcrafted heat storage mass

The handcrafted storage mass represents the most traditional form of heat storage. Rectangular combustion gas ducts are built from individually assembled fireclay bricks or plates in order to create a ceramic duct system. This allows for absorbing heat from the combustion gases, to store it and then release it again through the tiled stove surface.

This solution provides comfortable radiant heat and excels with long storage times for sustained warmth and comfort.



#### HOT WATER SUPPLY

A completely different type of heat storage is possible, when the fireplace or stove insert is combined with a water boiler. This includes topmount heat exchangers or a water jacket - or both combined in a boiler unit. In case of all water-bearing stoves, the space around the stove is heated mostly through direct heat dissipation. The surplus of heat during combustion is used for water heating; the hot water is fed into a buffer tank and distributed through the central heating system according to current needs.

This solution generates heating water, supports the central heating system, and provides long-lasting warmth throughout the entire house.



#### HOT WATER SUPPORT

#### FOR TILED STOVES

Waterbearing stoves combine cozy radiant heat with a smart heating solution for the entire building. While the stove provides pleasant warmth to the installation room, the integrated water heat exchanger supports the central heating system.

The waterbearing stove is precisely tailored to the home's heating concept. Depending on the needs, the focus can be placed more on boiler output or radiant heat. This ensures there's a solution for every home and every heating situation – from high-output systems that support the entire heating network to compact models that primarily warm the living space comfortably.







HIGH BOILER POWER

MEDIUM BOILER POWER

SMALL BOILER POWER

with variable boiler share, when the primary function of the tiled stove is to support the heating system of the building.

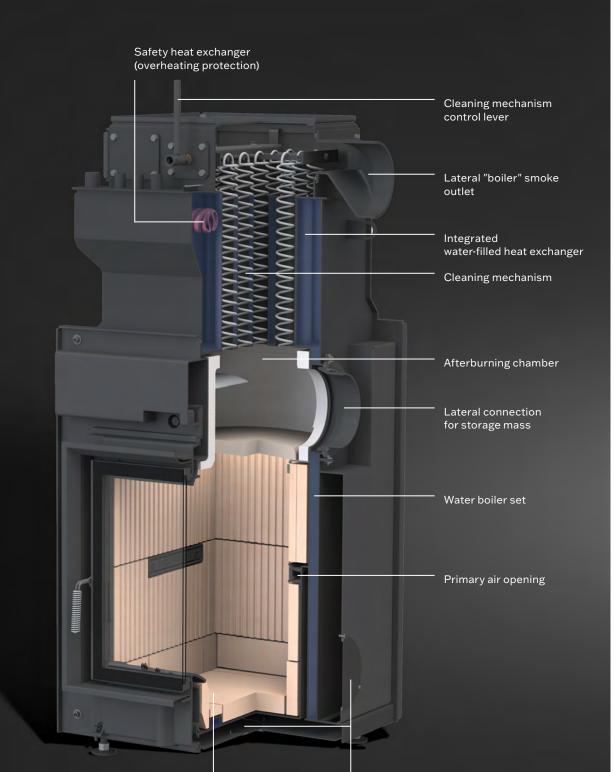
with fixed boiler power, for compact tiled stoves.

when the primary function is to provide radiant heat in the place of installation, or when old stove inserts are replaced with new ones.

"SK" waterbearing stove + switchable storage mass

Compact waterbearing stove + small storage mass

Compact waterbearing stove + big storage mass



Combustion chamber

Connections for combustion air piping

CUT OF A "SK" WATERBEARING STOVE

### PRINCIPLE OF "SK" WATERBEARING STOVES

#### HIGH BOILER POWER WITH TILED STOVE EFFECT

Using a switching valve (the Moritz's flap) installed before chimney entry it is possible to direct the stream of combustion gases from the firebox into the waterfilled heat exchanger, or through a ceramic storage mass. With this simple trick it is easy to determine the share or distribution of heat.

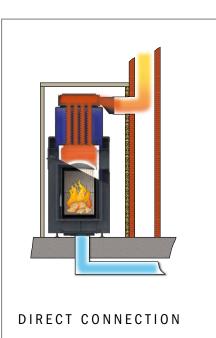
If only water for heating purposes and a compact stove design are desired, the "SK" waterbearing stoves with cleaning mechanism are connected directly to the chimney. The immediate heat output into the room is through the sight glass. After combustion ends, the stored heat is returned via stove cladding as pleasant radiant heat.

#### VARIABLE

BOILER MODE

ACCUMULATION MODE

#### SPACE-SAVING



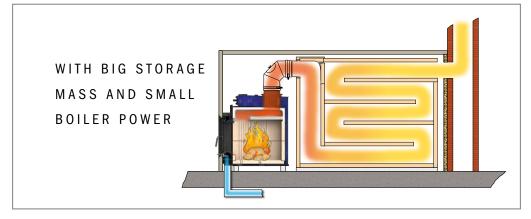
## PRINCIPLE OF A COMPACT WATERBEARING STOVE

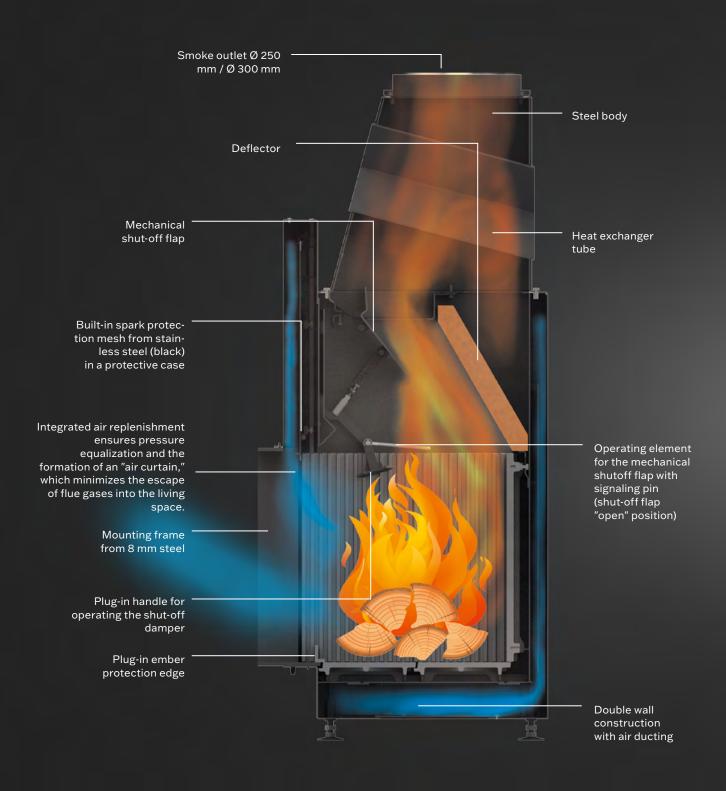
#### TILED STOVE WITH BOILER SHARE

Heating insert, boiler case and ceramic storage mass on smallest floor area. We have deliberately avoided combustion gas flaps and big switchable heat exchangers, which are typical for the "SK" waterbearing stoves.

The compact waterbearing stove dimensions allow for space-saving stove design with a fixed water heating share.







#### CONSTRUCTION OF AN OPEN FIREPLACE

#### OPEN FIREPLACES

#### MAXIMUM FIRE EXPERIENCE,

#### MINIMAL HEAT OUTPUT

For those who want to experience fire in its purest form: the open fireplace brings true campfire vibes into your home – no glass pane, direct and unfiltered. The warmth is felt instantly, and the crackling wood creates an ambience like no other.

Here, the fire takes center stage in all its sensory glory. You can smell the wood, hear the crackling flames, and feel the direct radiant heat – an experience that goes far beyond mere warmth. However, this fireplace is primarily about atmosphere. Without any heat storage and with low efficiency, it only provides warmth as long as the fire is burning. For those seeking pure fire enjoyment and an unrestricted view of the flames, this is the perfect solution.

Ideal for occasional fires and an ambiance with genuine, unfiltered fire enjoyment!

CHARACTERISTIC	OPEN FIREPLACE
HEATING TYPE	Open fire, minimal heating output
MATERIAL	Steel
STORAGE MASS	Low
HEATING TIME	Instant warm, but cools quickly
HEAT DURATION	Only as long as the fire burns
EFFICIENCY	Very low
AMBIENCE & FIRE VISIBILITY	Maximum fire experience
SPECIAL FEATURE	Decoration, minimal heating output
SUITABLE FOR	Occasional fires & atmosphere

#### THE POSSIBILITIES

#### OF THE FIRE CHAMBER

The combustion chamber can optionally be effectively enlarged as an additional design feature by removing the cast-iron combustion chamber protection plates. For this purpose, BRUNNER offers custom mounting frames made of high-quality 8 mm steel profiles. The construction is rounded off with small but important details, such as a signal pin that indicates whether the shut-off damper is open or closed.

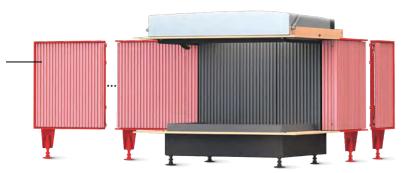
The mounting frames can be extended as a modular system as needed.



Modular lined combustion chamber made of cast iron.

The floor panels and fire protection plates follow a 220 mm grid system.

The combustion chamber extension.
The continuation of the mounting frame is either aligned in a straight line (flat models) or alternatively angled at 90° (Panorama models).





# TECHNICAL DATA

DETAILS FOR HANDCRAFTMEN

## PANORAMA

	MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
	Fireplace BKH Panorama 45-45-45	a 1,5-3	25-33	45x45x45 Lifting door	-	
	Fireplace BKH Panorama 45-65-45-65	a 1,5 - 4	33-50	45×45×65 Lifting door	-	
3	Fireplace BKH Panorama 45-80-45-80	a 2,5-5	33-50	45×45×80 Lifting door	-	
	Fireplace BKF Panorama 45-35-60-35	a 2,5-5	33-50	45×60×35 Lifting door	-	
	Fireplace BKF Panorama 45-35-90-35	a 2,5-5	33-50	45x90x35 Lifting door	-	
	Fireplace BKH Panorama 45-35-120-35	a 3-5	33-50	45×120×35 Lifting door	-	



MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
Fireplace BKI Corner 42-42-4	15-3	25-33	42×42×42 Side-opening door	with boiler module 30%	
Fireplace BKI Corner 42-66-4	7-4	25-33	42x66x42 Lifting door/ Side-opening door	with boiler module 30%	
Fireplace BKI Corner 42-98-4	ソカ-カ	33-50	45x98x42 Lifting door	with boiler module 30%	
Fireplace BKI Corner 50-82-4	2 カーカ	33-50	50x82x42 Lifting door	with boiler module 30%	
Fireplace Corne 42/57/30	2-3	25-33	42×56×29 Side-opening door	55	
Fireplace Corne Architektu 45/67/4	ır 2-3,5	33-50	42×66×42 Lifting door	55	
Tiled stove Corner HKD 1	4-8	33-50	35×65×35 Side-opening door	-	
Tiled stov Corner HKD 1:	3-5	33-50	43x43x43 Side-opening door	with boiler module 30%	

MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
Fireplace BK Tunnel 42-5		25-33	42×50 Lifting door/ Side-opening door	with boiler module 30%	
Fireplace BKI Tunnel 42-6		25-33	42×66 Lifting door/ Side-opening door	with boiler module 30%	
Fireplace BKI Tunnel 42-9		33-50	42×98 Lifting door	with boiler module 30%	
Fireplace BK Tunnel 50-8	ソカ-5	33-50	50×82 Lifting door	with boiler module 30%	
Fireplace BK Tunnel 50-9		33-50	50×98 Lifting door	with boiler module 30%	
Fireplace BK Tunnel 50-16	4-8	33-100	50 x 162 Lifting door	-	
Tiled stov Tunnel HKD	4-8	33-50	35×65 Side-opening door	-	
Tiled stov Tunnel HKD 7 S	3-8	33-50	35×65 Side-opening door	40-60	
Tiled stov Tunnel HKD	/ - Q	33-50	39×68 Side-opening door	-	
Tiled stov Tunnel HKD 1	4-8	33-50	45×65 Side-opening door	-	
Tiled stov Tunnel HKD 2.	25-4	25-33	52x37 Side-opening door	with boiler module 30%	0) P0 32 44 0 2 5.

	MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
	Tiled stove Tunno HKD 2.2 X	3-8	33-50	52×37 Side-opening door	-	
N E	Tiled stove Tunni HKD 2.2 S	3-8	33	52×37 Side-opening door	30 - 70	
N	Tiled stove Tunni HKD 2.2 XL SK/	3-8	33-50	52×37 Side-opening door	25 - 65	

6	y	

MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
Fireplace BKF flat 42-42		25-33	42x42 Side-opening door	with boiler module 30%	
Fireplace BKF flat 42-50	7-4	25-33	42x50  Lifting door/ Side-opening door	with boiler module 30%	
Fireplace BKH flat 42-66	7-4	25-33	42×66 Lifting door/ Side-opening door	with boiler module 30%	
Fireplace BKF flat 42-98	ソカ-5	33-50	42×98 Lifting door	with boiler module 30%	
Fireplace BKF flat 50-82	2 カーカ	33-50	50×82 Lifting door	with boiler module 30%	
Fireplace BKF flat 50-98	25-5	25-33	50×98 Lifting door	with boiler module 30%	
Fireplace BKF flat 50-162	4-8	33-100	50×98 Lifting door	-	
Fireplace Sti flat 53/88	2.5-4	33-50	50×85 Lifting door	with boiler module 30%	
Fireplace Sti flat 62/76	Z-D-4	33-50	59×66 Lifting door	with boiler module 30%	
Fireplace Sti flat 75/90		33-50	65x87 Lifting door	with boiler module 30%	
Tiled stove flat HKD 13	/ - Q	33-50	45×65 Side-opening door	-	

MODEL		FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
	Tiled stove flat HKD 7	4-8	33-50	35×65 Side-opening door	-	
	Tiled stove flat HKD 8		33-50	39×68 Side-opening door	-	
f	Tiled stove lat HKD 2.2	25-4	25-33	52×37 Side-opening door	with boiler module 30%	
fla	Tiled stove at HKD 2.2k	15-25	25-33	52×37 Side-opening door	-	
	d stove flat HKD 2.2 XL	3-8	33-50	52×37 Side-opening door	-	
7.00	Tiled stove flat HKD 4.1	3 5 - /	33-50	44x33 Side-opening door	-	
f	Tiled stove lat HKD 2.6	25-1	25-33	38×27 Side-opening door	-	
fla	Tiled stove at HKD 2.6k	15-25	25-33	38×27 Side-opening door	-	
	Drehfeuer	1,5 - 2,5	25-33	50×50 Side-opening door	-	

### FLAT

	MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
	Tiled stove flat waterbearing HKD 2.2 SK	g 3,5-8	33	52×37 Side-opening door	30-70	
	Tiled stove flat waterbearing HKD 2.2k Sk	g 2,5-5	25-33	52×37 Side-opening door	65-70	
	Tiled stove flar waterbearing HKD 2.2 XL SK/h	g 3-8	33-50	52×37 Side-opening door	25-70	
0	Tiled stove flat waterbearing HKD 2.6k Sk	g 2,5-5	25-33	38×27 Side-opening door	65-70	
	Tiled stove flat HKD 5.	3-6	25-33	44×33 Side-opening door	with boiler module 30%	
	Tiled stove flat HKD 6.	3-6	25-33	38×27 Side-opening door	-	
A	Tiled stove flat waterbearing HKD 7 SK	g 3-8	33-50	35×65 Side-opening door	40-60	
	Compact boiler flat waterbearing B4	5-10	50	44x33 Side-opening door	55	
	Compact boiler flat waterbearing B7	≺-h	33	38×27 Side-opening door	33	
	Compact boiler flat waterbearing B8		50	38×27 Side-opening door	33	
	Compact boiler flat waterbearing BS		33-50	36×27 Side-opening door	30-65	



MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
Tiled stove Round HKD 2.2 r	2,5-4	25-33	52×37 Side-opening door	-	
Tiled stove Round HKD 2.2 r k	1,5 - 2,5	25-33	52×37 Side-opening door	-	
Tiled stove Round HKD 2.2 XL	3-8	33-50	52×37 Side-opening door	-	
Tiled stove Round HKD 2.2 r SK	3-8	33	52×37 Side-opening door	30-70	
Tiled stove Round HKD 2.2 r k SK	2,5-5	25-33	52×37 Side-opening door	65-70	
Tiled stove Round HKD 2.2 XL SK/h	3-8	33-50	52×37 Side-opening door	25-70	

#### OPEN

MODEL	FILL AMOUNT (kg)	LOG LENGTH (cm)	DOOR FORMAT (cm)	WATER SHARE (%)	DETAILS
Open Fireplace Flat Urfeuer® 50-66	2-4	33-50	49×65	-	
Open Fireplace Flat Urfeuer® Küchenkamin 50-66	2-4	33-50	49×65	-	
Open Fireplace Flat Urfeuer® 50-88	2-4	33-50	49×87	-	
Open Fireplace Flat Urfeuer® 50-110	2-5	33-50	49×109	-	
Open Fireplace Panorama Urfeuer® 50-44-66-44	2-4	33-50	49×82×43	-	
Open Fireplace Panorama Urfeuer® 50-44-88-44	2-5	33-50	49×104×43	-	
Open Fireplace 4free 70 Urfeuer®		33-50	50 x 74 x 74	-	

#### CONTROLS



Electronic combustion control EAS





Electronic stove control EOS





Depression safety cut-off switch USA



#### IMPRESSUM

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