Fireplace inserts

I have always been fascinated by the warmth, comfort and security of a crackling wood fire. I am passionate about providing outstanding fireplaces with the very highest levels of technology and innovation.

And because the shimmering flames of a wood fire are at the heart of and unique fireplace architecture.

At Spartherm, for more than 30 years we have been driven by a burning ambition to combine the fascination of fire with modern living.

Please accept our warmest welcome

Gerhard Manfred Rokossa
Founder and director.

Contents

My fireplace, designed just for me.

EXCELLENCE IS THE SUM OF ITS PARTS.
The choice of a new wood fire for your home rests on many factors; with our fireplace inserts we provide you with the perfect solution. Do you want a wood fire that compliments a modern, minimalistic interior? Or is your taste more traditional, preferring the cosiness and warmth of a rustic style of fire? Should the fireplace be inserted in a wall, or would it be better placed freestanding in the room? And what should the heat output be in order to heat your room to full effect?

We can offer you multiple solutions, either from our standard product range or tailored to your exact requirements.

No stone is left unturned to provide you with the perfect wood fire, we want you to have the best possible fireplace experience.
The most impressive things about our wood fire inserts are in the details. We use the very finest glass for our vertically sliding doors. And the combustion technology that we have developed is efficient, effective and sustainable.

This brochure represents just a small selection of our comprehensive range. Visit our website for the complete picture.

Movie: **Premium**Edition

Perfect fireplace solutions.

OUR PASSION is creating masterpieces with fire. That's why we are known as "The Fire Company".

That's why we refuse to compromise and we develop our fireplace inserts to the highest demands of quality and technical perfection.

Spartherm fireplace inserts have been known for their innovative and aesthetic solutions for many years. Our prime objective is to support every possible design idea and every creative aspiration. With our knowledge and experience, we ensure that our inserts are the very best of fireplace design and technology.

Reliable, durable and sustainable; our high-quality standards mean we make no concessions when striving for the best technical and design solutions. Spartherm fireplace inserts are unique, but don't just take our word for it, look for yourself.

"I love
strong and
expressive
shapes."

FLAT PANE

Clean lines,
without any corners or edges.

Whether your preference is for a portrait or landscape, framed or frameless fire, we have a wide selection of models in a multiple choice of dimensions, giving you total control over the design. The clean styling of a front view fireplace insert impresses with its simplicity and elegance.

Varia AS

My Style. So many collector's items gathered and decorated with care. The beautiful fire is the highlight of this cozy room.

TECHNICAL FEATURES

Nominal heat output: 7 kW · **Door function:** elevating · **Energy efficiency class:** A+

Optional version: DIBt inspected · See page 94 for technical details

Installation dimension:

378

755

Varia 1V-87h

Straight lines radiate calm. The fire glow of the panorama fireplace fills the entire room with warmth for your relaxed evening.

TECHNICAL FEATURES

Nominal heat output: 9.5 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 93 for technical details

Installation dimension:

528

949

Varia 1V

Expressive. Wood is the prevailing material here, placed impressively besides the dominating position of the fireplace.

TECHNICAL FEATURES

Nominal heat output: 11 kW · **Door function:** hinged · **Energy efficiency class:** A+

Optional version: H$_2$O, DIBt inspected · See page 93 for technical details

Installation dimension:
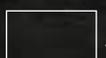
518/572

680

Varia Ah

Attractive frame. It looks like a painting: the fire blazes away in the centre of the elegant and accentuated frame.

Mini Sh

The blue hour. When twilight is setting in, the birds are singing their evensong and it is time to relax, what could be more beautiful than sitting outside and enjoying the cosy warmth of a fireplace?

TECHNICAL FEATURES

Nominal heat output: 7.0 kW · **Door function: elevating** · **Energy efficiency class:** A

Optional version: DIBt inspected · See page 93 for technical details

Installation dimension:

514

676

Varia B-120h

Pure pleasure. The generous width of the view pane provides an impressive stage for the interplay of the flames, brought to life by the reduced and purist design.

TECHNICAL FEATURES

Nominal heat output: 15 kW · **Door function:** elevating · **Energy efficiency class:** A

See page 94 for technical details

Installation dimension:

523

1280

"The best
way to start
the day."

For room dividing walls and other impressive architectural features

The best tunnel wood fires are inspirational choices for home heating, design and construction. They are unique room dividing devices that provide warmth, comfort and visual appeal to two rooms simultaneously. And they are an energy efficient way of heating the home. When combined with special Spartherm features such as vertically sliding doors and the ability to heat the domestic water supply, they represent the ultimate in wood fire luxury.

Varia AS-FDh

A stylish presence.
This room divider is a visual highlight but never over-whelming. It is perfect for enjoying relaxing hours on your couch in front of the fire or at your dining table.

TECHNICAL FEATURES

Nominal heat output: 7 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 95 for technical details

Installation dimension:

371

850

Varia FDh

Taking wood fire design to a higher level. In this remarkable loft conversion, the tunnel wood fire set into the room divider makes an attractive barrier between the entrance area and the living room, with the fire providing warmth and atmosphere to both areas.

TECHNICAL FEATURES

Nominal heat output: 11.6 kW · **Door function:** elevating · **Energy efficiency class:** A+

Optional version: H$_2$O water heating model · See page 95 for technical details

Installation dimension:

514/574

745

"A fireplace
at the heart of
any home."

Fires that offer flexible design and efficient performance.

Corner wood fires can be installed facing to the left or right depending on the room configuration. They are ideal for open plan living, such as kitchen and family areas or sitting and dining areas. Wherever you are, you can experience the beauty of the wood fire from both angles.
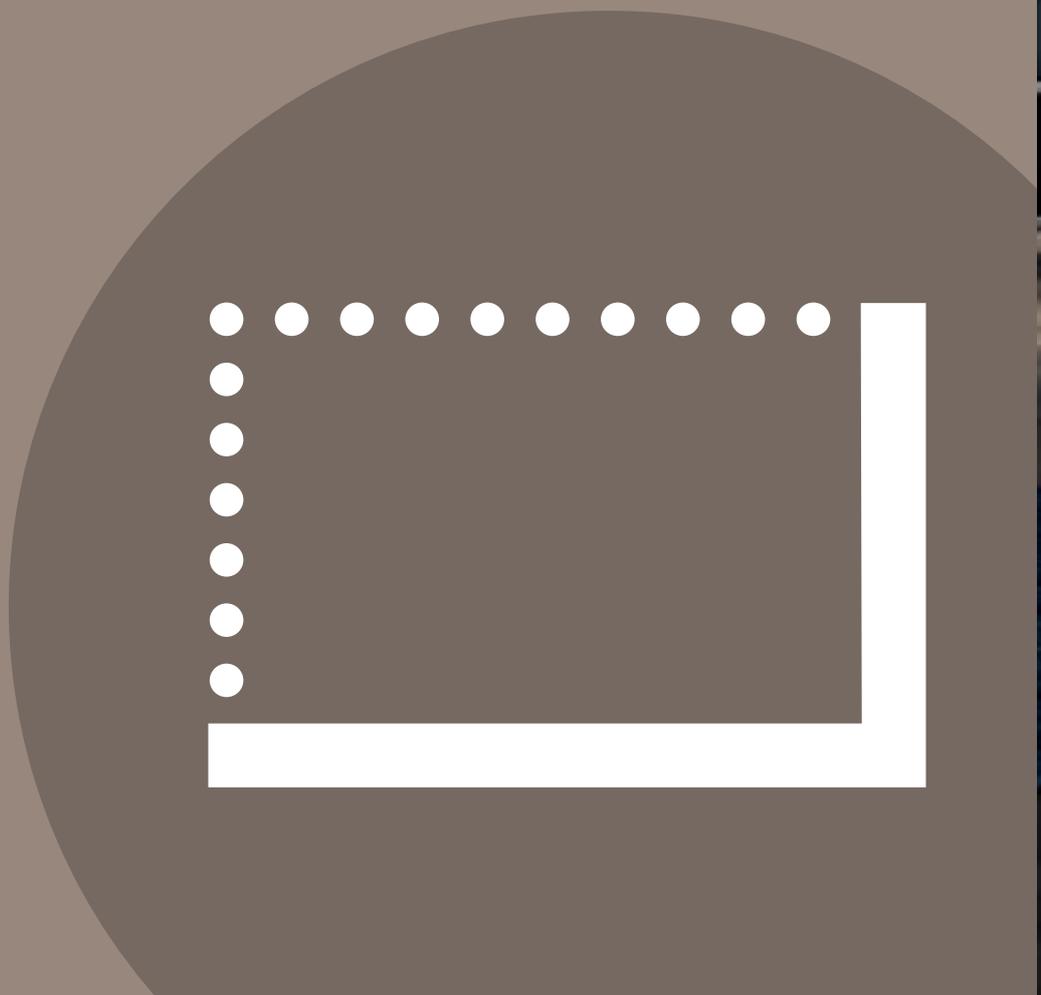
Varia 2Rh

A classical corner fireplace.
This marbled pillar is built to the full height of the room and incorporates the compact yet commanding 2-sided wood fire, making a striking classical feature.

TECHNICAL FEATURES

Nominal heat output: 11 kW · **Door function:** elevating · **Energy efficiency class:** A+

Optional version: H_2O water heating fire · See page 96 for technical details

Installation dimension: 512 / 572
516
735

Varia 2L-68h

Elegance around the corner. An eye-catcher from two sides. The room is used perfectly and creates a cosy atmosphere. Ideal for open living spaces with living-dining areas.

TECHNICAL FEATURES

Nominal heat output: 9.6 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 96 for technical details

Installation dimension:

460

735

501
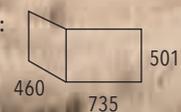
Varia AS-2Lh

A corner wood fire for all occasions. This impressive space divider with integrated 2-sided wood fire and log storage serves three areas: the kitchen and breakfast bar, the dining area and the living room.

TECHNICAL FEATURES

Nominal heat output: 7 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 96 for technical details

Installation dimension:

370

412

784

Varia 2Lh

Versatile design and execution. This corner wood fire has been incorporated into an attractive tiled room feature. It includes a versatile shelving recess for log storage where the lighting reflects the warm glow of the fire.

TECHNICAL FEATURES

Nominal heat output: 11 kW · **Door function:** elevating · **Energy efficiency class:** A+

Optional version: H$_2$O water heating fire · See page 96 for technical details

Installation dimension:

512/572

516   735

Varia 2R-80h

How to transform an existing chimney. This fireplace conversion makes creative use of the corner wood fire to transform the existing structure into a stunning focal point, complete with matching skirting board.

TECHNICAL FEATURES

Nominal heat output: 10.4 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 97 for technical details

Installation dimension: 514 856 466

Varia 2R-62

How to transform an existing chimney. This fireplace conversion makes creative use of the corner wood fire to transform the existing structure into a stunning focal point, complete with matching skirting board.

TECHNICAL FEATURES

Nominal heat output: 6.9 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 96 for technical details

Installation dimension:

449
589 384

Mini 2L

A corner fire that punches above its weight. This small but powerful corner wood fire looks inspiring when built into a contemporary false chimneybreast with ample wood storage. A real artistic gem.

38
39

Arte 2LRh-66

A creative solution for modern living. This graceful, portrait-shaped, corner wood fire is a creative solution for dividing a kitchen and family room. The fitted bench invites you to linger and relax in the warm and inviting space.

TECHNICAL FEATURES

Nominal heat output: 6.4 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 97 for technical details

Installation dimension: 663
413
413

TECHNICAL FEATURES

Nominal heat output: 7 kW · **Door function:** elevating · **Energy efficiency class:** A+
Optional version: H$_2$O water heating fire, DIBt inspected · See page 96 for technical details

Installation dimension:

514
442
634

Varia 2R-55h

The corner solution for cold winter days. This classic wood fire provides equal visual appeal when viewed from anywhere in the room. The creative fireplace conversion incorporates plenty of log storage without intruding on the living space.

"My favourite time, relaxing next to a real wood fire."

Fireplace inserts with glorious panoramic vision.

3-sided wood fire inserts provide a glorious panoramic view of the beautiful flames and bathe the whole room in a comforting glow. They come in a range of sizes and heat outputs and are suitable for larger rooms and open plan living spaces.

44
45

Arte U-70h

A charming view. This room divider offers a clear view of the log fire from three sides and blurs the divisions between kitchen, dining room and haven of relaxation

TECHNICAL FEATURES

Nominal heat output: 11.4 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 97 for technical details

Installation dimension:

507

515   717

Arte 3RL-100h

A beautifully appointed 3-sided fireplace.
This exquisitely crafted model is cleverly recessed into a
false chimneybreast, whilst resting on a solid and stylish
hearth for maximum impact.

TECHNICAL FEATURES

Nominal heat output: 11 kW · **Door function:** elevating · **Energy efficiency class:** A

See page 98 for technical details

Installation dimension:

570

1006   450

Arte U-50h

A 3-sided fireplace with depth and sophistication.
The unusual U-shape of this unique wood fire makes it ideal for installation into a room dividing wall, which can also incorporate plentiful log storage space.

TECHNICAL FEATURES

Nominal heat output: 9.3 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 97 for technical details

Installation dimension:

507
515
517

Arte U-90h

A stunning fire in a glass case. The generous proportions of this deep and handsome 3-sided wood fire make it an inspiring feature in any living space, underpinned by the sleek tiled hearth.

TECHNICAL FEATURES

Nominal heat output: 13 kW · **Door function:** elevating · **Energy efficiency class:** A

See page 97 for technical details

Installation dimension: 544 562 912
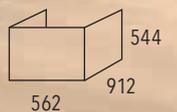
Varia AS-3RLh

So beautiful it suspends belief. This deceptively expansive 3-sided wood fire has been cleverly suspended in a floating construction that brings out the best of the impressive features.

TECHNICAL FEATURES

Nominal heat output: 8.4 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 97 for technical details

Installation dimension:

400

390

736

Varia C-45h

A small but perfectly formed 3-sided fireplace. This compact, 3-sided wood fireplace insert is skilfully recessed into an exquisitely marbled false chimneybreast, bringing its lovely flame picture into sharp relief.

TECHNICAL FEATURES

Nominal heat output: 8 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 97 for technical details

Installation dimension:

528

510   190

Varia Ch

An understated but captivating 3-sided fireplace. This well-proportioned 3-sided insert fireplace sits discreetly inside its beautifully constructed cover and makes a pleasant contrast with its rustic brick backdrop.

TECHNICAL FEATURES

Nominal heat output: 9 kW · **Door function:** elevating · **Energy efficiency class:** A

See page 97 for technical details

Installation dimension: 526 · 651 · 312

"Happy all around: me, with my new fireplace."

Beautifully designed with all round vision.

Curved window fireplace inserts combine style and function in an ergonomically attractive way. They introduce beautiful curves as a design feature in the home and provide all round vision, warmth and energy efficiency at the same time.
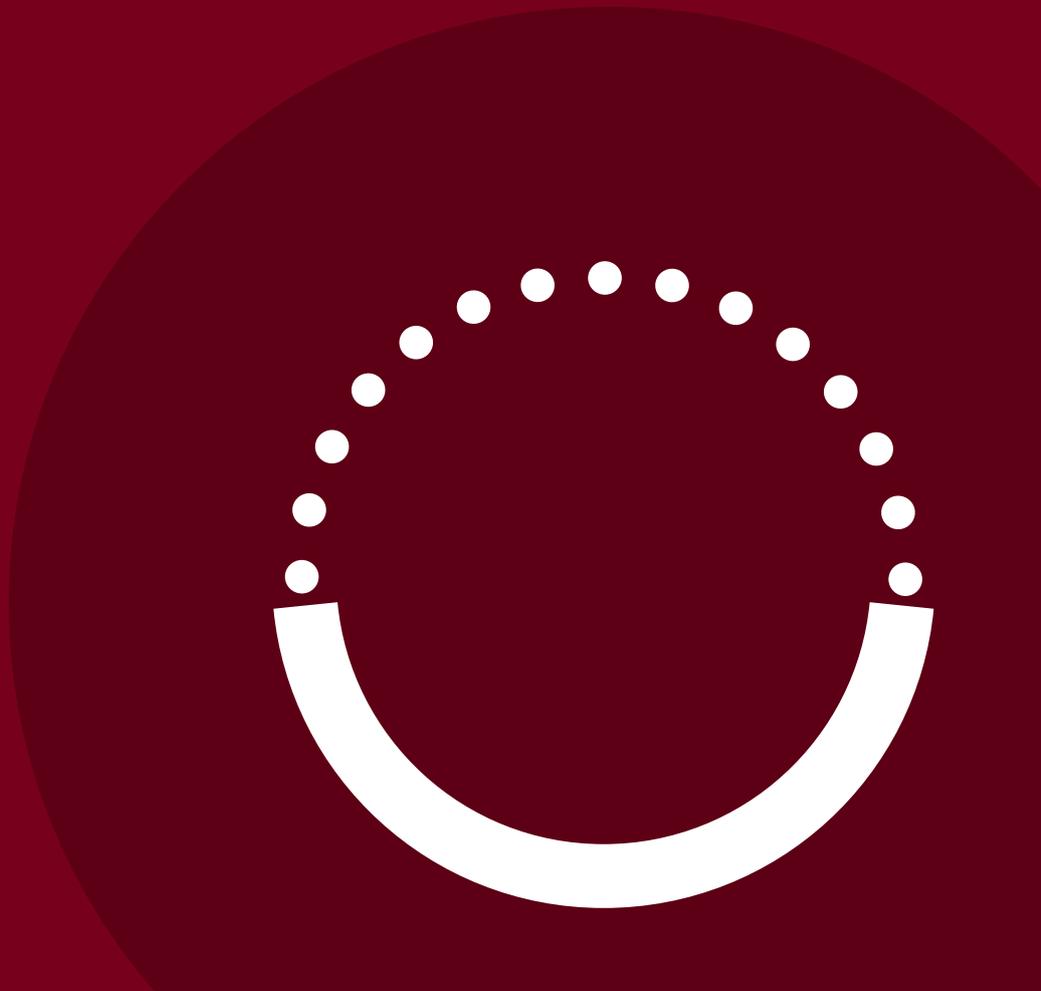
Speedy Ph

A study in classical elegance. The gentle curves of this immaculate wood fire are combined with a classic rounded fireplace and hearth to make a dramatic statement in such a gorgeous living room.

TECHNICAL FEATURES

Nominal heat output: 7 kW · **Door function:** elevating · **Energy efficiency class:** A+

Installation dimension: 570

523

Magic

An enchanting fireplace creation.
This exquisitely rounded fireplace insert has been incorporated into a unique room dividing structure with sweeping curves that compliment the magical appeal of the fire.

TECHNICAL FEATURES

Nominal heat output: 12 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 98 for technical details

Installation dimension:

578

750

Fireplace inserts that combine contemporary design with high technical standards.

Spartherm Linear fireplaces are created with intelligent design combined with the very latest innovations in fireplace technology, resulting in fires that are superior in every respect.

We use the finest and most stringently tested materials such as heat resistant glass and fire clay interior linings, whilst components such as door handles are made from high quality stainless steel.

Every detail is carefully thought through in order to achieve safety and simplicity of operation and provide years of comfort and pleasure.

In addition, we have developed smart and useful accessories. These include the S-Thermatik NEO combustion control for fully efficient combustion and our exclusive smartphone or tablet app, which enables effortless control over the fire from the comfort of your armchair.

Quality that you can rely on, all day and every day.

Attachments for the flue gas connection

Attachments for the flue gas connection
Many options: Optional air or water-based heat exchanger, heat storage stones, flat flue gas connections, airbox for the reduction of particulate matter, draft control

Accessories for ideal combustion

S-Thermatik NEO,
S-Kamatik (draft control),
S-ESAM 3.0 (from 11/2020)
(remote-controlled window pane lift),
S-USI II (vacuum monitor)
balanced flue operation)

Diversity of pane shapes

Intelligent and robust technology, designed in multiple parts so as to be accessible for pane cleaning. This is the case for all of our appliances.
Highly heat-resistant glass ceramics

Choice of fireplace insert designs

Front, tunnel, 2 and 3-sided and circular view

Concealed opening/closing mechanism

Carefully concealed locking mechanism of the hinged side windows.

Air-wash system for windows

Pre-heated combustion air keeps windows clean

Door equipment

Distortion-free door profile, robust door seals and automatic contact pressure frame

Combustion air

In the combustion chamber ensures low-emissions and efficient combustion

Combustion chamber lining

Made from heat-resistant fire clay in ivory or anthracite colour finishes.

Cold touch handle

Skilfully designed in stainless steel

Hinged ash grate

Made from high quality casting materials

Actuating lever

For control of the combustion air. Cleverly designed and discreetly located for ease of use.

Fireplace inserts with external air connection (RLU)

We offer many fireplace inserts that have external air connections. This makes them compatible with domestic ventilation systems and passive houses. They are also suitable for distributing warm air to multiple rooms around the home.
All models have been inspected by the German Institute for Structural Engineering (DIBt). You can find a list of them with elevating or hinged doors from page 101.

"I design my fireplace inserts with attention to every detail."

The pinnacle of wood fire perfection.

Spartherm **Premium**Edition is a selection of fireplace inserts that represents the very highest standards of fireplace design and technology. That is why they have won numerous prestigious design awards and are the jewel in the crown of the Spartherm range.

GERMAN DESIGN AWARD NOMINEE 2018

german brand award 18 nominee

62

63
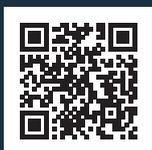
Movie:
PremiumEdition

PE

Premium A-U-70h

A 3-sided work of art. The beauty of this stunning 3-sided fireplace insert is enhanced by having no visible frames or functioning parts, just pure fire in all its glory.

TECHNICAL FEATURES

Nominal heat output: 11.4 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 92 for technical details

Installation dimension:

501
829
675

TECHNICAL FEATURES

Nominal heat output: 9.5 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 92 for technical details

Installation dimension:

501

888

Premium V-1V-87h

Perfection is when you can't leave anything out.
We are very close to that. Fireplace in perfection.

Premium A-3RL-80h

Clean lines with panoramic vision. This technically superior 3-sided fireplace with its seamless view of the flames looks stunning against a backdrop of nature in all its splendour.

TECHNICAL FEATURES

Nominal heat output: 11.4 kW · **Door function:** elevating · **Energy efficiency class:** A+
See page 93 for technical details

Installation dimension:
972
506
501

TECHNICAL FEATURES

Nominal heat output: 10.6 kW · **Door function:** elevating · **Energy efficiency class:** A+

Installation dimension:
501
888

Premium V-FD-87h

Pure transparent elegance.
This room dividercombines excellent design, superior technology and attention to detail.

TECHNICAL FEATURES

Nominal heat output: 7.9 kW · **Door function:** elevating · **Energy efficiency class:** A+

See page 92 for technical details

Installation dimension:

501
495
642

Premium V-2L-55h

The perfect solution for enjoying a beautiful fire in very small spaces.
These compact corner units have a low installation depth but all the
advantages of the premium models.

Stunning design meets smart technology.

Our **PREMIUM**EDITION does not just combine the complete range of features of our chimney inserts with exclusive design demands, Premium also offers a decisive plus in terms of additional equipment.

We use a paint system that produces a deep black surface that is scratch-free, providing a beautiful, long lasting finish. The polished glass windows have a particularly high level of transparency, making them reflection proof and resistant to soot pollution. The **Premium**Edition glass doors are recessed into the fire assembly giving them a frameless profile with a seamless view of the flames, while the door handle is flush-mounted and barely visible. The surrounding cover is available in stainless steel, providing a clean and understated appearance.

The technically advanced vertically sliding doors greatly simplify the replacement of logs, and the double air flap enables the correct distribution of combustion air.

It all adds up to the most sophisticated fireplace inserts available anywhere in Europe.

Receive more detailed information about Premium wood fires in our separate PremiumEdition brochure. This is available as both a download and an interactive brochure at **www.spartherm.com.**

72
73
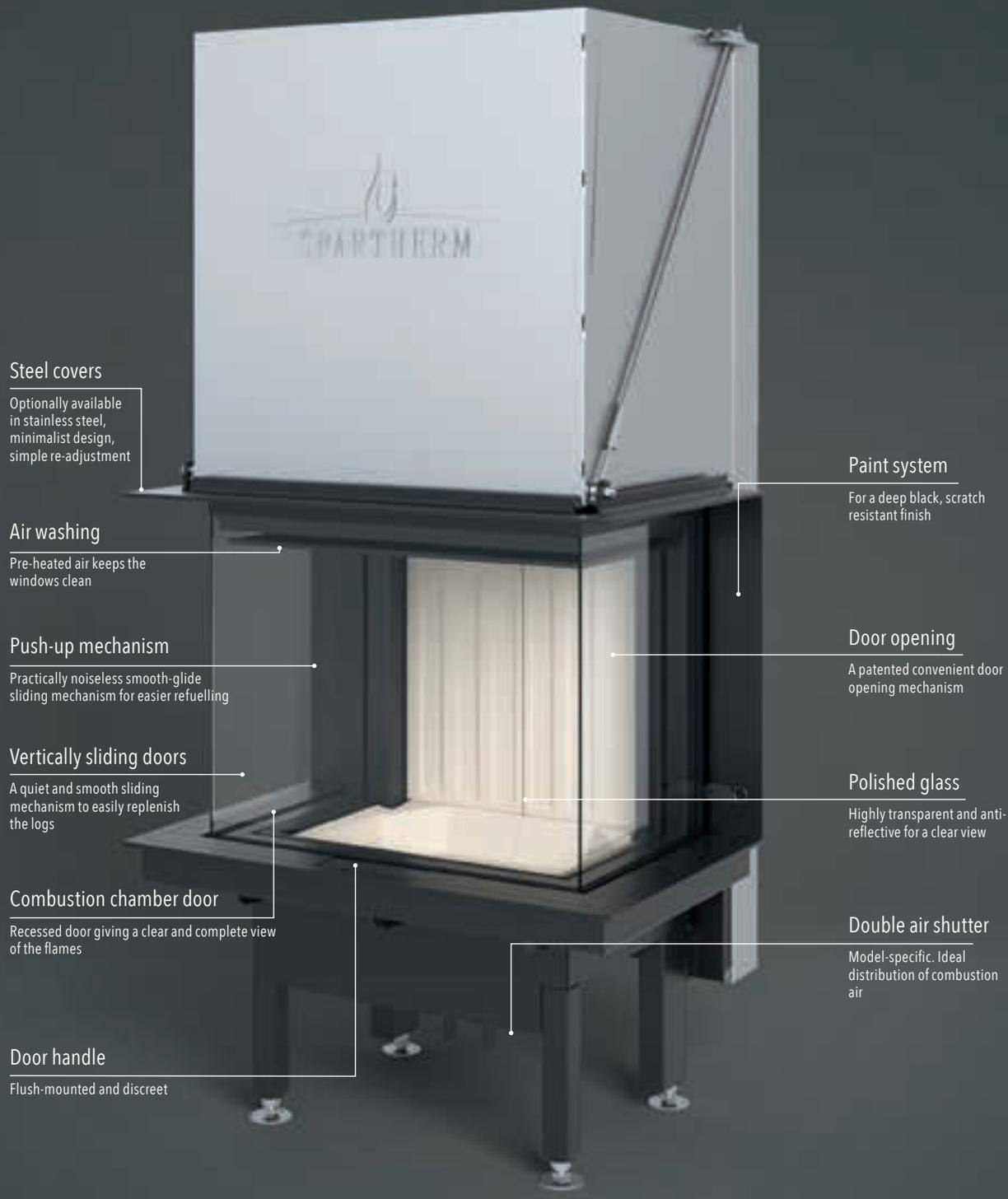
Steel covers

Optionally available in stainless steel, minimalist design, simple re-adjustment

Air washing

Pre-heated air keeps the windows clean

Push-up mechanism

Practically noiseless smooth-glide sliding mechanism for easier refuelling

Vertically sliding doors

A quiet and smooth sliding mechanism to easily replenish the logs

Combustion chamber door

Recessed door giving a clear and complete view of the flames

Door handle

Flush-mounted and discreet

Paint system

For a deep black, scratch resistant finish

Door opening

A patented convenient door opening mechanism

Polished glass

Highly transparent and anti-reflective for a clear view

Double air shutter

Model-specific. Ideal distribution of combustion air

Accessories for ideal combustion
S-Thermatik NEO,
S-Kamatik (draft control),
S-ESAM 3.0 (from 11/2020)
(remote-controlled window pane lift),
S-USI II (vacuum monitor)

"The tiled stove in Grandma's house: A newly inter- preted classic."

How to breathe new life into this vintage home feature.

Whether you simply want to install a modern fireplace insert into a classic tiled stove or you want to give the stove a complete overhaul,
our superior and efficient inserts will do you proud.

76
77
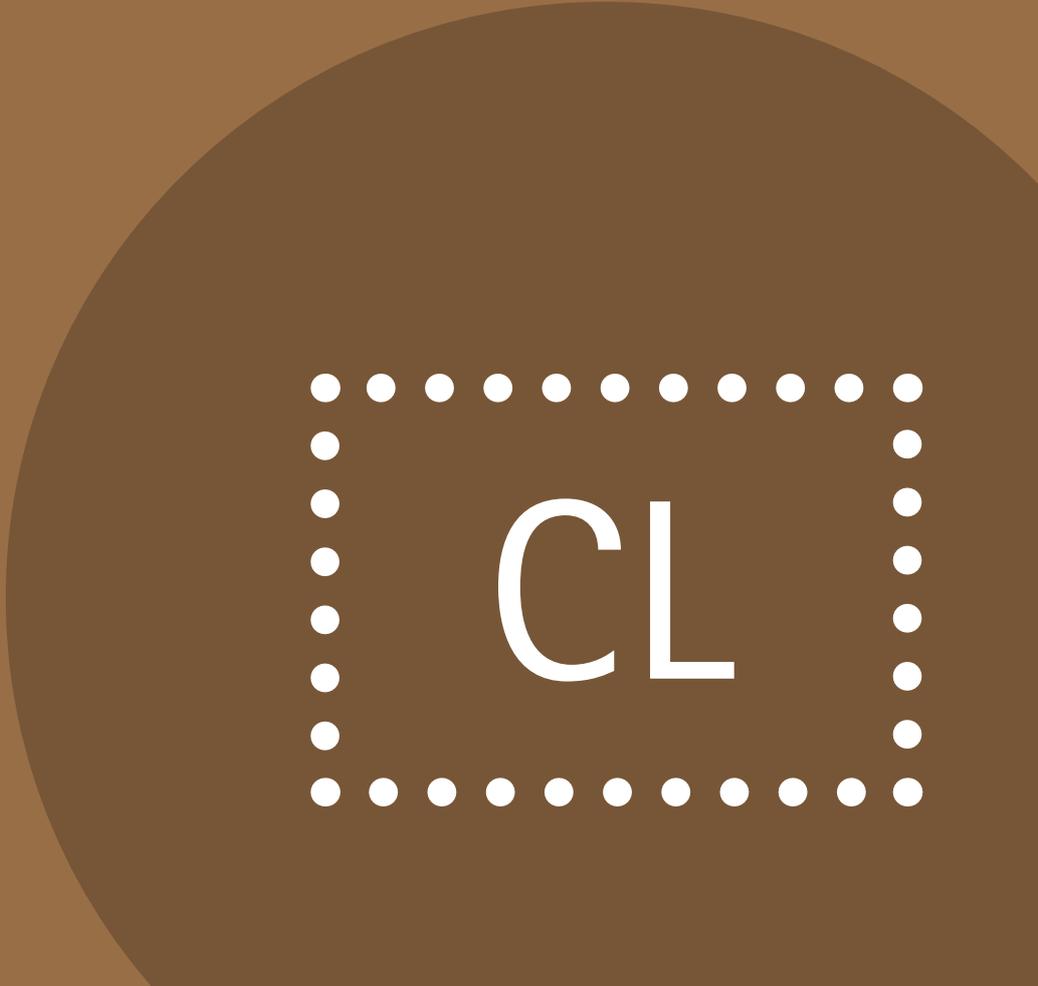
CL

Renova B-Air

Timeless elegance. The installation of this compatible model will transform an outdated tiled stove into a modern, efficient home heating appliance.

TECHNICAL FEATURES

Nominal heat output: 8.8 kW · **Door function:** hinged · **Energy efficiency class:** A+

See page 100 for technical details

Installation dimension: 770

384

Renova Cs-42

Eye-catching and versatile. This model illustrates how you can harness the structure of a tiled stove to create a modern, all-purpose fire that burns wood or lignite.

TECHNICAL FEATURES

Nominal heat output: 6.5 kW (lignite) 6.5 kW (wood) · **Door function:** hinged · **Energy efficiency class:** A+

See page 100 for technical details

Installation dimension:

732

356

Where ancient meets modern.

Whether you simply want to install a modern wood fire insert into a classic tiled stove or you want to give the stove a complete overhaul, our superior and efficient inserts are custom-designed for this purpose and come with a host of useful features.

We use austenitic, heat resistant stainless steel to ensure many years of use. Unlike ordinary steel, it combines corrosion resistance and heat-resistance without scaling.

The Renova B model is compatible with up to 80% of older devices from other manufacturers and can take up to 10 kg of firewood, whilst the models Renova C-Air, Renova Cs-42 and Cs-50 have been designed for mixed combustion (wood logs or briquettes).

We provide a large selection of faceplates so your new insert can be adapted to match your old tiled stove. All tiled stove inserts include a large viewing window for a perfect view of the flames.

Make yourself comfortable. You can rely on our technology.

Austenitic steel

Resistant to high temperatures,
no risk of scaling, long service life
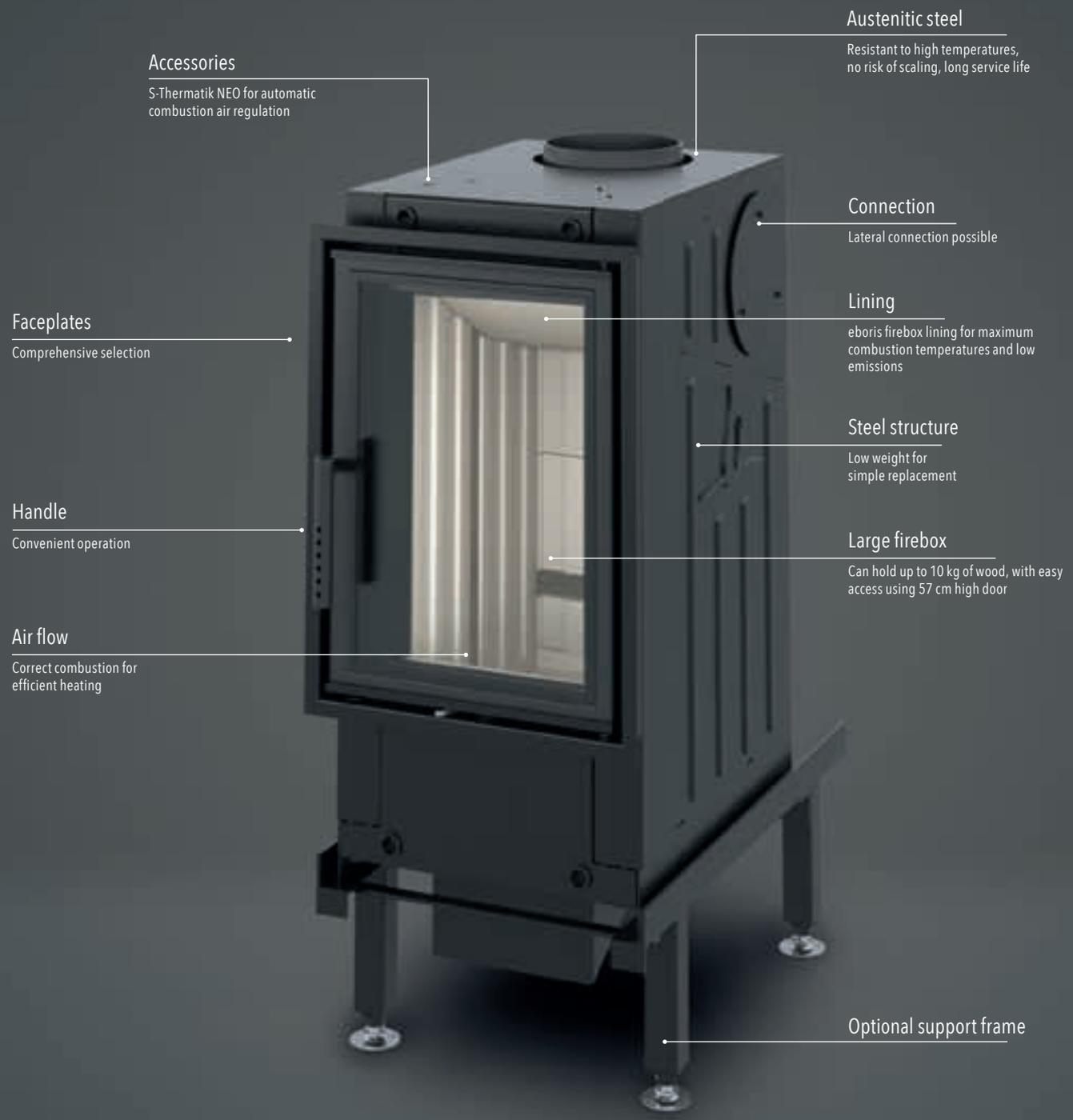
Accessories

S-Thermatik NEO for automatic
combustion air regulation

Connection

Lateral connection possible

Faceplates

Comprehensive selection

Lining

eboris firebox lining for maximum
combustion temperatures and low
emissions

Steel structure

Low weight for
simple replacement

Handle

Convenient operation

Large firebox

Can hold up to 10 kg of wood, with easy
access using 57 cm high door

Air flow

Correct combustion for
efficient heating

Optional support frame

Spartherm H$_2$O models. The creative way to heat your domestic hot water.

Water-heating fireplace inserts

The energy that is generated by a Spartherm H$_2$O wood fire insert is put to good use by heating your domestic hot water at the same time as you are enjoying the warmth and comfort of your fire.

A special heat exchanger that is integrated into the fireplace insert heats the water from a buffer tank. The heated water then returns to the tank,from where it is circulated to radiators, underfloor heating systems, kitchen and bathrooms.

The water heating function can be used as either a replacement for an existing central heating system or to supplement the use of boilers and storage tanks in modern or traditional homes.

25–80 % proportion of water heating
78–86 % combustion efficiency
CO$_2$-neutral

Either way, it is an energy efficient use of the wood fire that reduces your home's carbon footprint and your domestic heating bills.

And because Spartherm H$_2$O models are specially adapted versions of our popular wood fires, with up to 86% energy efficiency, you keep all the unique design features that you have with a standard Spartherm insert wood fire.

Aquabox. The ingenious water heating solution for wood fire inserts

An Aquabox is an ingenious water heating solution that is compatible with standard Spartherm fireplace inserts. It comprises a specially designed water tank, combined with a heat exchanger that encloses the fire insert chamber, using the energy from the fire to heat the water that is held in the compartments of the tank. This heated water is then transferred by natural pressure to a buffer tank, from where it can circulate to central heating systems or domestic water heating systems around the home.

Aquaboxes are designed to supplement existing hot water systems or to channel hot water to specific parts of a home, such as a loft shower room or the underfloor heating in a conservatory.

There are two versions of Aquabox with different water capacities. They are available for a large selection of Spartherm wood fire inserts and have building inspectorate approval by the German Institute for Structural Engineering (DIBt) no: Z-43.31-198.

Varia 2R-55h H$_2$O

Smoldering fire window. Compact, 2-sided fireplace insert for all installation situations. Fire in its purest form.

TECHNICAL FEATURES

Nominal heat output: 7 kW, ◊ 4.2 kW · **Door function:** elevating · **Energy efficiency class:** A+
Optional version: H$_2$O water heating function, DIBt inspected · See page 99 for technical details

Installation dimension:

515
634
442

Multiple use of heat

A cutaway model of a hydronic fireplace insert integrated into a heating system.

Layout and function of water-backed fireplaces

At first glance, a water-backed fireplace insert looks just like a conventional fireplace insert. This means you can adapt the design of your living space as you please with no limitations caused by differing layouts.

But a water-backed fireplace insert has a special feature: It is connected to the existing heating water circuit and has a water pocket or water jacket. When a fire is lit in the fireplace, it transfers part of the heating energy to the room where it is installed and the other part to a buffer store. A heat exchanger integrated in the fireplace insert heats cold water from the buffer store. The store absorbs the heat and stores it until it is needed in your home. This stored heat is highly efficient for supplying your kitchen, bathroom and shower with hot water. For this reason, the heating power of the fireplace insert is divided into heating and room-side. While the heating-side power transmits energy to the central heating system, the fireplace insert transmits the room-side power to the space where it is installed. If you choose a water-backed fireplace, you can save a great deal of money by operating it regularly, thereby reducing the cost of heating water with electrical power or gas. A water-backed fireplace is the perfect addition to your existing heater – a heating system that delivers a lot of heat and simultaneously provides a sustainable, ecological hot water source for your household needs.

Sectional model: Integration of a water-backed fireplace insert

Water-backed fireplace inserts for a cosy home

Water-backed fireplace inserts offer a variety of advantages and are a classic alternative for a fireplace that you can combine with your existing heater. They are powerful enough to make even large rooms warm and cosy by primarily using your fireplace. We offer a variety of designs for water-backed fireplace inserts. You can choose different layouts, fireplace insert sizes and performance levels. Because you are choosing high-quality products adhering to the strict regulations of the German emission protection regulations, your heating system is reliable and adheres to all necessary safety requirements. We have the right water-backed fireplace insert for any taste and any installation situation, so you can heat your living space conveniently and effectivel

Generating cosy warmth with water-backed fireplace inserts

With the support of a water-backed fireplace insert, your heating system will impress you with its highly efficient heating power. Heat up your room to cosy temperatures based on your requirements, the size of the fireplace and the size of the room. Choosing the water-backed fireplace means choosing a model that can supplement and sometimes even replace your actual heater. All models in the water-backed fireplace insert category are extremely user-friendly, sturdy and sustainable. Various sizes and designs are available, allowing you to find the perfect fireplace insert for your heating system and rely on its innovative heating technology. The inserts are suitable for classic and modern, nostalgic and minimalist fireplaces whose heating power is adapted to operation with water pockets. Let yourself be inspired by the wide range of high-quality, powerful water-backed fireplace inserts we offer.

Generation of heat through burning wood is a CO_2-neutral alternative to oil- or gas-fired heating systems. So what would make more sense than to use ultra-modern technology to make the most sustainable use possible of the residual heat in the exhaust gas?

Made by Spartherm.
Quality that amazes.

Top materials, high-quality workmanship, great function and a long product live – that is the kind of quality we represent and you can rely on. State-of-the-art technology, great efficiency and optimised energy usage – various innovations allow us to meet all demands made of modern fireplace inserts.

86
87

Tec
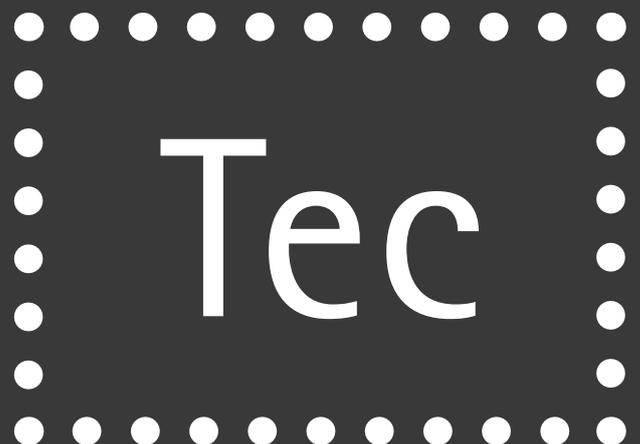
Innovative heat retaining devices to enhance the performance of your fireplace insert.

When it comes to generating heat as efficiently as possible, you have the best options with our solutions. You can easily expand your fireplace with our innovative heat accumulators. Our Thermobox, Helix and Magnetherm as well as eboris-akku storage stones offer a high flexibility in use with maximum benefit.

The great advantage: Heat recovery. Many appliances are suitable for ceramic flues and steel heat recovery units.

This is how it works: highly compacted, fire heat storage material is installed in your fireplace as a heat storage medium. This stores the heat while the fire is burning and slowly releases it again to the room via the fireplace after the fire has gone out. That way, you can perceptibly reduce your energy costs as well as protect the environment. Ask your specialist dealer/stove fitter.

Thermoboxes
The efficient way to maximise the energy of your fireplace insert

Thermoboxes are heat retention devices that are filled with special granules. They are available for many different fireplace inserts in two sizes. They absorb heat from the rising hot flue gases and gradually release that heat into the atmosphere. Because of their compact size they take up little space, are easy to install and offer an affordable solution to maximise the potential of your fireplace insert or stove.
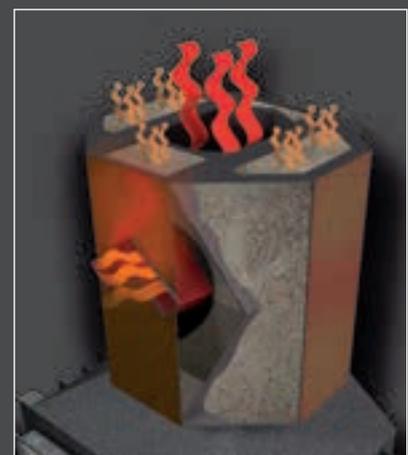
Helix
The clever heat retaining coil

Helix (Greek for coil or spiral) comprises a heat retaining coil that is wrapped around the flue pipe at the back of the fire. As the hot gases pass through the flue, they heat the Helix at the same time. Because the coil is made from a heat retaining material, it releases that heat over time. There are 2 Helix models, the 400 and 460 in S, M, L and XL sizes.

Magnetherm
Simple and effective heat retaining stones

Magnetherm stones are available in modular tongue and groove units that provide additional insulation for the combustion chamber whilst retaining supplementary heat at the same time. The more thermal storage mass surrounding the fire insert, the more heat is retained. The energy released by the stones can be used to power warm air ducting, combined storage/hot air systems, hypocaust underfloor heating and enclosed heating systems. Magnetherm, which is like soapstone, has a high density of 2.8 kg/dm^3 and ensures excellent heat retention and distribution.

eboris-akku
Easy and convenient heat storage batteries

eboris batteries are heat retention elements that can be easily suspended from the side and rear cooling fins of wood fire inserts. Once fitted, they act as effective heat storage devices that provide sustained radiant heat into the living room for up to 10 hours after the fire has died down.

eboris batteries are available in two different widths and are a low cost, low maintenance heat retention solution.

Practical and intelligent solutions for your fireplace insert.

Our accessories have been ideally adapted to the Spartherm combustion technology and provide you with additional benefits using the corresponding system extensions.

These include electronic regulating modules that significantly increase efficiency and allow sustainable and economic combustion.

Additional safety when operating and using your stove is provided by the negative pressure switching interface. The fully automatic function provides effective protection during the simultaneous operation of ventilation systems and fireplaces. Continuous monitoring ensures that, when pressure conditions are not favourable between the chimney and installation space, that the automatic room ventilation is disabled.

Our draught control systems provide a high level of operating comfort and reduce the formation of soot and emissions.

The smart solution: S-Thermatik NEO

We have developed a convenient solution to ensure improved fuel usage: the S-Thermatik NEO. Thanks to the use of an interactive control system via display, smartphone or tablet, you reduce the amount of fuel required and thus cut your costs.

The S-Thermatik NEO ensures that the three important factors: fuel, temperature and air supply are always ideally adjusted to each other during heating. The app continuously supplies clearly laid out information on output, operating status, room temperature and stove temperature.

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S-USI II
Negative pressure switching interface

The fully automatic function ensures maximum safety during the parallel operation of ventilation systems and fireplaces and has been technically certified and approved by the German Institute for Structural Engineering (DIBt). The ambient conditions are thus monitored independently. In the event of a fault, the ventilation systems will be automatically switched off.

S-ESAM 3.0 (from 11/2020)
Electric sliding door with actuator mechanism

Automatic pane lift, remote controls (open - stop - closed).

Significant features:
– The battery control system with automatic charging, which used to prevent an immediate start when the battery was empty, is no longer used. The new control system has no battery but is permanently connected to the mains.
– Door operation during power failure: While the battery used to make it possible to operate the door electrically during a power failure, a capacitor control system now ensures a controlled closing process if the door is open and a power failure occurs. As of that point, the door can be operated manually at any time.
– Calibration runs: The S-ESAM 3.0 is a fully self-parametrising system. Once it is connected, it is necessary to trigger a calibration run one time. All parameters are then calibrated automatically, so that the control system can be used for any door height without complicated adjustments.
– Improved movement behaviour
– Simplified menu navigation with reduced number of menus
– Delayed lifting for pressure equalisation: Prevention of smoke escaping

This is what our combustion control can offer:

- App menu available in nine languages: German, English, Dutch, French, Italian, Spanish, Czech, Polish and Swedish
- Display of combustion status on main screen of the app and on the control display
- Visual and acoustic signal for adding more fuel
- Automatic positioning of the air control lever in the event of a power cut heating can be continued manually
- Can be coupled to automatic window pane lift (SESAM 2)
- Bluetooth connection to mobile devices; free app (Android and IOS) to operate the S-Thermatik NEO via smartphone or tablet

Draught controls
Complete Control

The S-Kamatik, S-Kamatik Plus and S-Kamatik PRO 2 are available. These draft controls provide a high level of user comfort and optimum burn-up. The formation of soot and emissions is reduced.

Technical Data

Presentation of installation dimension:
The installation dimensions is the outer dimension of the visible fireplace insert area when installed

Installation dimension
Height
Width
Depth
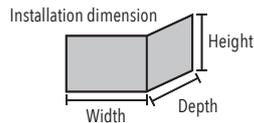
PE **Premium**Edition

Fireplace inserts		Premium V-1V-87h	Premium V-FD-87h	Premium V-2L-55h / Premium V-2R-55h	Premium V-2L-68h / Premium V-2R-68h	Premium V-2L-80h / Premium V-2R-80h	Premium A-U-50h	Premium A-U-70h
Dimensions								
Installation dimension height	mm	501	501	501	501	501	501	501
Installation dimension width	mm	888	888 v | 889 h	642	772	895	675	675
Installation dimension depth	mm	–	–	495	495	495	628	829
Overall width	mm	1018	1021	708	847	993	675	675
Overall depth	mm	564	640	597	597	594	773	978
Connection heigth	mm	1522 | 1498	1570	1561	1522 | 1498	1521 | 1498	1369 | 1344	1369 | 1344
Flue gas connection $\varnothing$	mm	250 | 200	200	180 (200)	250 | 200	250 | 200	250 | 200	250 | 200
Operating performance — Standard								
Energy efficiency class		A+	A+	A+	A+	A+	A+	A+
Nominal heat output	kW	9.5	10.6	7.9	9.6	10.5	9.3	11.4
Thermal output range	kW	6.7 – 12.4	7.4 – 13.8	5.5 – 10.3	6.7 – 12.5	7.4 – 13.7	6.5 – 12.1	8.0 – 14.8
Efficiency	%	> 80	> 80	> 80	> 80	80	> 80	> 80
Flue gas temperature	°C	275	275	263	276	272	311	296
S — Energy efficiency class		–	–	–	–	–	–	–
Nominal heat output	kW	–	–	–	–	–	–	–
Thermal output range	kW	–	–	–	–	–	–	–
Efficiency	%	–	–	–	–	–	–	–
Flue gas temperature	°C	–	–	–	–	–	–	–
with NSHF — Energy efficiency class		A+	A+	A+	A+	–	–	–
Nominal heat output	kW	10.9	11.1	10.9	10.9	–	–	–
Thermal output range	kW	7.6 – 14.2	7.8 – 14.4	7.6 – 14.2	7.6 – 14.2	–	–	–
Efficiency	%	> 85	> 85	> 80	> 80	–	–	–
Flue gas temperature	°C	296 / 180 [1]	275	370 / 191 [1]	370 / 191 [1]	–	–	–
Export — Energy efficiency class		–	–	–	–	A+	–	A+
Nominal heat output	kW	–	–	–	–	16.8	–	15.6
Thermal output range	kW	–	–	–	–	11.8 – 21.2	–	10.9 – 20.3
Efficiency	%	–	–	–	–	80	–	> 80
Flue gas temperature	°C	–	–	–	–	321	–	321
Min. supply pressure	Pa	12	12	12	12	12	12	12
CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests — Operation with open fire door		–	–	–	–	–	–	–
2nd level BImSchV		✓	✓	✓	✓	✓	✓	✓
15a BVG								
Info — Doorfunction		elevating	elevating	elevating	elevating	elevating	elevating	elevating
Weight	kg	350	297	265	310	350	235	357
Glazing		single	single	single	single	single	single	single

NSHF = with additional heating surface | S = fireplace with low output | [1] Flue gas temperature behind NSHF | v = front / h = back

Flat pane

Premium A-3RL-60h	Premium A-3RL-80h	Mini R1V	Mini Z1-7.0 kW Mini Z1-10.0 kW	Mini S	Mini Sh	Varia 1V	Varia 1Vh	Varia 1V-87h	Varia 1V-100h
501	501	516	516	516	514	518 | 578	514 | 574	528	700
772	972	450	450	609	676	680	745	949	1080
477	506	–	–	–	–	–	–	–	–
772	972	540	540	698	766	760	805	1017	1143
625	655	454	591	422	439	558	574	493	502
1522 | 1498	1522 | 1498	1127	1272 | 1332	1175	1175	1296 | 1356	1236 | 1296 | 1356	1522 | 1498	1462
250 | 200	250 | 200	180	180	180	180	200 (180)	200 (180)	250 | 200	250 (200)
A+	A+	A+	A+	A	A	A+	A+	A+	A+
10.0	11.4	5.2	7.0	7.0	7.0	11.0	11.0	9.5	10.4
7.0 – 13.0	8.0 – 14.8	4.5 – 6.8	4.9 – 9.1	4.9 – 9.1	4.9 – 9.1	7.7 – 14.3	7.7 – 14.3	6.7 – 12.4	7.3 – 13.5
> 80	80	80	> 78	> 78	> 78	> 80	> 80	> 80	80
270	275	358	330	290	290	335 | 315	335 | 315	275	275
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	A+	A+	–	–	A+	A+	A+	–
–	–	6.2	10.0	–	–	17.0	17.0	10.9	–
–	–	4.5 – 8.1	7.0 – 13.0	–	–	11.9 – 21.2	11.9 – 21.2	7.6 – 14.2	–
–	–	> 85	> 85	–	–	> 85	> 85	> 85	–
–	–	355 / 164 [1)]	470 / 240 [1)]	–	–	337/208[1)] | 365/235[1)]	337 / 208[1)] | 365 / 235[1)]	296 / 180 [1)]	–
A+	–	–	–	–	–	–	–	–	A+
13.4	–	–	–	–	–	–	–	–	17.0
9.4 – 17.4	–	–	–	–	–	–	–	–	11.9 – 21.2
> 80	–	–	–	–	–	–	–	–	80
284	–	–	–	–	–	–	–	–	319
12	12	12	14	14	14	12	12	12	12 | 13
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
–	–	–	✓ | –	✓	✓	–	✓	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓*	✓*	✓	✓*	✓	✓
elevating	elevating	hinged	hinged	hinged	elevating	hinged	elevating	elevating	elevating
279	337	121	164 | 172	142	175	242 | 248	282 | 288	350	394
single	single	single	single	single	single	single	single	single	single

Blind frame with a depth of 50 mm and an upstand of 30 mm that is suitable for any fireplace insert with a linear elevating door, in 3-sided or 4-sided versions, can be ordered optionally.
* only fulfils 15a 2015 with the AT attachment. Caution: flue gas connection height + 160 mmw

Technical Data

☐ Flat pane

Fireplace inserts		Varia Sh	Varia AS	Varia ASh	Varia Ah	Varia Bh	Varia B-120h	Arte 1Vh-66
Dimensions	Installation dimension height	mm	623	378	370	440	523	523	663
	Installation dimension width	mm	820	755	850	955	1080	1280	470
	Installation dimension depth	mm	–	–	–	–	–	–	–
	Overall width	mm	913	860	910	1018	1140	1340	571
	Overall depth	mm	526	406	422	612	520	512	565
	Connection heigth	mm	1307	1093	1093	1371	1187	1293	1495
	Flue gas connection ⌀	mm	200 (180)	180	180	200 (180)	250 (200)	250	180
Operating performance — Standard	Energy efficiency class		A+	A+	A+	A+	A	A	A+
	Nominal heat output	kW	11.0	7.0	7.0	10.4	10.4	15.0	6.6
	Thermal output range	kW	7.7 – 14.3	4.9 – 9.1	4.9 – 9.1	7.3 – 13.5	7.3 – 13.5	10.5 – 19.5	4.6 – 8.6
	Efficiency	%	80	> 80	> 80	> 80	> 78	78	> 85
	Flue gas temperature	°C	300	275	275	310	311	296	241
S	Energy efficiency class		–	–	–	–	A	–	–
	Nominal heat output	kW	–	–	–	–	9.0	–	–
	Thermal output range	kW	–	–	–	–	6.3 – 11.7	–	–
	Efficiency	%	–	–	–	–	> 78	–	–
	Flue gas temperature	°C	–	–	–	–	278	–	–
with NSHF	Energy efficiency class		–	A+	A+	–	–	–	A+
	Nominal heat output	kW	–	11.0	11.0	–	–	–	10.4
	Thermal output range	kW	–	7.7 – 14.3	7.7 – 14.3	–	–	–	7.3 – 13.5
	Efficiency	%	–	> 85	> 85	–	–	–	> 85
	Flue gas temperature	°C	–	347 / 197 [1]	347 / 197 [1]	–	–	–	292 / 169 [1]
Export	Energy efficiency class		–	A+	A+	–	–	–	A+
	Nominal heat output	kW	–	11.0	11.0	–	–	–	14.0
	Thermal output range	kW	–	7.7 – 14.3	7.7 – 14.3	–	–	–	9.8 – 18.2
	Efficiency	%	–	> 80	> 80	–	–	–	> 80
	Flue gas temperature	°C	–	340	340	–	–	–	322
	Min. supply pressure	Pa	11	12	12	12	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open fire door		–	✓	–	✓	–	–	–
	2nd level BImSchV		✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓	✓	✓	✓	–	✓*	✓
Info	Doorfunction		elevating	hinged	elevating	elevating	elevating	elevating	elevating
	Weight	kg	272	166	209	305	306	369	243
	Glazing		single	single	single	single	single	single	single

NSHF = with additional heating surface | S = fireplace with low output | [1] Flue gas temperature behind NSHF | v = front / h = back

Tunnel   ## L-shaped pane

Arte Bh	Mini S-FDh	Varia FD	Varia FDh	Varia FD-87h	Varia AS-FDh	Varia A-FDh	Varia B-FDh	Mini 2L / Mini 2R	Mini 2LRh
805	514 v | 516 h	518 v | 518 h	514 v | 518 h 574 v | 578 h	526 v | 529 h	371 v | 378 h	881 / 888	523 v | 526 h	512	505 | 565
730	676 v | 609 h	680 v | 680 h	745 v | 680 h	949 v | 884 h	850 v | 753 h	440 / 436	1080 v | 1013 h	457	516
–	–	–	–	–	–	–	–	457	516
823	771	762	805	1017	950	1015	1210	506	523
526	588	608	636	501	442	603	674	458	561
1393	1501	1268 | 1497	1223 | 1283	1570	1069	1233	1305	1244	1245 | 1305
200 (180)	200 (180)	250	250	200	180	250	250	180	180
A	A	A+	A+	A+	A+	A+	A+	A+	A+
11.0	6.0	11.6	11.6	10.6	7.0	10.4	11.0	7.0	7.0
7.7 – 14.3	4.5 – 7.8	8.1 – 15.1	8.1 – 15.1	7.4 – 13.8	4.9 – 9.1	7.3 – 13.5	7.7 – 14.3	4.9 – 9.1	4.9 – 9.1
> 78	> 78	80	80	290	> 80	> 80	> 79	80	80
350	360	305	305	275	290	300	300	343	343
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	A+	A+	–	–	–	–
–	–	–	–	11.1	11.0	–	–	–	–
–	–	–	–	7.8 – 14.4	7.7 – 14.3	–	–	–	–
–	–	–	–	> 85	> 85	–	–	–	–
–	–	–	–	442 / 180 [1)]	272 | 142 [1)]	–	–	–	–
–	–	–	–	–	A+	–	–	A	A
–	–	–	–	–	11.0	–	–	11.0	11.0
–	–	–	–	–	7.7 – 14.3	–	–	7.7 – 14.3	7.7 – 14.3
–	–	–	–	–	> 80	–	–	77	77
–	–	–	–	–	320	–	–	366	366
12	12	12	12	12	12	12	12	12 | 12.5	12
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
✓	✓	✓	–	–	–	✓	✓	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓*	✓*	✓	✓	✓	✓	✓	✓**	✓	✓
elevating	elevating	hinged	elevating	elevating	elevating	elevating	elevating	hinged	elevating
287	266	265	265	297	205	314	390	166	199 | 211
single	single	single	single	souble	single	single	single	single	single

Blind frame with a depth of 50 mm and an upstand of 30 mm that is suitable for any fireplace insert with a linear elevating door, in 3-sided or 4-sided versions, can be ordered optionally.
* only fulfils 15a 2015 with the AT attachment. Caution: flue gas connection height + 160 mm   ** structural modifications required, cleaning difficulties

Technical Data

⬜ L-shaped pane

Fireplace inserts		Varia 2L-55 Varia 2R-55	Varia 2L-55h Varia 2R-55h	Varia 2L-62 Varia 2R-62	Varia 2L-62h Varia 2R-62h	Varia 2L-68h Varia 2R-68h	Varia 2Lh Varia 2Rh	Varia AS-2Lh Varia AS-2Rh
Dimensions Installation dimension height	mm	519	514	449	444	501	512 | 572	370
Installation dimension width	mm	576	634	589	646	735	735	784
Installation dimension depth	mm	384	442	384	442	460	516	412
Overall width	mm	619	654	754	754	754	778	882
Overall depth	mm	428	462	501	501	501	606	441
Connection heigth	mm	1436	1344	1522 | 1498	1522 | 1498	1522 | 1498	1323 | 1383	1099
Flue gas connection ⌀	mm	180	180	180	180	250 | 200	200 (180)	200 (180)
Standard Energy efficiency class		A+	A+	A+	A+	A+	A+	A+
Nominal heat output	kW	7.0	7.0	6.9	6.9	9.6	11.0	7.0
Thermal output range	kW	4.9 – 9.1	4.9 – 9.1	4.8 – 9.0	4.8 – 9.0	6.7 – 12.5	7.7 – 14.3	4.9 – 9.1
Efficiency	%	80	80	> 80	> 80	> 80	80	80
Flue gas temperature	°C	325	325	288	288	276	330	311
S Energy efficiency class		–	–	–	–	–	A	–
Nominal heat output	kW	–	–	–	–	–	7.0	–
Thermal output range	kW	–	–	–	–	–	4.9 – 9.1	–
Efficiency	%	–	–	–	–	–	> 78	–
Flue gas temperature	°C	–	–	–	–	–	245	–
with NSHF Energy efficiency class		–	–	A+	A+	A+	A+	–
Nominal heat output	kW	–	–	10	10	9.9	12.0	–
Thermal output range	kW	–	–	7.0 – 13.0	7.0 – 13.0	6.9 – 12.9	8.4 – 15.6	–
Efficiency	%	–	–	> 85	> 85	> 85	> 85	–
Flue gas temperature	°C	–	–	322 | 184 [1]	322 | 184 [1]	379 | 195 [1]	350	–
Export Energy efficiency class		–	–	–	–	–	–	A+
Nominal heat output	kW	–	–	–	–	–	–	11.0
Thermal output range	kW	–	–	–	–	–	–	7.7 – 14.3
Efficiency	%	–	–	–	–	–	–	80
Flue gas temperature	°C	–	–	–	–	–	–	349
Min. supply pressure	Pa	12	12	12	12	12	12	11.5
CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests Operation with open fire door		✓	✓	–	–	✓	✓	–
2nd level BImSchV		✓	✓	✓	✓	✓	✓	✓
15a BVG		✓	✓	✓	✓	✓	✓	✓
Info Doorfunction		hinged	elevating	hinged	elevating	elevating	elevating	elevating
Weight	kg	161	222	181	181	310	257 | 277	199
Glazing		single	single	single	single	single	single	single

NSHF = with additional heating surface | S = fireplace with low output | [1] Flue gas temperature behind NSHF | v = front / h = back

▭ U-shaped pane

	Varia 2L-80h / Varia 2R-80h	Varia 2L-100h / Varia 2R-100h	Arte 2LRh-66	Varia AS-3RLh	Varia C-45h	Varia Ch	Arte U-50h	Arte U-70h	Arte U-90h	Arte 3RL-60h
	514	523	663	400	526	526	507	507	544	507
	856	1056	413	736	510	651	515	515	562	612
	466	466	413	390	230	312	517	717	912	365
	948	1148	474	769	558	681	528	548	597	625
	508	508	474	494	476	643	697	894	1091	557
	1323	1359	1493	1212	1366	1476	1359 | 1337	1369 | 1344	1340 | 1316	1522 | 1498
	200 (180)	250	180	200	180	250 (200)	250 (200)	250 | 200	250 | 200	250 | 200
	A+	A	A+	A+	A+	A+	A+	A+	A	A+
	10.4	11.0	6.4	8.4	8.0	9.0	9.3	11.4	13.0	10.0
	7.3 – 13.5	7.7 – 14.3	4.5 – 8.3	5.9 – 10.9	5.6 – 10.4	6.3 – 11.7	6.5 – 12.1	10.9 – 20.3	9.1 – 16.9	7.0 – 13.0
	> 80	> 79	> 80	80	> 80	80	> 80	> 80	> 78	> 80
	283	280	275	283	255	340	311	321	310	270
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	A+	–	–	–	–	–	–	–
	–	–	10.4	–	–	–	–	–	–	–
	–	–	7.3 – 13.5	–	–	–	–	–	–	–
	–	–	> 85	–	–	–	–	–	–	–
	–	–	327	–	–	–	–	–	–	–
	A+	–	A+	A+	–	–	–	A+	–	A+
	16.0	–	12.0	11.7	–	–	–	15.6	–	13.4
	11.2 – 20.8	–	8.4 – 15.6	8.2 – 15.2	–	–	–	10.9 – 20.3	–	9.4 – 17.4
	> 80	–	80	80	–	–	–	> 80	–	> 80
	305	–	350	305	–	–	–	321	–	284
	12	12	12	12	12	14	12	12	12	12
	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
	–	✓	✓	–	–	✓	–	–	–	–
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	✓
	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating
	272	317	186	224	230	309	235	342	392	264
	single	single	single	single	single	single	single	single	single	single

Blind frame with a depth of 50 mm and an upstand of 30 mm that is suitable for any fireplace insert with a linear elevating door, in 3-sided or 4-sided versions, can be ordered optionally.
* only fulfils 15a 2015 with the AT attachment. Caution: flue gas connection height + 160 mmw

Technical Data

			U-shaped pane		Round pane		H_2O		
	Fireplace inserts		Arte 3RL-80h	Arte 3RL-100h	Speedy Ph	Magic	Varia 1V H_2O	Varia 1V H_2O XL	Varia 1V H_2O XXL
Dimensions	Installation dimension height	mm	507	570	570	578	518	518	518
	Installation dimension width	mm	812	1006	523	750	680	680	680
	Installation dimension depth	mm	395	450	–	–	–	–	–
	Overall width	mm	806	1039	523	750	799	799	886
	Overall depth	mm	586	586	538	895	564	564	621
	Connection heigth	mm	1522 | 1498	1560	1330	1389	1469	1477	1477
	Flue gas connection ⌀	mm	250 | 200	250	180	180	180	200 (180)	200 (180)
Operating performance — Standard	Energy efficiency class		A+	A	A+	A+	A+	A+	A+
	Nominal heat output	kW	11.4	11.0	7.0	12.0	8.0 | ◊ 5.0	9.0 | ◊ 6.0	15.0 | ◊ 11.0
	Thermal output range	kW	8.0 – 14.8	7.7 – 14.3	4.9 – 9.1	8.4 – 15.6	5.6 – 10.4	6.3 – 11.7	10.5 – 19.5
	Efficiency	%	80	> 78	> 80	80	> 80	> 85	> 85
	Flue gas temperature	°C	275	360	290	370	240	220	225
S	Energy efficiency class		–	–	–	–	–	–	–
	Nominal heat output	kW	–	–	–	–	–	–	–
	Thermal output range	kW	–	–	–	–	–	–	–
	Efficiency	%	–	–	–	–	–	–	–
	Flue gas temperature	°C	–	–	–	–	–	–	–
with NSHF	Energy efficiency class		–	–	–	–	–	–	–
	Nominal heat output	kW	–	–	–	–	–	–	–
	Thermal output range	kW	–	–	–	–	–	–	–
	Efficiency	%	–	–	–	–	–	–	–
	Flue gas temperature	°C	–	–	–	–	–	–	–
Export	Energy efficiency class		–	–	–	–	A+	A+	A+
	Nominal heat output	kW	–	–	–	–	11.0 | ◊ 6.0	12.0 | ◊ 8.5	21.0 | ◊ 15.0
	Thermal output range	kW	–	–	–	–	7.7 – 14.3	8.4 – 15.6	14.7 – 21.2
	Efficiency	%	–	–	–	–	> 80	> 80	> 85
	Flue gas temperature	°C	–	–	–	–	250	235	240
	Min. supply pressure	Pa	12	12	12	11	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open fire door		–	✓	–	–	–	–	–
	2nd level BImSchV		✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓	✓*	–	✓	✓	✓	✓
Info	Doorfunction		elevating	elevating	elevating	hinged	hinged	hinged	hinged
	Weight	kg	337	381	210	305	336	341	351
	Glazing		single	single	single	single	single	souble	souble

NSHF = with additional heating surface | S = fireplace with low output | [1] Flue gas temperature behind NSHF | v = front / h = back

Varia 1Vh H₂O	Varia 1Vh H₂O XL	Varia 1Vh H₂O XXL	Varia Ah H₂O	Varia FD H₂O	Varia FDh H₂O	Varia A-FDh H₂O	Varia 2L-55h H₂O Varia 2R-55h H₂O	Varia 2Lh H₂O Varia 2Rh H₂O
513	513	513	440	518 v | 518 h	514 v | 518 h	440 v | 440 h	515	512
745	745	745	955	680 v | 680 h	745 v | 680 h	955 v | 888 h	634	735
–	–	–	–	–	–	–	442	516
805	808	886	1084	765	873	1081	650	797
592	592	649	623	608	624	604	494	618
1469	1477	1477	1497	1438	1404	1347	1570	1538
180	200 (180)	200 (180)	200 (180)	200	200	200	180	200
A+	A+	A+	A+	A+	A+	A+	A+	A+
8.0 | ◊5.0	9.0 | ◊6.0	15.0 | ◊11.0	10.4 | ◊7.2	10.0 | ◊6.4	10.0 | ◊6.4	10.4 | ◊6.2	7.0 | ◊4.2	10.4 | ◊5.9
5.6 – 10.4	6.3 – 11.7	10.5 – 19.5	7.3 – 13.5	7.0 – 13.0	7.0 – 13.0	7.3 – 13.5	4.9 – 9.1	7.3 – 13.5
> 80	> 85	> 85	> 85	> 80	> 80	> 80	> 85	> 80
240	220	225	230	202	202	260	230	285
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
A+	A+	A+	A+	A+	A+	A+	A+	A+
11.0 | ◊6.0	12.0 | ◊8.5	21.0 | ◊15.0	14.0 | ◊9.8	15/◊ 9.4 | 21/◊ 13.2	15/◊ 9.4 | 21/◊ 13.2	15.0 | ◊9.0	12.0 | ◊7.2	14.7 | ◊8.4
7.7 – 14.3	8.4 – 15.6	14.7 – 21.2	9.8 – 18.2	10.5–19.5 | 14.7–21.2	10.5–19.5 | 14.7–21.2	10.5 – 19.5	8.4 – 15.6	10.3 – 19.1
> 80	> 80	> 85	> 80	85 | > 85	85 | > 85	> 85	> 80	> 80
250	235	240	250	217 | 226	217 | 226	240	235	265
12	12	12	12	12	12	12	12	12
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
–	–	–	–	–	–	–	–	–
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
elevating	elevating	elevating	elevating	hinged	elevating	elevating	elevating	elevating
374	379	389	471	352	413	424	384	367
single	souble	souble	souble	souble	souble	souble	single	single

Blind frame with a depth of 50 mm and an upstand of 30 mm that is suitable for any fireplace insert with a linear elevating door, in 3-sided or 4-sided versions, can be ordered optionally.
* only fulfils 15a 2015 with the AT attachment. Caution: flue gas connection height + 160 mmw

Technical Data

| CL | Classic | | | | | | |

	Fireplace inserts		Renova B-Air	Nova F-Air	Renova C-44 (firewood)	Renova C-44 (lignite)	Renova Cs-42 (firewood)	Renova Cs-42 (lignite)	Renova Cs-50 (firewood)
Dimensions	Installation dimension height	mm	770	800	759	759	732	732	732
	Installation dimension width	mm	384	450	416	416	356	356	356
	Installation dimension depth	mm	–	–	–	–	–	–	–
	Overall width	mm	412	445	480	480	382	382	382
	Overall depth	mm	703	755	721	505	420	420	500
	Connection heigh	mm	1012	1038	874	985	873	873	873
	Flue gas connection ⌀	mm	180 (145/150/160)	180 (145/150/160)	160 (145/150/180)	160 (145/150/180)	160 (145/150/180)	160 (145/150/180)	160 (150)
Operating performance — Standard	Energy efficiency class		–	–	–	–	–	–	–
	Nominal heat output	kW	–	–	–	–	–	–	–
	Thermal output range	kW	–	–	–	–	–	–	–
	Efficiency	%	–	–	–	–	–	–	–
	Flue gas temperature	°C	–	–	–	–	–	–	–
S	Energy efficiency class		–	–	–	–	–	–	–
	Nominal heat output	kW	–	–	–	–	–	–	–
	Thermal output range	kW	–	–	–	–	–	–	–
	Efficiency	%	–	–	–	–	–	–	–
	Flue gas temperature	°C	–	–	–	–	–	–	–
with NSHF	Energy efficiency class		A+	A+	A+	A+	A+	A+	A+
	Nominal heat output	kW	8.8	10.1	8.5	7.8	6.5	6.5	7.0
	Thermal output range	kW	6.2 – 11.4	7.1 – 13.1	6.0 – 11.1	5.5 – 10.1	4.6 - 8.5	4.6 - 8.5	4.9 – 9.1
	Efficiency	%	> 85	> 85	> 85	> 85	> 85	> 85	> 85
	Flue gas temperature	°C	357	355	495 | 142 [1]	483 | 142 [1]	478 | 155 [1]	434 | 151 [1]	442 | 175 [1]
Export	Energy efficiency class		–	–	–	–	–	–	–
	Nominal heat output	kW	–	–	–	–	–	–	–
	Thermal output range	kW	–	–	–	–	–	–	–
	Efficiency	%	–	–	–	–	–	–	–
	Flue gas temperature	°C	–	–	–	–	–	–	–
	Min. supply pressure	Pa	12	12	12	12	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open fire door		–	–	–	–	–	–	–
	2nd level BImSchV		✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓	✓	✓	✓	✓	✓	✓
Info	Doorfunction		hinged	hinged	hinged	hinged	hinged	hinged	hinged
	Weight	kg	140	195	110	110	105	105	107
	Glazing		souble	souble	single	single	single	single	single

NSHF = with additional heating surface | S = fireplace with low output | [1] Flue gas temperature behind NSHF | v = front / h = back

RLU **RLU**

	Renova Cs-50 (lignite)	Nova E H$_2$O	Renova A H$_2$O	Mini R1V RLU	Mini Z1 RLU	Mini S RLU	Mini Sh RLU	Varia 1V RLU	Varia 1Vh RLU	Varia AS RLU
	732	457	458	525	525	525	514	522 | 572	514 | 574	382
	356	450	395	450	450	609	676	680	745	755
	–	–	–	–	–	–	–	–	–	–
	382	480	480	540	540	698	769	760	805	860
	500	505	721	454	585	422	450	558	586	406
	873	985	874	1008 < 1068	1296 | 1356	1175	1175	1296 | 1356	1236 | 1296 | 1356	1093
	160 (150)	160	150	180	180	180	180	200	200 (180)	180
	–	–	–	A+	A	A	A	A+	A+	A+
	–	–	–	5.2	7.0	7.0	7.0	11.0	11.0	7.0
	–	–	–	4.5 – 6.8	4.9 – 9.1	4.9 – 9.1	4.9 – 9.1	7.7 – 14.3	7.7 – 14.3	4.9 – 9.1
	–	–	–	80 | > 80	> 78	> 78	> 78	> 80 | 80	> 80	> 80
	–	–	–	358 | 334	330	290	290	288 | 305	335 | 315	275
	–	–	–	–	–	–	–	A+	–	–
	–	–	–	–	–	–	–	7.0	–	–
	–	–	–	–	–	–	–	4.9 – 9.1	–	–
	–	–	–	–	–	–	–	> 80	–	–
	–	–	–	–	–	–	–	300	–	–
	A+	A+	A+	–	–	–	–	–	–	–
	7.0	14.0 | ◊ 9.0	13.4 | ◊ 6.9	–	–	–	–	–	–	–
	4.9 – 9.1	9.8 – 18.2	9.4 – 17.4	–	–	–	–	–	–	–
	> 85	> 85	> 85	–	–	–	–	–	–	–
	408 | 176 [1]	↑ 193 | → 340 | 166 [1]	362 | 165 [1]	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	12	12	12	12	12	12	12	12	12	12
	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
	–	–	–	–	–	–	–	–	–	–
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓*	✓*	✓*	✓	✓	✓
	hinged	hinged	hinged	hinged	hinged	hinged	elevating	hinged	elevating	hinged
	107	297	190	121	164	142	205	217 | 225	282 | 288	166
	single	souble	souble	single	single	single	single	single	single	single

Blind frame with a depth of 50 mm and an upstand of 30 mm that is suitable for any fireplace insert with a linear elevating door, in 3-sided or 4-sided versions, can be ordered optionally.
* only fulfils 15a 2015 with the AT attachment. Caution: flue gas connection height + 160 mmw

Technical Data

RLU RLU

			Varia ASh RLU	Varia Sh RLU	Varia M-80h RLU	Varia Bh RLU	Arte 1Vh-66 RLU	Varia FD RLU	Varia 2L-55h RLU Varia 2R-55h RLU
Dimensions		Fireplace inserts							
		Installation dimension height	mm	370	623	524	523	663	523 v | 523 h	514
		Installation dimension width	mm	850	820	876	1080	470	680 v | 680 h	634
		Installation dimension depth	mm	–	–	–	–	–	–	442
		Overall width	mm	918	913	942	1143	573	762	654
		Overall depth	mm	434	526	476	530	575	608	462
		Connection heigth	mm	1093	1307	1450	1187	1495	1268	1344
		Flue gas connection $\varnothing$	mm	180	200 (180)	200 (180)	250 (200)	180	250	180
Operating performance	**Standard**	Energy efficiency class		A+	A+	A	A	A+	A+	A+
		Nominal heat output	kW	7.0	11.0	9.0	10.4	6.6	11.6	7.0
		Thermal output range	kW	4.9 – 9.1	7.7 – 14.3	6.3 – 11.7	7.3 – 13.5	4.6 – 8.6	8.1 – 15.1	4.9 – 9.1
		Efficiency	%	> 80	80	> 78	> 78	> 85	80	80
		Flue gas temperature	°C	275	300	310	311	241	305	325
	S	Energy efficiency class		–	–	–	–	–	–	–
		Nominal heat output	kW	–	–	–	–	–	–	–
		Thermal output range	kW	–	–	–	–	–	–	–
		Efficiency	%	–	–	–	–	–	–	–
		Flue gas temperature	°C	–	–	–	–	–	–	–
	with NSHF	Energy efficiency class		–	–	–	–	–	–	–
		Nominal heat output	kW	–	–	–	–	–	–	–
		Thermal output range	kW	–	–	–	–	–	–	–
		Efficiency	%	–	–	–	–	–	–	–
		Flue gas temperature	°C	–	–	–	–	–	–	–
	Export	Energy efficiency class		–	–	–	–	–	–	–
		Nominal heat output	kW	–	–	–	–	–	–	–
		Thermal output range	kW	–	–	–	–	–	–	–
		Efficiency	%	–	–	–	–	–	–	–
		Flue gas temperature	°C	–	–	–	–	–	–	–
		Min. supply pressure	Pa	12	11	12	12	12	12	12
		CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
		Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests		Operation with open fire door		–	–	–	–	–	–	–
		2nd level BImSchV		✓	✓	✓	✓	✓	✓	✓
		15a BVG		✓	✓	✓*	✓*	✓	–	✓
Info		Doorfunction		elevating	elevating	elevating	elevating	elevating	hinged	elevating
		Weight	kg	209	272	291	350	243	212	200
		Glazingg		single	single	single	single	single	single	single

NSHF = with additional heating surface | S = fireplace with low output | [1] Flue gas temperature behind NSHF | v = front / h = back

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* only fulfils 15a 2015 with the AT attachment. Caution: flue gas connection height + 160 mm

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SPARTHERM®
The Fire Company

Varia 2L-62h RLU
Varia 2R-62h RLU

444
646
442
754
501
1522 | 1498
180
A+
6.9
4.8 – 9.0
> 80
288
–
–
–
–
–
–
–
–
–
–
–
–
–
–
12
< 1250
< 40
–
✓
✓
elevating
206
single

Since the beginning of 2019, we have been working closely with the company ofenfindAR. The aim of this collaboration is to give you the ability to visualise a fireplace installation in your own living room.

Everybody knows the problem You simply can't imagine the dimensions of a stove in your own home? The height, the width, the overall size? What it will look like with filler applied? Or with plaster? And what if the plaster is red? How about in the afternoon sun? ofenfindAR offers the solution within seconds!

Or is your new home still being planned? That's no problem for the ofenfindAR "scaling function", which lets you position your dream stove to scale on any building plan and then edit, modify, replace or view it as usual.

A multitude of pre-integrated fireplace installations will allow you to visually integrate a finished stove in your living space. This will make your decision easier and will help you adapt your specific plans even more successfully to your own ideas and desires.

ofenfindAR can be downloaded free of charge from the App Store or Google Play Store. The app is currently compatible with iOS 11.3 and higher or with Android 7.0 or higher.

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