

Fireplace inserts



2
3

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

G. M. Rokossa.
Gerhard Manfred Rokossa
Founder and director.

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Because wood fire inserts are at the core of the fireplace system, we call them fireplace inserts.

THE ROMANCE OF A REAL WOOD FIRE.

4
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5





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.

AN INSPIRING SELECTION OF FIREPLACE INSERTS.

6
7



Film: PremiumEdition



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.





*»We love
strong and
expressive
shapes.«*

FRONT VIEW

Clean lines, without any corners or edges.

We produce fireplace inserts to use for chimney or false chimney installation. 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.

10

11

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Varia M-80h-4S

The compact fireplace insert that demands your full attention.

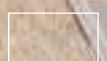


TECHNICAL FEATURES

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

Optional version: DIBt inspected · See page 82 for technical details

Door dimension:



802

523



Varia AS-4S

Vintage style meets contemporary chic.

The impressive, landscape-shaped fireplace insert is the focal point of this tastefully decorated and cosy living room.

12

13

TECHNICAL FEATURES

Nominal output: 7 kW · Door function: hinged · Energy efficiency class: A+

Optional version: H₂O, DIBt inspected · See page 81 for technical details

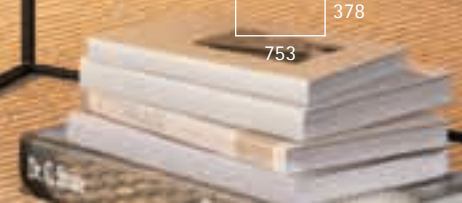


Door dimension:



378

753





Varia 1V-4S

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



14

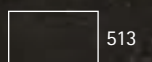
15

TECHNICAL FEATURES

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

Optional version: H₂O, DIBt inspected · See page 81 for technical details

Door dimension:



671

513



Varia Ah-4S

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

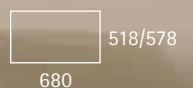


TECHNICAL FEATURES

Nominal output: 10,4 kW, Δ 7.2 kW · Door function: elevating · Energy efficiency class: A+

Optional version: H₂O · See page 81 for technical details

Door dimension:



680

Mini Sh-4S

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?

16

17

TECHNICAL FEATURES

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

Optional version: DIBt inspected · See page 81 for technical details



Door dimension:



513

606

Varia B-120h-4S

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.

18

19



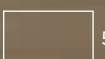
TECHNICAL FEATURES

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

See page 82 for technical details



Door dimension:



523

1206





*»The best
way to start
the day.«*



TUNNEL

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.

22

23

Varia AS-FDh-4S	23
Varia FDh-4S	24
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Varia AS-FDh-4S

An imposing widescreen experience.

This solid and stylish room dividing pillar incorporates an imposing widescreen tunnel wood fire and log storage to create an impressive architectural feature in this modern home.

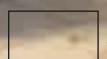


TECHNICAL FEATURES

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

See page 83 for technical details

Door dimension:



730

371

Varia FDh-4S

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

24

25



TECHNICAL FEATURES

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

Optional version: H₂O water heating model • See page 83 for technical details



Door dimension:



514/574

671



26

27



*»A fireplaces
at the heart of
any home.«*

2-SIDED

Fires that offer flexible design and efficient performance.

2-sided 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.

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Varia AS-2Lh-4S	30
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Arte 2LRh-66-4S	35
Varia 2R-55h-4S	36
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Varia 2Rh-4S

A 2-sided classical feature fire.

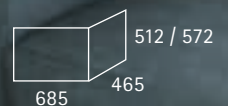
This marbled pillar is built to the full height of the room and incorporates the compact yet commanding 2-sided wood fire, making a striking classical feature.

TECHNICAL FEATURES

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

Optional version: H₂O water heating fire · See page 84 for technical details

Door dimension:



Varia AS-2Lh-4S

A 2-sided 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.

30

31

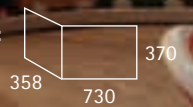
TECHNICAL FEATURES

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

See page 84 for technical details



Door dimension:



Varia 2Lh-4S

Versatile design and execution. This 2-sided 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.

32

33

TECHNICAL FEATURES

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

Optional version: H₂O water heating fire · See page 84 for technical details

Door dimension:





Varia 2R-80h-4S

How to transform an existing chimney. This fireplace conversion makes creative use of the 2-sided wood fire to transform the existing structure into a stunning focal point, complete with matching skirting board.



TECHNICAL FEATURES

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

See page 84 for technical details

Door dimension:





Mini 2L-4S

A 2-sided fire that punches above its weight. This small but powerful 2-sided wood fire looks inspiring when built into a contemporary false chimneybreast with ample wood storage. A real artistic gem.



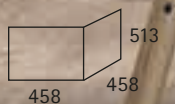
34
35

TECHNICAL FEATURES

Nominal output: 7 kW · Door function: hinged · Energy efficiency class: A+

See page 83 for technical details

Door dimension:





Arte 2LRh-66-4S

A creative solution for modern living. This graceful, portrait-shaped, 2-sided 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 output: 6.4 kW · Door function: elevating · Energy efficiency class: A+

See page 85 for technical details

Door dimension:





36

37

TECHNICAL FEATURES

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

Optional version: H₂O water heating fire, DIBt inspected · See page 84 for technical details



Varia 2R-55h-4S

The 2-sided 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.



Door dimension:





38

39



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

3-SIDED

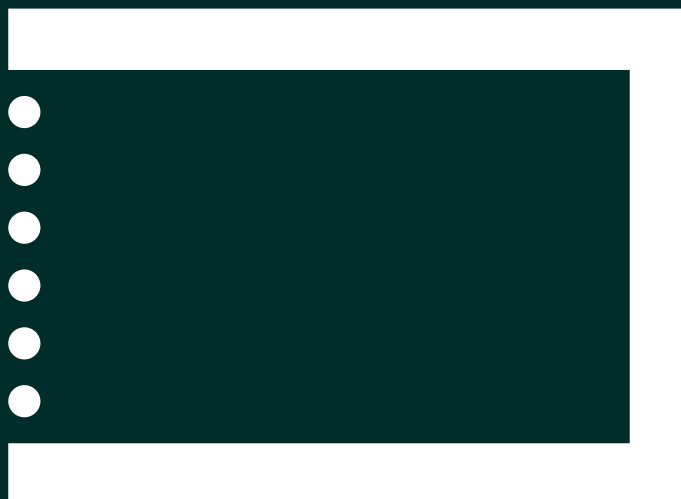
Fireplace inserts with glorious panoramic vision.

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.

40

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Arte U-50h-4S	41
Arte 3RL-100-4S	42
Arte U-90h-4S	44
Varia AS-3RLh-4S	45
Varia C-45h-4S	46
Varia Ch-4S	47
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Arte U-50h-4S

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.

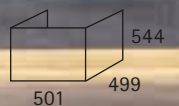


TECHNICAL FEATURES

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

See page 85 for technical details

Door dimension:



42

43

TECHNICAL FEATURES

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

See page 85 for technical details



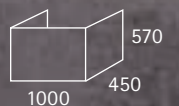
Arte 3RL-100h-4S

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.



Door dimension:





Arte U-90h-4S

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.

44

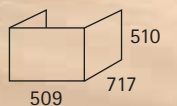
45

TECHNICAL FEATURES

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

See page 85 for technical details

Door dimension:





Varia AS-3RLh-4S

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

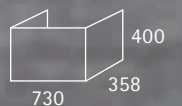


TECHNICAL FEATURES

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

See page 85 for technical details

Door dimension:



Varia C-45h-4S

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.

46

47

TECHNICAL FEATURES

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

See page 85 for technical details

Door dimension:



Varia Ch-4S

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

TECHNICAL FEATURES

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

See page 85 for technical details

Door dimension:







*»Happiness is
a warm and
enchanted
wood fire.«*

CURVED WINDOWS

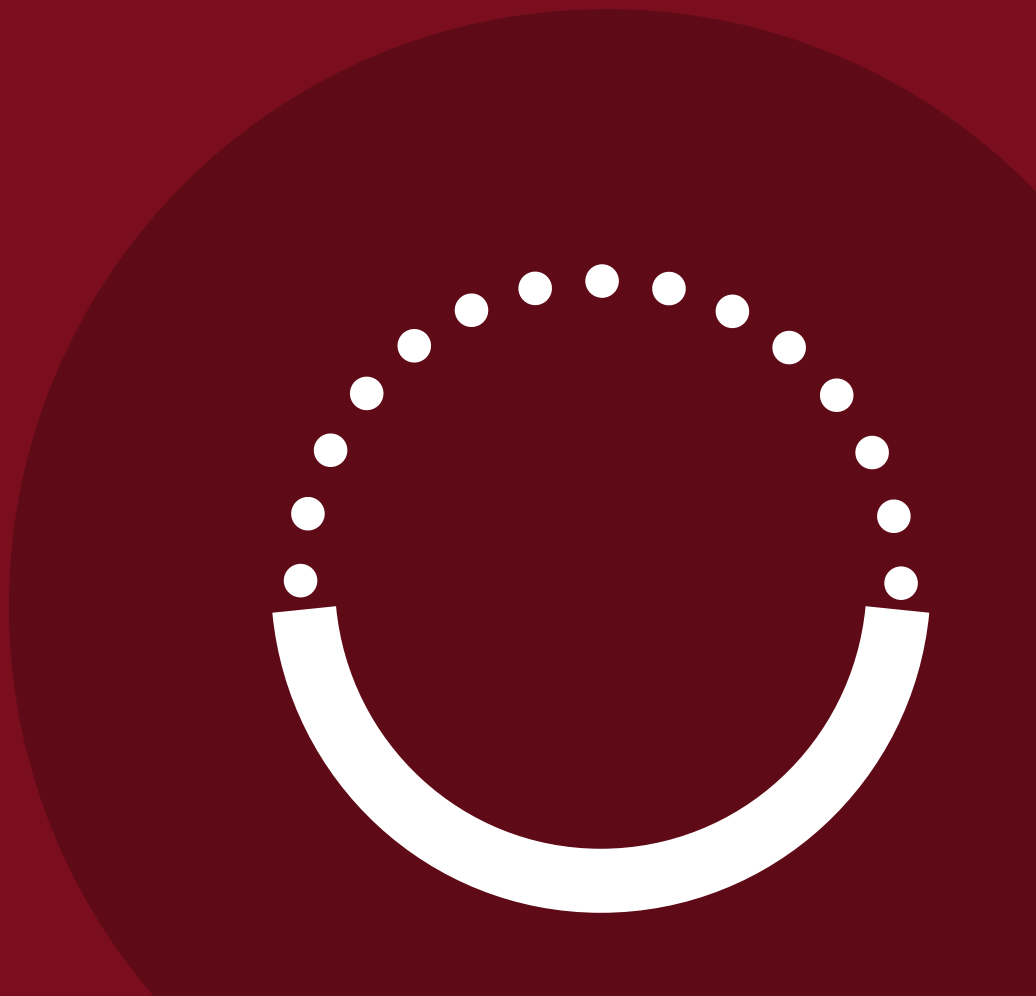
Beautifully designed with all round vision.

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.

50

51

Speedy Ph-4S	51
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Technical features	54





Speedy Ph-4S

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.

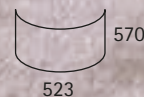


TECHNICAL FEATURES

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

See page 86 for technical details

Door dimension:



523

MAGIC 300

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.

52

53

TECHNICAL FEATURES

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

See page 86 for technical details



Door dimension:



578

609

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.

54

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.

55

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

Attachments for the flue gas connection

Options include: a water heating adapter, an attachment for heat storage stones, a convection air ducting connection, a flat flue gas connection, an airbox for the reduction of fine particles and an air control attachment.

Accessories for optimum combustion

S-Thermatik NEO, S-Kamatik (draft controls), SESAM 2 (remote-controlled window pane lift), S-USI 2 (low-pressure switch for balanced flue operation)

Safe and convenient window construction

Our fire windows are made from the very finest heat resistant glass and designed to be easily accessible for cleaning and maintenance.

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 on page 89 and 90.

*»We design our
fireplace inserts
with attention
to every detail.«*



PREMIUM EDITION

The pinnacle of wood fire perfection.

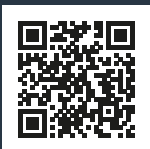
Spartherm Premium Edition is a selection of fireplace inserts that represents the very highest standards of fireplace design and technology. That is why they have won numerous prestigious design awards and are the jewel in the crown of the Spartherm range.



58

59

Premium A-U-70h	59
Premium A-3RL-80h	60
Technical features	62



Film:
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 output: 11 kW · Door function: elevating · Energy efficiency class: A+

See page 80 for technical details

Door dimension:



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.

60

61

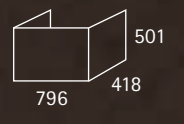
TECHNICAL FEATURES

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

See page 80 for technical details



Door dimension:



PREMIUM EDITION

Stunning design meets smart technology.

Premium Edition is not simply the most beautifully designed and technically advanced range of fireplaces, there are lots of optional extras to make your experience even more agreeable

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.

62

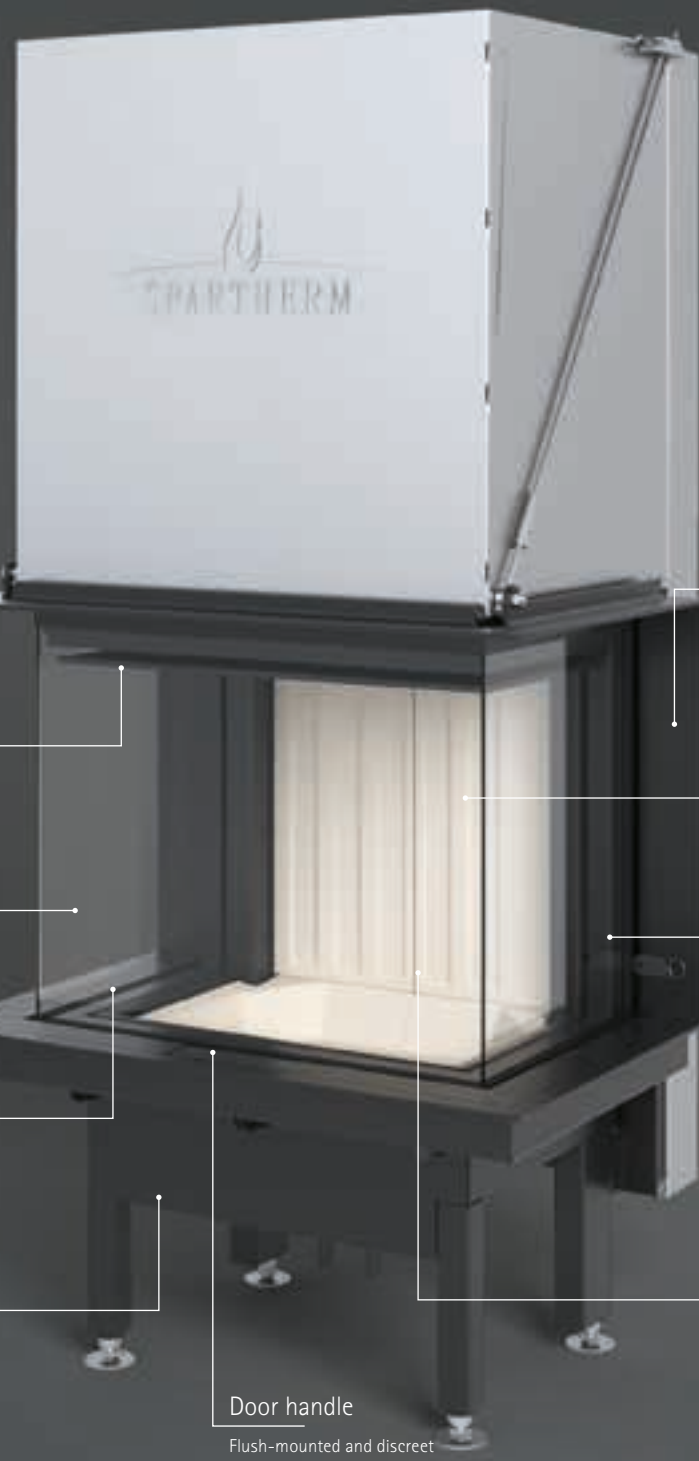
The surrounding cover is available in stainless steel, providing a clean and understated appearance.

63

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.



Steel covers

Also available in stainless steel for a clean finish and simple readjustment

Paint system

For a deep black, scratch resistant finish

Air washing

Pre-heated air keeps the windows clean

Door opening

A patented convenient door opening mechanism

Frameless view

An uninterrupted view of the fire with no visible frames or handles.

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

Polished glass

Highly transparent and anti-reflective for a clear view

Double air flap

For correct distribution of the combustion air (depending on the model)

Door handle

Flush-mounted and discreet

Accessories for accurate combustion

- S-Thermatik NEO,
- S-Kamatik (draught controls),
- SESAM 2 (remote-controlled window pane lift),
- S-USI II (low-pressure switch for balanced flue operation)



64

65



»Our most beautiful heirloom, the traditional tiled stove.«

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.

66

67

Renova B-Air	67
Renova C-Air	68
Technical features	70



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

See page 88 for technical details

Door dimension:

510

380

68

69

TECHNICAL FEATURES

Nominal output: 7.8 kW (lignite) 8.5kW (wood) · Door function: hinged · Energy efficiency class: A+

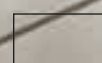
See page 88 for technical details

Renova C-Air

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.



Door dimension:



379

417

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.

Both models can take up to 10 kg of firewood, whilst the Renova C-Air model has 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.



Accessories

S-Thermatik NEO for automatic combustion air regulation

Austenitic steel

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

Connection

Lateral connection possible

Lining

Eboris firebox lining for maximum combustion temperatures and low emissions

Steel structure

Low weight for simple replacement

Large firebox

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

Faceplates

Comprehensive selection

Cold handles

Convenient operation

Air flow

Correct combustion for efficient heating

Optional support frame

Built on over 30 years of innovation.

Since 1986, Spartherm has blazed a trail for fireplace design and innovation. Our standards of materials, craftsmanship and technology are the very highest in our field. We make fireplace inserts and stoves for the 21st century that are superior in style, form, function and energy efficiency.

72

73

Heat retention systems	75
Water heating fireplace inserts	77
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The logo for 'Tec' is centered within a large, dark circular graphic. The word 'Tec' is written in a clean, white, sans-serif font. It is enclosed in a rectangular border composed of small white dots, with the text itself positioned in the center of this dotted frame.

Tec

Soaring



HEATING C/

 **25**
CURRENT TEMP.

 **100**
AIR SLIDE CO



Home

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

Spartherm heat retention systems enable the storage of supplementary heat in and around the combustion chamber long after the logs have burnt down. This heat is then released into the home, providing an extended period of warmth and comfort whilst conserving valuable energy.

The optional heat retaining devices, which are exclusive to Spartherm, consist of highly compressed heat exchanging materials that are utilised as a thermal mass that slowly release more heat over time.

74

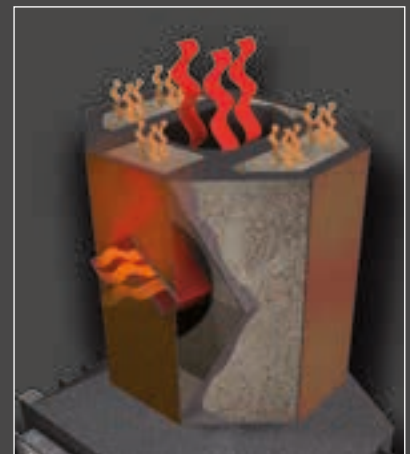
75

There are 3 kinds of heat retention devices as follows:

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 up to 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/dm³ and ensures excellent heat retention and distribution.



Eboris

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.



Varia 2R-55h-4S H₂O

76
77

TECHNICAL FEATURES

Nominal output: 7 kW, Δ 4.2 kW · Door function: elevating · Energy efficiency class: A+

Optional version: H₂O water heating function, DIBt inspected · See page 88 for technical details

Door dimension:





WATER HEATING FIREPLACE INSERTS

Spartherm H₂O models. The creative way to heat your domestic hot water.

Water-heating fireplace inserts

The energy that is generated by a Spartherm H₂O 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.

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 H₂O 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.

You can find our range of H₂O models on pages 86 to 88.

Aquabox. The ingenious water heating solution for wood fire inserts

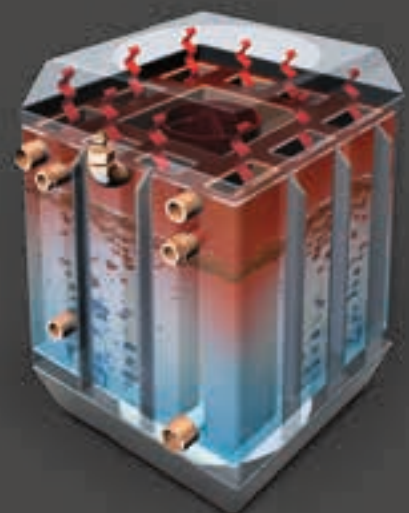
An Aquabox is an ingenious water heating solution that is compatible with standard Spartherm fireplace inserts. It comprises a specially designed water tank, combined with a heat exchanger that encloses the fire insert chamber, using the energy from the fire to heat the water that is held in the compartments 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.

neering (DIBt) no: Z-43.31-198).



Practical and intelligent solutions for your fireplace insert.

Spartherm fireplace inserts are not only the most beautifully designed and expertly engineered appliances that money can buy. You can also choose from a range of optional accessories to enhance the enjoyment of and functionality of your wood fire.

These clever devices have been developed over many years of fireplace invention and innovation. They enable ease of control, safety of operation, efficiency of combustion and the lowering of emissions in the atmosphere.

It all adds up to a superior wood fire experience.

S-Thermatik NEO

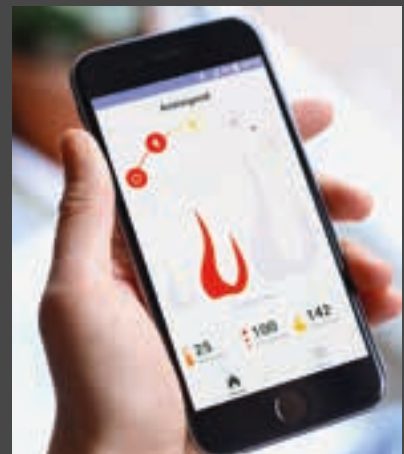
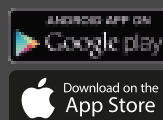
The intelligent wood fire app

The exclusive Spartherm S-Thermatik NEO app is available for smartphones and tablets and is compatible with all Spartherm wood fire inserts.

When combined with the fire's electronic operating system, the app allows you to adjust the fuel, temperature and air supply from anywhere in the room, using its simple touch screen display.

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Features include:

- Bluetooth connection to mobile devices available in nine languages: DE, GB, NL, FR, IT, ES, CZ, PL, SE
- Graphic display of combustion status.
- Visual and audible alarms for adding more fuel
- Automatic positioning of the air control lever in the event of a power cut so heating can be continued manually
- Can be configured to work with the automatic elevating door (SESAM 2)

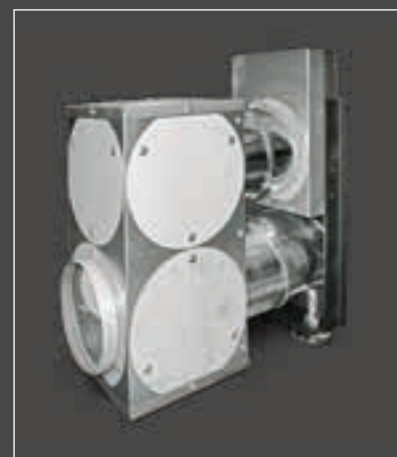
S-USI II

Automatic air shutdown function

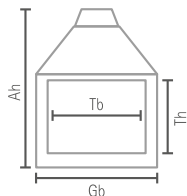
This automatic function stops the air supply to the fireplace insert if the appliance develops a fault that could make it unsafe to operate. It has been technically certified and approved by the German Institute for Structural Engineering (DIBt).

Draught controls

There are 3 types of air control depending on the model of wood fire insert. They are S-Kamatik, S-Kamatik Plus and S-Kamatik PRO II. They provide high levels of user comfort and maximum burn through of the logs, while reducing soot and emissions at the same time.



Technical data












PremiumEdition PE

Flat panes



		Premium V-Ash	Premium V-2L-80h / Premium V-2R-80h	Premium A-U70h	Premium A-3RL-60h	Premium 3RL-80h	Mini R1V-4S	Mini Z1-7.0/10.0 kW-4S		
Fireplace insert										
Dimensions	Door dimension width [Tb]	mm	874	807	501	598	792	450	450	
	Door dimension height [Th]	mm	338	501	501	501	501	516 576	515 575	
	Overall width [Gb]	mm	950	993	675	772	972	540	540	
	Overall depth [Gt]	mm	508	594	978	625	656	454	591	
	Connection height [Ah]	mm	1094	1521 1498	1369 1344	1652 1628	1522 1498	1127 1187	1272 1332	
	Flue gas connection Ø	mm	180	250 200	250 200	250 200	250 200	160	180	
Operating performance	Standard	Energy efficiency class	A+	A+	A+	A+	A+	A+	A+	
		Nominal output	kW	7.0	10.5	11.4	10.0	11.4	5.2 5.0	7.0
		Thermal output range	kW	4.9 – 9.1	7.4 – 13.7	8.0 – 14.8	7.0 – 13.0	8.0 – 14.8	4.5 – 6.8	4.9 – 9.1
		Efficiency	%	> 80	80.0	> 80	> 80	80.0	80 > 80	> 78
		Flue gas temperature	°C	275	272	296	270	275	358 334	330
	S	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	with NSHF	Energy efficiency class	A+	-	-	-	-	A+	A+	
		Nominal output	kW	11.0	-	-	-	-	6.2	10.0
		Thermal output range	kW	7.7 – 14.3	-	-	-	-	4.5 – 8.1	7.0 – 13.0
		Efficiency	%	> 85	-	-	-	-	> 85	> 85
		Flue gas temperature	°C	347	-	-	-	-	355	470
	Export	Energy efficiency class	A+	A+	A+	A+	A+	-	-	
		Nominal output	kW	11.0	16.8	15.6	13.4	-	-	
		Thermal output range	kW	7.7 – 14.3	11.8 – 21.2	10.9 – 20.3	9.4 – 17.4	-	-	
		Efficiency	%	80.0	80.0	> 80	> 80	-	-	
		Flue gas temperature	°C	340	321	321	284	-	-	
Min. supply pressure	Pa	12	12	12	12	12	12	14		
CO ₂ emission	mg/Nm ³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250		
Dust emission	mg/Nm ³	< 40	< 40	< 40	< 40	< 40	< 40	< 40		
Tests	Operation with open fire door	-	-	-	-	-	-	✓ -		
	2nd level BImSchV	✓	✓	✓	✓	✓	✓	✓		
	15a BVG	✓	✓	✓	✓	✓	✓	✓		
Info	Door function		elevating	elevating	elevating	elevating	elevating	hinged	hinged	
	Weight	kg	219	350	357	279	337	129 132	164 172	
	Glazing		single	single	single	single	single	single	single	

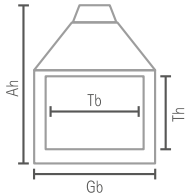
NSHF = with additional heating surface | S = fireplace with low output

								
Mini S-4S	Mini Sh-4S	Varia 1V-4S	Varia 1Vh-4S	Varia 1V-100h-4S	Varia Sh-4S	Varia AS-4S	Varia ASH-4S	Varia Ah-4S
604	606	675	671	1006	746	753	730	881
516	513	518 578	513 573	700	623	378	373	440
698	766	760	805	1143	913	860	910	1018
422	439	558	574	502	526	406	422	612
1176	1175	1296 1356	1236 1296 1356	1462	1307	1093	1093	1371
180	180	200	200	250	200	180	180	200
A	A	A+	A A+ A+	A+	A+	A+	A+	A+
7.0	7.0	11.0	11.0	10.4	11.0	7.0	7.0	10.4
4.9-9.1	4.9-9.1	7.7-14.3	7.7-14.3	7.3-13.5	7.7-14.3	4.9-9.1	4.9-9.1	7.3-13.5
> 78	> 78	> 80	78 > 80 > 80	80.0	80.0	> 80	> 80	> 80
290	290	217 225	355 288 305	275	300	275	275	310
-	-	A+	A	-	-	-	-	-
-	-	7.0	7.0	-	-	-	-	-
-	-	4.9-9.1	4.9-9.1	-	-	-	-	-
-	-	> 80	> 80	-	-	-	-	-
-	-	300.0	300.0	-	-	-	-	-
-	-	A+	-	-	-	A+	A+	-
-	-	17.0	-	-	-	11.0	11.0	-
-	-	11.9-21.2	-	-	-	7.7-14.3	7.7-14.3	-
-	-	> 80 > 85	-	-	-	> 85	> 85	-
-	-	337 364	-	-	-	347	347	-
-	-	A+	A	A+	-	A+	A+	-
-	-	17.5	17.5	17.0	-	11.0	11.0	-
-	-	12.3-21.2	12.3-21.2	11.9-21.2	-	7.7-14.3	7.7-14.3	-
-	-	> 78	> 78	80.0	-	> 80	> 80	-
-	-	330 333	- 330 333	319.0	-	340.0	340.0	-
14	14	12	12	12 13	11	12	12	12
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
✓	✓	-	✓	-	-	✓	-	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓*	✓*	✓	✓*	✓	✓	✓	✓	✓
hinged	elevating	hinged	elevating	elevating	elevating	hinged	elevating	elevating
142	175	217 225	220 245 250	394	272	166	209	305
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 mm

Technical data

Flat panes 












Fireplace insert		Varia Bh-4S	Varia B-120h-4S	Varia M-60h-4S	Varia M-80h-4S	Varia M-100h-4S	Arte 1Vh-66-4S-2	Arte Bh-4S		
Dimensions	Door dimension width [Tb]	mm	1006	1206	602	802	1006	396	656	
	Door dimension height [Th]	mm	523	523	523	523	523	663	805	
	Overall width [Gb]	mm	1140	1340	737	937	1141	571	823	
	Overall depth [Gt]	mm	520	512	464	464	464	565	526	
	Connection height [Ah]	mm	1187	1293	1450	1450	1450	1495	1393	
	Flue gas connection Ø	mm	200	250	200	200	200	180	200	
Operating performance	Standard	Energy efficiency class	A	A	A	A	A	A+	A	
		Nominal output	kW	9.0	15.0	7.0	9.0	11.0	6.6	11.0
		Thermal output range	kW	6.3 – 11.7	10.5 – 19.5	4.9 – 9.1	6.3 – 11.7	7.7 – 14.3	4.6 – 8.6	7.7 – 14.3
		Efficiency	%	> 80	78.0	> 78	> 78	> 78	> 85	> 78
		Flue gas temperature	°C	267	296	330	310	340	241	350
	S	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	with NSHF	Energy efficiency class	-	-	-	-	-	A+	-	
		Nominal output	kW	-	-	-	-	10.4	-	
		Thermal output range	kW	-	-	-	-	7.3 – 13.5	-	
		Efficiency	%	-	-	-	-	> 85	-	
		Flue gas temperature	°C	-	-	-	-	292	-	
	Export	Energy efficiency class	-	-	-	-	-	A+	-	
		Nominal output	kW	-	-	-	-	14.0	-	
		Thermal output range	kW	-	-	-	-	9.8 – 18.2	-	
		Efficiency	%	-	-	-	-	> 80	-	
		Flue gas temperature	°C	-	-	-	-	322.0	-	
Min. supply pressure	Pa	12	12	12	12	14	12	12		
CO ₂ emission	mg/Nm ³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250		
Dust emission	mg/Nm ³	< 40	< 40	< 40	< 40	< 40	< 40	< 40		
Tests	Operation with open fire door	-	-	-	✓	✓	-	✓		
	2nd level BImSchV	✓	✓	✓	✓	✓	✓	✓		
	15a BVG	-	✓*	✓*	✓*	✓*	✓	✓*		
Info	Door function	elevating	elevating	elevating	elevating	elevating	elevating	elevating		
	Weight	kg	306	369	239	291	330	243	287	
	Glazing		single	single	single	single	single	single	single	

NSHF = mit Nachschaltheizfläche | S = Brennzelle mit geringer Leistung

Double sided 

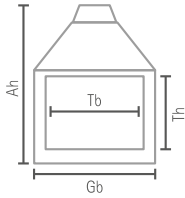
L-shaped pane 

								
Mini S-FDh-4S	Varia FD-4S	Varia FDh-4S	Varia AS-FDh-4S	Varia A-FDh-4S	Varia B-FDh-4S	Mini 2L-4S/2R-4S	Mini 2LRh-4S	Varia 2L-50 / Varia 2R-50
606 f 609 r	675 f 674 r	671 f 680 r	730 f 753 r	881 f 888 r	1006 f 1008 r	458	466 x 466	517 x 309
513f / 510r	510f/510r 570f/570r	514f/518r 574f/578r	371 f / 373 r	440 f / 436 r	524 f / 522 r	513	505 565	503
771	762	805	950	1015	1210	506	523	598
588	607	636	442	603	674	458	561	434
1051	1268 1497	1223 1283	1069	1233	1305	1244	1245 1305	1421
200	250	250	180	250	250	180	180	180
A	A+	A+	A+	A+	A+	A+	A+	A+
6.0	11.6	11.6	7.0	10.4	11.0	7.0	7.0	7.0
4.5-7.8	8.1-15.1	8.1-15.1	4.9-9.1	7.3-13.5	7.7-14.3	4.9-9.1	4.9-9.1	4.9-9.1
> 78	80.0	80.0	> 80	> 80	> 79	80.0	80.0	> 80
360	305	305	290	300	300	343	343	243
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	A+	-	-	-	-	-
-	-	-	11.0	-	-	-	-	-
-	-	-	7.7-14.3	-	-	-	-	-
-	-	-	> 80	-	-	-	-	-
-	-	-	272	-	-	-	-	-
-	-	-	A+	-	-	A	A	-
-	-	-	11.0	-	-	11.0	11.0	-
-	-	-	7.7-14.3	-	-	7.7-14.3	7.7-14.3	-
-	-	-	> 80	-	-	77.0	77.0	-
-	-	-	320.0	-	-	366.0	366.0	-
12	12	12	12	12	12	12 12.5	12	12
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
✓	✓	-	-	✓	✓	-	-	-
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓*	✓	✓	✓	✓	✓**	✓	✓	✓
elevating	elevating	elevating	elevating	elevating	elevating	hinged	elevating	hinged
266	265	265	206	314	390	166	199 211	136
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 mm
 ** structural alterations necessary, makes cleaning more difficult

Technical data

L-shaped pane 













Fireplace insert		Varia 2L-50h / Varia 2R-50h	Varia 2L-55-4S / Varia 2R-55-4S	Varia 2L-55h-4S / Varia 2R-55h-4S	Varia 2Lh-4S / Varia 2Rh-4S	Varia AS-2Lh-4S / Varia AS-2Rh-4S	Varia 2L-80h-4S / Varia 2R-80h-4S	Varia 2L-100h-4S / Varia 2R-100h-4S		
Dimensions	Door dimension width [Tb]	mm	533 x 324	577 x 384	584 x 392	685 x 465	730 x 358	802 x 412	1002 x 412	
	Door dimension height [Th]	mm	504	519	514	512 572	370	512	523	
	Overall width [Gb]	mm	654	619	654	778	882	948	1148	
	Overall depth [Gt]	mm	468	428	462	606	441	508	508	
	Connection height [Ah]	mm	1421	1436	1344	1323 1383	1099	1323	1361	
	Flue gas connection Ø	mm	180	180	180	200	200	200	250	
Operating performance	Standard	Energy efficiency class	A+	A+	A+	A+	A+	A+	A+	
		Nominal output	kW	7,0	7,0	7,0	11,0	7,0	10,4	11,0
		Thermal output range	kW	4,9-9,1	4,9-9,1	4,9-9,1	7,7-14,3	4,9-9,1	7,2-13,5	7,7-14,3
		Efficiency	%	> 80	> 80	> 80	80,0	80,0	> 80	> 78
		Flue gas temperature	°C	243	325	325	330	311	283	280
	S	Energy efficiency class	-	-	-	A	-	-	-	
		Nominal output	kW	-	-	-	7,0	-	-	
		Thermal output range	kW	-	-	-	4,9-9,1	-	-	
		Efficiency	%	-	-	-	> 78	-	-	
		Flue gas temperature	°C	-	-	-	245,0	-	-	
	with NSHF	Energy efficiency class	-	-	-	A+	-	-	-	
		Nominal output	kW	-	-	-	12,0	-	-	
		Thermal output range	kW	-	-	-	8,4-15,6	-	-	
		Efficiency	%	-	-	-	80,0	-	-	
		Flue gas temperature	°C	-	-	-	350	-	-	
	Export	Energy efficiency class	-	-	-	-	A+	A+	-	
		Nominal output	kW	-	-	-	-	11,0	16,0	
		Thermal output range	kW	-	-	-	-	7,7-14,3	11,2-20,8	
		Efficiency	%	-	-	-	-	80,0	> 80	
		Flue gas temperature	°C	-	-	-	-	349,0	305,0	
Min. supply pressure	Pa	12	12	12	12	12	12	12		
CO ₂ emission	mg/Nm ³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250		
Dust emission	mg/Nm ³	< 40	< 40	< 40	< 40	< 40	< 40	< 40		
Tests	Operation with open fire door	-	✓	✓	✓	-	-	✓		
	2nd level BImSchV	✓	✓	✓	✓	✓	✓	✓		
	15a BVG	✓	✓	✓	✓	✓	✓	✓		
Info	Door function	elevating	hinged	elevating	elevating	elevating	elevating	elevating		
	Weight	kg	180	161	222	257 277	199	272	317	
	Glazing		single	single	single	single	single	single		

NSHF = with additional heating surface | S = fireplace with low output

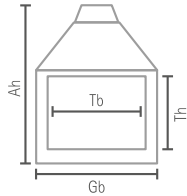
*** fulfils 15a not for export

U-shaped pane

									
Arte 2LRh-66-4S	Varia AS-3RLh-4S	Varia C-45h-4S	Varia Ch-4S	Arte U-50h-4S	Arte U-70h-4S	Arte U-90h-4S	Arte 3RL-60h-4S	Arte 3RL-80h-4S	Arte 3RL-100h-4S
363 x 363	358 x 730	190 x 510	312x 646	499 x 501	717 x 509	913 x 556	370 x 600	400 x 800	450 x 1000
663	400	526	526	544	507	507	507	507	550
474	769	558	681	540	509	597	625	806	1039
474	494	476	643	697	894	1091	557	586	586
1493	1212	1366	1476	1337 1359	1344 1369	1316 1340	1498 1522	1498 1522	1560
180	200	180	250	200 250	200 250	200 250	200 250	200 250	250
A+	A+	A+	A+	A	A+	A	A+	A+	A
6,4	8,4	8,0	9,0	9,0	11,0	13,0	10,0	11,4	11,0
4,5-8,3	5,9-10,9	5,6-10,4	6,3-11,7	6,3-11,7	7,7-14,3	9,1-16,9	7,0-13,0	8,0-14,8	7,7-14,3
> 80	80,0	> 80	80,0	80,0	> 78	> 78	> 80	80,0	> 78
275	283	255	340	310	310	310	270	275	360
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
A+	-	-	-	-	-	-	-	-	-
10,4	-	-	-	-	-	-	-	-	-
7,3-13,5	-	-	-	-	-	-	-	-	-
> 85	-	-	-	-	-	-	-	-	-
327	-	-	-	-	-	-	-	-	-
A+	A+	-	-	-	-	-	A+	-	-
12,0	11,7	-	-	-	-	-	13,4	-	-
8,4-15,6	8,2-15,2	-	-	-	-	-	9,4-17,4	-	-
80,0	80,0	-	-	-	-	-	> 80	-	-
350,0	305,0	-	-	-	-	-	284,0	-	-
12	12	12	14	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
✓	-	-	✓	-	-	-	-	-	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓*	✓*	✓	✓	✓*
elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating
186	224	230	309	235	375	392	264	337	381
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 mm

Technical data













Round panes  H₂O



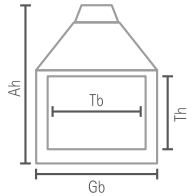
Fireplace insert		Speedy Ph-4S	Magic	Mini Z1 H ₂ O-4S	Mini Z1 H ₂ O XL-4S	Mini Z1h H ₂ O XL-4S	Varia 1V H ₂ O-4S	Varia 1Vh H ₂ O-4S		
Dimensions	Door dimension width [Tb]	mm	523	609	450	450	441	680	671	
	Door dimension height [Th]	mm	570	573	509	516	513	518	513	
	Overall width [Gb]	mm	523	750	644	644	625	799	805	
	Overall depth [Gt]	mm	538	895	643	643	670	564	592	
	Connection height [Ah]	mm	1330	1389	1519	1519	1519	1469	1469	
	Flue gas connection Ø	mm	160	180	180	180	180	180	180	
Operating performance	Standard	Energy efficiency class	A+	A+	A+	A+	A+	A+	A+	
		Nominal output	kW	7.0	12.0	7.0 Δ 5.5	10.0 Δ 8.0	10.0 Δ 8.0	8.0 Δ 5.0	8.0 Δ 5.0
		Thermal output range	kW	4.9–9.1	8.4–15.6	4.9–9.1	7.0–13.0	7.0–13.0	5.6–10.4	5.6–10.4
		Efficiency	%	> 80	80.0	> 85	> 85	> 85	> 80	> 80
		Flue gas temperature	°C	290	370	235	245	245	240	240
	S	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	with NSHF	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	Export	Energy efficiency class	-	-	-	-	-	A+	A+	
		Nominal output	kW	-	-	-	-	11.0 Δ 6.0	11.0 Δ 6.0	
		Thermal output range	kW	-	-	-	-	7.7–14.3	7.7–14.3	
		Efficiency	%	-	-	-	-	> 80	> 80	
		Flue gas temperature	°C	-	-	-	-	250.0	250.0	
Min. supply pressure	Pa	12	11	12	12	12	12	12		
CO ₂ emission	mg/Nm ³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250		
Dust emission	mg/Nm ³	< 40	< 40	< 40	< 40	< 40	< 40	< 40		
Tests	Operation with open fire door	-	-	-	-	-	-	-		
	2nd level BImSchV	✓	✓	✓	✓	✓	✓	✓		
	15a BVG	-	✓	✓	✓	✓	✓	✓		
Info	Door function	elevating	hinged	hinged	hinged	elevating	hinged	elevating		
	Weight	kg	210	305	273	273	308	336	374	
	Glazing		single	single	double	double	double	single	single	

NSHF = with additional heating surface | S = fireplace with low power output | Δ = water-side power output

									
Varia 1V H ₂ O XL-4S	Varia 1Vh H ₂ O XL-4S	Varia 1V H ₂ O XXL-4S	Varia 1Vh H ₂ O XXL-4S	Varia 1VX H ₂ O-4S	Varia 1VXh H ₂ O-4S	Varia Ah H ₂ O-4S	Varia FD H ₂ O-4S	Varia FDh H ₂ O-4S	Varia A-FDh H ₂ O-4S
680	671	680	671	680 f / 680 r	671 f / 420 r	881	680 f / 677 r	671 f / 680 r	881 f / 888 r
518	513	518	513	544 f / 440 r	514 f / 440 r	440	516 f / 518 r	514 f / 518 r	440 f / 441 r
799	808	886	886	786	876	1084	765	873	1081
564	592	621	649	764	777	623	608	624	604
1477	1477	1477	1477	1438	1405	1497	1438	1404	1347
200	200	200	200	200	200	200	200	200	200
A+	A+	A+	A+	A+	A+	A+	A+	A+	A+
9.0 Δ 6.0	9.0 6.0	15.0 Δ 11.0	15.0 Δ 11.0	10.0 Δ 6.4	10.0 Δ 6.4	10.4 Δ 7.2	10.0 6.4	10.0 Δ 6.4	10.4 Δ 6.2
6.3 - 11.7	6.3 - 11.7	10.5 - 19.5	10.5 - 19.5	7.0 - 13.0	7.0 - 13.0	7.3 - 13.5	7.0 - 13.0	7.0 - 13.0	7.3 - 13.5
> 85	> 85	> 85	> 85	> 80	> 80	> 85	> 80	> 80	> 80
220	220	225	225	202	202	230	202	202	260
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
A+	A+	A+	A+	A+	A+	A+	A+	A+	A+
12.0 Δ 8.5	12.0 Δ 8.5	21.0 Δ 15.0	21.0 Δ 15.0	15.0 Δ 9.4 / 21.0 Δ 9.7	15.0 Δ 9.4 / 21.0 Δ 9.7	14.0 Δ 9.8	15.0 Δ 9.4 / 21.0 Δ 13.2	15.0 Δ 9.4 / 21.0 Δ 13.2	15.0 Δ 9.0
8.4 - 15.6	8.4 - 15.6	14.7 - 21.2	14.7 - 21.2	10.5 - 19.5 14.7 - 21.2	10.5 - 19.5 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
> 80	85.0	> 85	> 85	85 > 85	85 > 85	> 80	85 > 85	85 > 85	> 85
235.0	235.0	240.0	240.0	217 226	217 226	250.0	217 226	217 226	240.0
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	elevating	hinged	elevating	hinged	elevating	elevating	hinged	elevating	elevating
341	379	351	389	364	425	471	352	413	424
double	double	double	double	single	single	double	double	double	double

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

Technical data













H₂O

Classic tiled stove inserts CL

		H ₂ O		Classic tiled stove inserts CL						
		Varia 2L/2R-55h H ₂ O-4S	Varia 2Lh/2Rh H ₂ O-4S	Renova B Air with NSHF	Renova C Air with NSHF (wood)	Renova C Air with NSHF (lignite)	Nova F Air	Nova E H ₂ O with NSHF		
Fireplace insert										
Dimensions	Door dimension width [Tb]	mm	584 x 392	685 x 465	380	417	417	445	450	
	Door dimension height [Th]	mm	515	512	510 570	379	379	510 570	457	
	Overall width [Gb]	mm	650	797	385	412	480	480	477	
	Overall depth [Gt]	mm	494	618	568	456	505	721	783	
	Connection height [Ah]	mm	1570	1538	844 994	935	985	874 1003	1237	
	Flue gas connection Ø	mm	180	200	180	160	160	150	180	
Operating performance	Standard	Energy efficiency class	A+	A+	-	-	-	-	-	
		Nominal output	kW	7.0 Δ 4.2	10.4 Δ 5.9	-	-	-	-	-
		Thermal output range	kW	4.9 - 9.1	7.3 - 13.5	-	-	-	-	-
		Efficiency	%	> 85	> 80	-	-	-	-	-
		Flue gas temperature	°C	230	285	-	-	-	-	-
	S	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	with NSHF	Energy efficiency class	-	-	A+	A+	A+	A+	A+	
		Nominal output	kW	-	-	8.8	8.5	7.8	10.1	14.0 9.0
		Thermal output range	kW	-	-	6.2 - 11.4	6.0 - 11.1	5.5 - 10.1	7.1 - 13.1	9.8 - 18.2
		Efficiency	%	-	-	> 85	> 85	> 85	> 85	> 85
		Flue gas temperature	°C	-	-	357	-	-	355	-
	Export	Energy efficiency class	A+	A+	-	-	-	-	-	
		Nominal output	kW	12.0 Δ 7.2	14.7 Δ 8.4	-	-	-	-	-
		Thermal output range	kW	8.4 - 15.6	10.3 - 19.1	-	-	-	-	-
		Efficiency	%	> 80	> 80	-	-	-	-	-
		Flue gas temperature	°C	235.0	265.0	-	-	-	-	-
Min. supply pressure	Pa	12	12	12	12	12	12	12		
CO ₂ emission	mg/Nm ³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250		
Dust emission	mg/Nm ³	< 40	< 40	< 40	< 40	< 40	< 40	< 40		
Tests	Operation with open fire door	-	-	-	-	-	-	-		
	2nd level BImSchV	✓	✓	✓	✓	✓	✓	✓		
	15a BVG	✓	✓	✓	✓	✓	✓	✓		
Info	Door function	elevating	hinged	hinged	hinged	hinged	hinged	hinged		
	Weight	kg	384	367	140	105	110	195	298	
	Glazing		single	double	single	double	double	single	double	

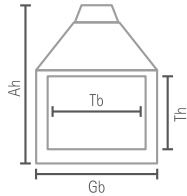
NSHF = with additional heating surface | S = fireplace with low power output | Δ = water-side power output

RLU

									
Renova A H ₂ O with NSHF	Mini R1V-4S RLU	Mini Z1-4S RLU	Mini S-4S RLU	Mini Sh-4S RLU	Varia 1V-4S RLU	Varia 1Vh-4S RLU	Varia AS-4S RLU	Varia ASh-4S RLU	Varia Sh-4S RLU
395	450	450	609	606	680	671	753	773	746
485	518 578	518 578	518	513	518 578	514 574	382	371	623
422	540	540	698	769	760	805	860	918	913
703	454	558	422	450	558	586	406	434	526
1033	1008 1068	1296 1356	1175	1175	1296 1356	1236 1296 1356	1093	1093	1307
180	160	180	180	180	200	200	180	180	200
-	A+	A	A	A	A+	A+	A+	A+	A+
-	5.2	7.0	7.0	7.0	11.0	11.1 11.0	7.0	7.0	11.0
-	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	4.9-9.1	7.7-14.3
-	80 > 80	> 78	> 78	> 78	> 80 80	80.0	> 80	> 80	80.0
-	358 334	330	290	290	288 305	332 315	275	275	300
-	-	-	-	-	A+	-	-	-	-
-	-	-	-	-	7.0	-	-	-	-
-	-	-	-	-	4.9-9.1	-	-	-	-
-	-	-	-	-	> 80	-	-	-	-
-	-	-	-	-	300.0	-	-	-	-
A+	-	-	-	-	-	-	-	-	-
13.4 6.9	-	-	-	-	-	-	-	-	-
9.4-17.4	-	-	-	-	-	-	-	-	-
> 85	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
12	12	12	12	11	12	12	12	12	11
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
-	-	-	-	-	-	-	-	-	-
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓*	✓*	✓*	✓	✓	✓	✓	✓
hinged	elevating	hinged	elevating	hinged	elevating	elevating	hinged	elevating	elevating
200	129 132	164 172	174	205	217 225	255 263	166	209	272
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 mm

Technical data



RLU



Fireplace insert		Varia M-80h-4S RLU	Varia Bh-4S RLU	Arte 1Vh-66-4S RLU	Varia FD-4S RLU	Varia 2L/2R-55h-4S RLU	Mini Z1 H ₂ O-4S RLU	Mini Z1 H ₂ O XL-4S RLU		
Dimensions	Door dimension width [Tb]	mm	802	1006	396	680 f / 680 r	391 x 583	450	450	
	Door dimension height [Th]	mm	523	523	663	518 f / 518 r	510	523	523	
	Overall width [Gb]	mm	942	1143	573	762	620	644	644	
	Overall depth [Gt]	mm	476	530	575	608	428	643	643	
	Connection height [Ah]	mm	1450	1187	1495	1268	1346	1519	1519	
	Flue gas connection Ø	mm	200	250	180	250	180	180	180	
Operating performance	Standard	Energy efficiency class	A	A	A+	A+	A+	A+	A+	
		Nominal output	kW	9.0	10.4	6.6	11.6	7.0	7.0 5.5	10.0 8.0
		Thermal output range	kW	6.3 – 11.7	7.3 – 13.5	4.6 – 8.6	8.1 – 15.1	4.9 – 9.1	4.9 – 9.1	7.0 – 13.0
		Efficiency	%	> 78	> 78	> 85	> 78	> 80	> 85	> 85
		Flue gas temperature	°C	310	311	241	305	325	235	245
	S	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	with NSHF	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
	Export	Energy efficiency class	-	-	-	-	-	-	-	
		Nominal output	kW	-	-	-	-	-	-	
		Thermal output range	kW	-	-	-	-	-	-	
		Efficiency	%	-	-	-	-	-	-	
		Flue gas temperature	°C	-	-	-	-	-	-	
Min. supply pressure	Pa	12	12	12	11	12	12	12		
CO ₂ emission	mg/Nm ³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250		
Dust emission	mg/Nm ³	< 40	< 40	< 40	< 40	< 40	< 40	< 40		
Tests	Operation with open fire door	-	-	-	-	-	-	-		
	2nd level BImSchV	✓	✓	✓	✓	✓	✓	✓		
	15a BVG	✓*	✓*	✓	-	✓	✓	✓		
Info	Door function	elevating	elevating	elevating	hinged	elevating	hinged	hinged		
	Weight	kg	291	350	243	212	222	273	220	
	Glazing		single	single	single	single	single	double	double	

NSHF = with additional heating surface | S = fireplace with low output

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

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