SPARTHERM®
The Fire Company

Fireplace inserts – and much more

The individual fireplace with a built-in fireplace insert

SPARTHERM supplies modern, durable fireplace inserts featuring winning technology and design. We commit all our know-how and technical skill when making our inserts because – after all – they are the heart of the fireplace. Our fireplace inserts are special for their "inner values"!

SPARTHERM®
The Fire Company

SPARTHERM – The Fire Company

Be inspired.

Gerhard Manfred Rokossa
Founder and owner

Quality and variety

SPARTHERM's high quality standards are unrivalled, be it for visionary prospects on future fireplace inserts or reliability and diversity of the existing product range. Straightforward design, modernity and technological perfection are the hallmarks of all SPARTHERM fireplace inserts.

You can find further models on the internet at www.spartherm.com

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Quality.
Design.
Innovation.

All change

Anyone building or renovating wonders what the future will bring. Rising energy prices, shrinking resources, climate change – those are just a few of the issues.

Gerhard Manfred Rokossa, founder and owner of Spartherm, has a personal motto:

„Quality, design, innovation:
a triad to achieve remarkable results."

And that's exactly how we think and act at Spartherm: future-oriented, emphasizing, sustainability and values.

It is not about trying to keep up with the customers' expectations, it is about exceeding them! This is what Spartherm stands for! Spartherm customers are fire connoisseurs. And at Spartherm we have a burning passion for our customers.

Quality

...according to the EN ISO 9000:2005 standard, is defined as the extent to which a product meets existing requirements. That's not enough for us!

Highly qualified staff produce state-of-the-art products using sophisticated designs and top-quality material in technically mature production processes - this is how SPARTHERM defines quality.

Design

Form follows function. That's why here at Spartherm despite all creative freedom design always aims for high quality standards. This refers as well to the utility value. The same holds true for noble classics, vanguard creations or timeless elegance. We focus on the fire, with an eye to detail and passion for the big picture.

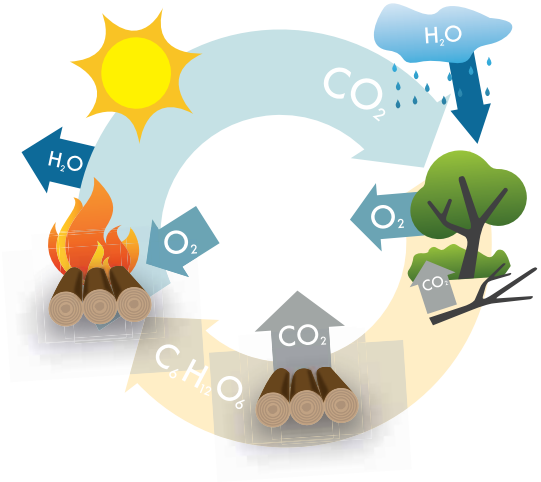
Thinking green

We are aware of our responsibility for the environment and we take it seriously. So both our development and our production processes comply with the most severe national and international standards. That way, we set an example - or light the beacons! When wood is burned it only releases the same amount of CO_2 the tree took from the atmosphere before. That's why we focus mainly on wood combustion and the associated forward-looking technologies.

Innovation

Being a pioneer means boldly venturing in uncharted territory. Our developers, engineers and designers are constantly working on refining and perfecting our products – that includes as well modern thermal storage stoves. Challenges we all have to face are changing living conditions but also changes in politics and society. We always consider these risks to be opportunities, too. The energy turnaround, for instance, is a very clear indication that wood as a renewable raw material has perceptible advantages both over finite resources like coal and oil and also compared with wind and solar power.

Just consider this: a fireplace insert or a stove will make you independent!

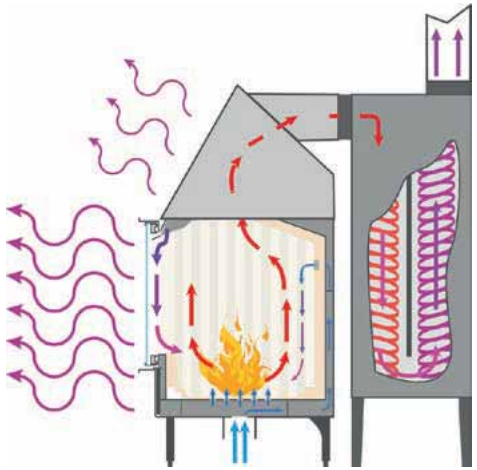


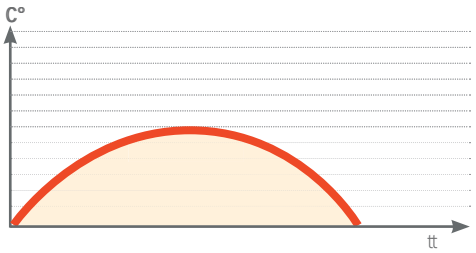
Fireplace inserts with in-line flues

Pleasant warmth enjoyable for a long time

Various Spartherm fireplace inserts, such as the Mini Z1, have also been tested for use with heat recovery sections. The thermal energy is stored in the heat recovery sections and then released in a controlled way via the surfaces.

Linear by Spartherm
Straightforward design joins supreme technoloy. Maximum functionality blends with timeless elegance - that's Spartherm!

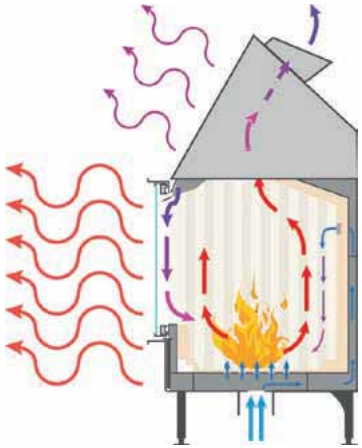


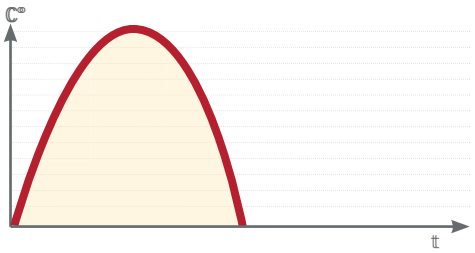


Space-heating stoves

Cosy warmth, created quickly

Quickly creating cosy warmth at any time might sought difficult - but it isn't with Spartherm. When used as space-heating stoves our fireplace inserts can quickly heat the ambient air to just the temperature needed for your comfort. During combustion there will be high output peaks but in a relatively short time the stove will cool down again if no wood is refueled.

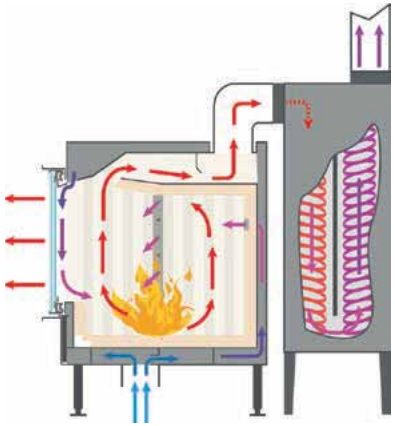


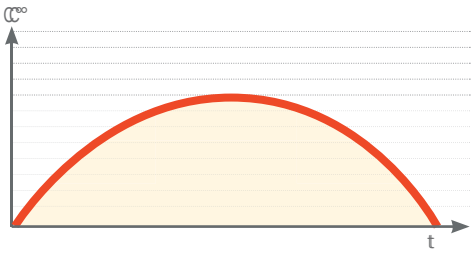


Tiled stoves

Comfortable warmth

Today a so-called tiled stove doesn't necessarily need to be tiled anymore. In the past the tiles (ceramic sheets) stored the heat and released it again as radiant heat. That was before heat exchangers or other storage media came into use. The functional principle has hardly changed since then; today's stoves though might not be clad with tiles anymore.
Wood is burned as economically and efficiently as possible in a fireplace insert. The radiant heat produced is released into the room via the glass pane and the stove surface. The flue gases created through combustion are not let off directly to the chimney. Instead, more heat is extracted from them with the aid of in-line heat recovery sections and storage media. The energy thus recovered is temporarily stored in the storage media before being released back into the room and/or adjoining rooms later on, over a defined period of time.



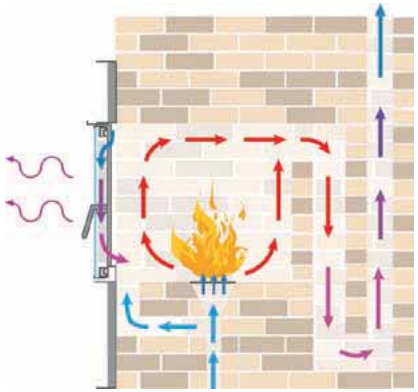


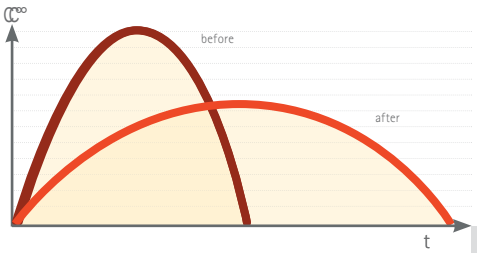
Basic stove doors

Long-lasting comfortable warmth

We offer a wide range of basic stove doors. The door is vital for sealing off a ceramic or stone fireplace in order to have nothing but healthy, cosy radiant heat released over a period of several hours.

This is Spartherm's big advantage: our in-house research, development and production make us extremely flexible and efficient. We are able to meet almost any special requirement. In particular when straightforward design joins supreme technology. Ftting existing or new fireplaces with individual material surfaces, we rise to the challenge. After all, anyone can produce standard appliances – but we can do better!





C° = heat emission, t = time

Mini Sh-4S
€ p. 70

Varia 1V-100h-4S
€ p. 70

Clear shapes – absolutely linear

Varia ASh-4S-2
p. 70

A new concept of freedom

Mini R1V-4S
p. 70

Varia B-120h-4S
p. 71

Varia Ah-4S
p. 70

Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away.

Antoine de Saint-Exupéry

Varia 1Vh-4S
p. 70

Clear shapes accentuating the fire

Arte 1Vh-66 4S-2
p 71

Only by crossing boundaries
can we gain more space, and only
by overcoming the ordinary
can we enjoy the extraordinary.

Mini Z1-4S
€ p. 70

Varia A-FDh-4S

€ p. 72

Double-sided fireplace inserts of a special kind:
„Two“ fireplaces in one room. More freedom,
more benefits, more living comfort.

Varia B-FDh-4S
€ p. 72

Designed to make you feel good

Varia FDh-4S
p. 72

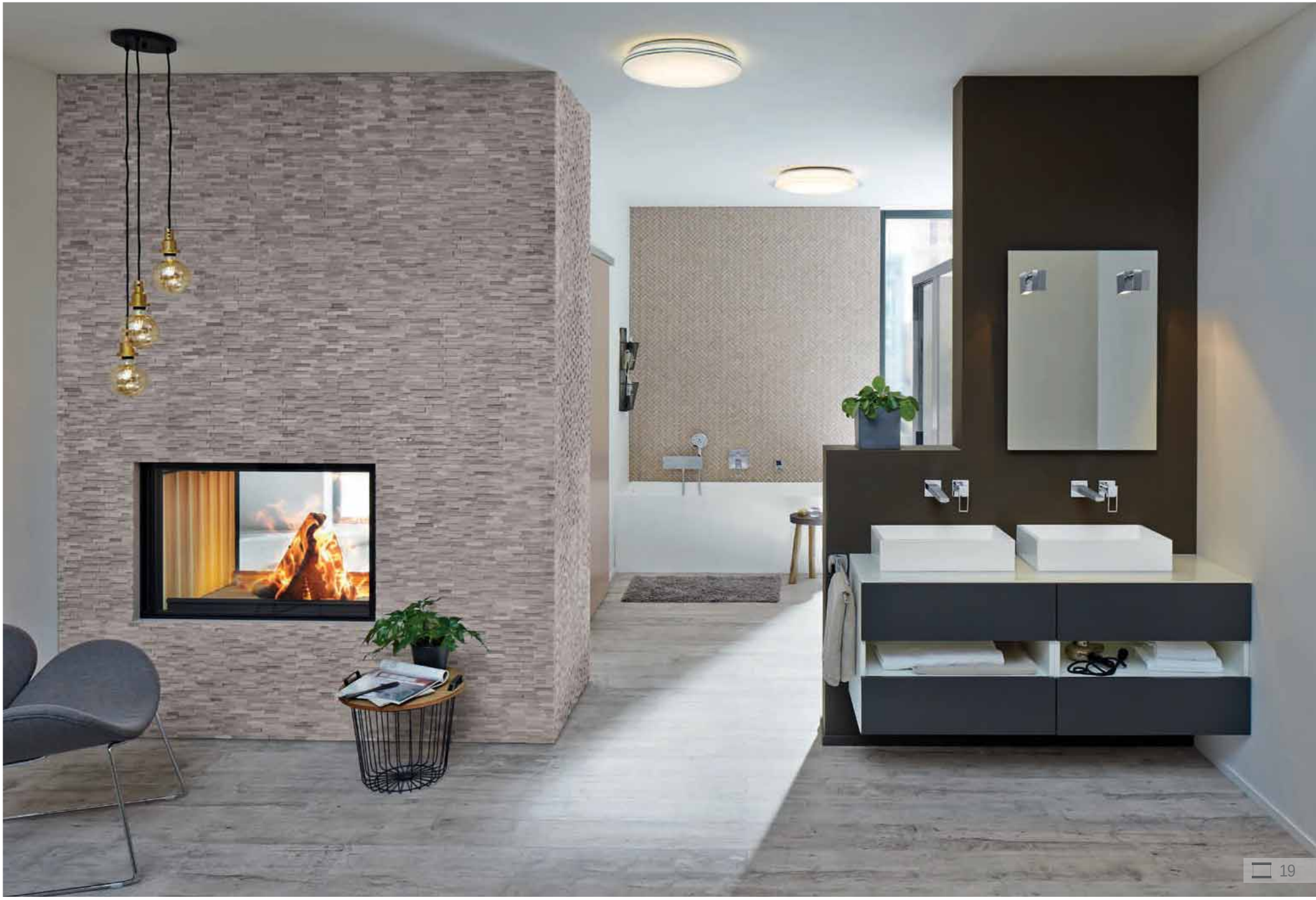
Varia AS-FDh-4S-2

p. 72

Transparency – for more pleasure of the fire

Mini S-FDh-4S

p. 71



Arte X-FDh-3S
€ p. 72

Mini 2R-4S
p. 72

Emotionally appealing in all shapes and sizes

Mini 2LRh-4S
€ p. 72

Varia 2R-55h-4S

€ p. 72

Wall-mounted with T4S supporting frame

Varia 2L-50h-4S

€ p. 72

Arte 2LRh-66-4S-2
€ p. 73

Stylish design, harmoniously shaped

Varia 2Lh-4S
€ p. 73

A maximum of comfort in just a minimum of space

Varia 2R-80h-4S
p. 73

Varia AS-2Rh-4S
€ p. 73

Varia 2R-100h-4S
€ p. 73

Varia C-45h-4S
€ p. 73

Varia Ch-4S
€ p. 73

A place to relax

Varia Ch-4S
€ p. 73

Flexible in terms of size and performance

Arte 3RL-60h-4S
€ p. 73

Arte 3RL-80h-4S
€ p. 73

Arte 3RL-100h-4S

p. 74

Arte U-50h-4S
p. 73

Arte U-70h-4S
p. 73

Arte U-90h-4S
p. 73

True elegance joined by top performance

Speedy MR
p. 74

Smoothly rounded shapes create a cosy atmosphere

Speedy MR
€ p. 74

Speedy Ph-4S
p. 74

Round – nature's basic form creates harmony and a feeling of well-being.

Magic 200
p. 74

A visionary sight

Speedy MDRh
p. 74

Magic 300
p. 74

Speedy M
€ p. 74

To be above all doubt

Speedy K
€ p. 74

Just imagine your hot water is coming from the stove.

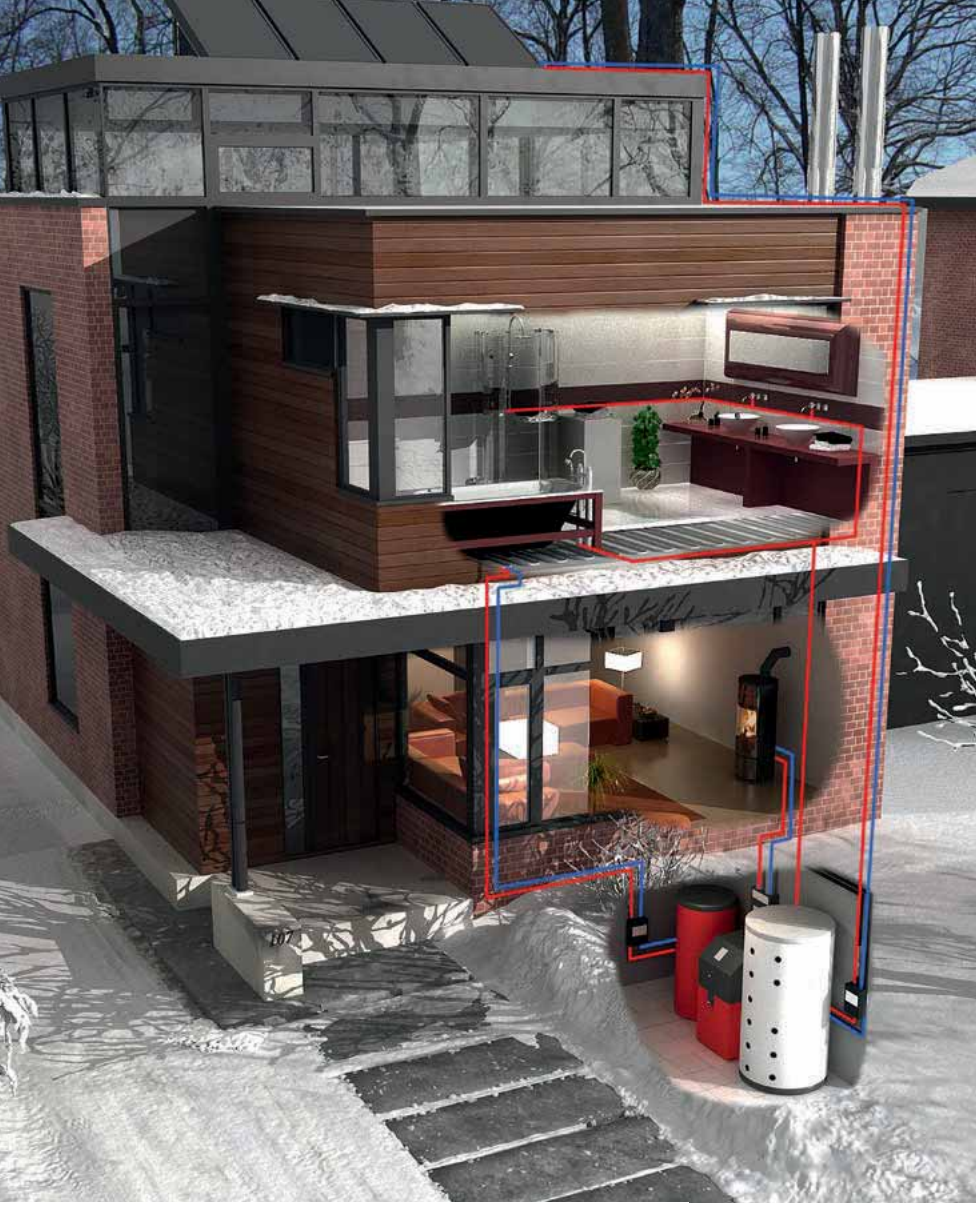
Impossible, you may think.
But SPARTHERM makes it possible.

Because hot water makes up a large part of our daily water consumption, the stove is a very useful resource. Advanced technology turns our boiler fireplace inserts into much more than just an additional energy source.

Everything you normally use hot water for can be done just the same with water-heating stoves. Whether it's a hot bath, a warm shower or perhaps the homely warmth of underfloor heating, you can always produce the hot water you need with our water-heating fireplace inserts.

At times like this when raw materials are becoming increasingly scarce, it's vital to make the best possible use of available energy sources. As the climate continues to change it's advisable to produce energy in as carbon-neutral a way as possible - from wood. In a context of rising energy prices, an economical heating system is almost essential.

- **Using wood and SPARTHERM technology!**



Shower: 20 L/min - Water temperature 39° C		
Hours	Fuel feed quantity (wood)	Shower time
1	2,0 kg	8,4 min
2	4,0 kg	16,7 min
3	6,0 kg	25,1 min
4	8,0 kg	33,4 min
5	10,0 kg	41,8 min

Bathtub: 160 L - Water temperature 39° C		
Hours	Fuel feed quantity (wood)	Number of baths
1	2,0 kg	1,1
2	4,0 kg	2,2
3	6,0 kg	3,3
4	8,0 kg	4,4
5	10,0 kg	6,5

You could get all this from our smallest model

With 2.0 kg/h wood you can keep a 40 m2 living room of a KfW* 70 (German insulation standard) house at an internal temperature of 20° C with radiant heat from the fireplace.

In addition, with the water heat exchanger you can either:

- raise the water temperature of a 300 L storage tank from 40° C to 56.1° C, or
- shower for 8.4 minutes at a water temperature of 39° C, or
- draw 160 L of water at a temperature of 39° C to fill a bath

Storage tank: 300 L Water temperature 40° C			
Hours	Fuel feed quantity (wood)	Temperature	/°C
1	2,0 kg	56,1 °C *	16,1 °C
2	4,0 kg	72,3 °C *	32,3 °C
3	6,0 kg	88,4 °C *	48,4 °C
4	8,0 kg	104,6 °C *	64,6 °C
5	10,0 kg	120,7 °C *	80,7 °C

* Theoretical temperature of the storage tank assuming no water drawn and disregarding the safety technology of the heating system

Room temperature: 20° C; Outside temperature: -12° C			
Quantity of wood kg/h	Heated space		
	KfW 70 house (approx. 40 W/m²)	ENEV 2002 house (approx. 55 W/m²)	Houses built 1970-90 (approx. 100 W/m²)
1,5	30 m²	21 m²	12 m²
2,0	40 m²	29 m²	16 m²
3,0	60 m²	44 m²	24 m²

This is only an example. The calorific demand of each house must be calculated individually according to DIN EN 12831.

Fire and water...

...elements that have been part of our lives - right from the start.

It was fire and water that made life, survival and the development of civilisation possible. At first sight they look like complete opposites, yet harnessed together they are the sensible way of using energy in the most efficient manner. Just as the heat at the earth's core creates hot springs and lakes, so the fire in the stove heats cold water from a storage tank via the heat exchanger incorporated in the fireplace insert. After heating, the hot water is sent back to the storage tank and can be used as a thermal energy source for radiators or underfloor heating, or for baths and showers.

Intelligent utilisation, a high level of expertise and resolute pursuit of sustainable solutions are the key to developing an energy-efficient, environmentally friendly heating system.

Impressive data:

- 25-80% hot water production
- 78-86% combustion efficiency
- CO_2 neutral

As well as heating the water, the fireplace insert also generates a pleasant radiant heat in the surrounding room, not to mention a cosy atmosphere.

Varia 1VXh H_2O-4S

€ p. 75

Perfect use of energy

Space problems with all that technology?
No way! Our fireplace inserts using H_2O technology take up no more space in the room where they are installed than a conventional space heating or storage system.

Is it a worthwhile investment?
Obviously that depends on a number of factors. But if you have a sufficiently sized storage tank together with all the other main components of a modern central heating system, it is worth comparing it with a "normal" space heating fireplace. Perhaps not if you just consider one year, but certainly over the lifetime of the fireplace unit.

Varia FDh H_2O-4S
€ p. 75

Varia FD H_2O-4S
€ p. 75

And, of course, the secondary benefits should not be underestimated, including the cosy, cheerful effect of the visible, enclosed and productive fire.
What's more, it frees you from having to purchase expensive additional heating fuels.

Varia 2Lh-4S + Aquabox L
€ p. 76

Aquabox -

The magic box.

The most impressive feature of the Aquabox is its adaptability for use with various fireplace inserts of different dimensions.

Our Aquaboxes work similarly to water-jacket fireplace inserts. Heat is extracted from the rising flue gases in a water heat exchanger and fed to the storage tank to relieve the heating system.

AQUABOX

You can therefore boost your hot water production, relieve your central heating system or heat additional rooms.

Aquaboxes are available in 2 sizes with different water capacities.

Aquaboxes can be fitted almost anywhere and the benefits are obvious: they reduce electricity, oil or gas consumption and also cut energy bills.

S BOX SMALL

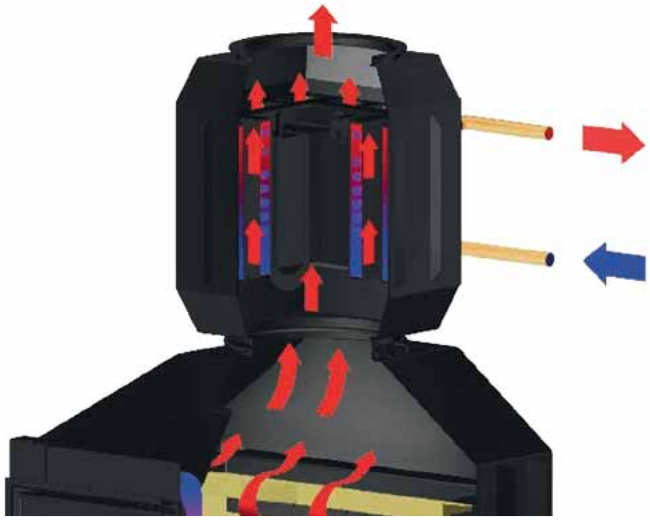
10.5 L Capacity

L BOX LARGE

13.5 L Capacity

The benefits to you:

- Compatible with various fireplace inserts of different shapes and sizes (certified by the German DIBt under no. Z-43.31-198)
- Hot water output efficiency approx. 25-40% of the nominal heat output of the selected fireplace
- Easy to service: no need for additional cleaning or inspection openings
- Can be cleaned through the combustion chamber
- Minimal space requirements
- Environmentally friendly
- Reduces your energy bill
- Output range up to 7.5 kW



Aquabox Compatibility

Which box fits which insert?

The two Aquabox models differ in their water capacity and compatibility with the various fireplace models. Possible combinations are shown below.

BOX SMALL

Mini	Mini R1V-51-4S	Mini S-4S
	Mini R1V-57-4S	Mini Sh-4S
	Mini R1Vh-57-4S	Mini 2R-4S
	Mini Z1-51-4S	Mini 2L-4S
	Mini Z1-57-4S	Mini 2LRh-4S
Speedy	Speedy 1V-51-4S	Speedy Rh-51
	Speedy 1V-57-4S	Speedy Rh-57
	Speedy 1Vh-51-4S	Speedy M-51
	Speedy 1Vh-57-S	Speedy M-57
	Speedy MR-51	Speedy Mh-51
	Speedy MR-57	Speedy Mh-57
	Speedy MRh-51	Speedy K-51
	Speedy MRh-57	Speedy K-57
	Speedy R-51	Speedy Kh-51
	Speedy R-57	Speedy Kh-51
Varia	Varia 1V-100h-4S	Varia 1V-100h
	Varia 2L-55-4S	Varia 2LR-55h-4S
	Varia 2R-55-4S	Varia 2RR-55h-4S
	Varia 2L-55h-4S	Varia AS-3RLh-4S
	Varia 2R-55h-4S	
Arte	Arte 1Vh-66-4S-2	Arte F-1V-4S**
	Arte 1Vh-4S **	Arte F-1Vh-4S**
(W x D x H) in mm		362 x 362 x 465
Working pressure		bis 3 bar
Weight without water		51 kg

** structural change necessary, complicated cleaning

BOX LARGE

Speedy	Speedy MDRh	Varia M-80h-4S
Varia	Varia 1V-51-4S	Varia M-100h-4S
	Varia 1V-57-4S	Varia 2L
	Varia 1V-51-3S	Varia 2R
	Varia 1V-57-3S	Varia AS-2Lh-4S
	Varia 1Vh-45-4S	Varia AS-2Rh-4S
	Varia 1Vh-51-4S	Varia 2Lh-4S
	Varia 1Vh-57-4S	Varia 2Rh-4S
	Varia 1Vh-45-3S	Varia 2LRh
	Varia 1Vh-51-3S	Varia 2RRh
	Varia 1Vh-57-3S	Varia SRh**
	Varia Sh-4S	Varia Ah-3S-2**
	Varia Sh-3S	Varia Bh-4S
	Varia Ah-4S	Varia Bh-3S
	Varia Ah-3S	Varia 2L-80h-4S
	Varia AS-4S-2	Varia 2R-80h-4S
	Varia ASh-4S-2**	Varia 2L-100h-4S
	Varia ASh-3S-2**	Varia 2R-100h-4S
	Varia M-60h-4S	Varia Eh-4S**
Arte	Arte Bh**	Arte U-90h-4S
	Arte BRh**	Arte 3RL-80h-4S**
	Arte Xh**	Arte 3RL-100h-4S**
(W x D x H) in mm		362 x 362 x 545
Working pressure		bis 3 bar
Weight without water		65 kg

** structural change necessary, complicated cleaning

The small Aquabox can be used instead of the large

DIBT Certification

What does it mean for you?

Our products are approved by the German Construction Supervision Authority, DIBT. This is an important quality feature and guarantees safe operation. Even if this regulation is not valid for your country, you have the benefit of knowing that our appliances are tested by an independent organisation. We recommend that you always use certified products.

In Germany, the NBR Building Rules Lists provide information on which standards apply to building products.
There are three different types of products:

- • Regulated building products comply with the technical provisions of the Building Rules List or deviate only slightly from them.
- • Unregulated building products deviate considerably from the technical provisions of the Building Rules List, or there are no technical building regulations or generally recognised rules of the art for them.
- • Other building products are not included in the Building Rules List, although there are generally recognised rules of the art for them.

Manufacturers must demonstrate the suitability of unregulated building products and designs. This can be done by means of DIBt certification.
Certification is performed exclusively by the German Institute for Building Technology in Berlin (DIBt), a jointly established federal and regional institute.

- DIBt certification is revocable and is granted for a specific period, generally five years.
- DIBt certification renders individual tests unnecessary. Architects and owners can plan and build creatively, innovatively and at a reasonable cost without the delays and uncertainties an individual agreement may involve.

Testing is simply safer and saves time and money.

AQUABOX

Deutsches Institut für Bautechnik DIBt

(Certified by DIBt under no. Z-43.31-198)

Large window, proven technology - abundant water storage

Boiler fireplace inserts in the H_2O range.

The H_2O fireplace inserts are real power stations attractively packaged as beautiful fireplaces. Exclusive design is combined with innovative water technology and despite a large firebox door their hot water production is highly efficient.

The water heat exchanger with thermal discharge safety valve and patented internal gravity circulation protects against possible water hammer or overheating in the event of a power failure. Safety which you do not see but which is always working for you – a comforting feeling.

The benefits to you:

- High hot water production of 50 – 73%
- Large 67 x 51 cm glass window
- Concealed safety features
- Optional automatic combustion control thanks to S-Thermatik NEO
- High ecological benefit without compromising the appearance
- Automatic bypass flap

Varia 1VX H_2O-4S
€ p. 75

Varia 2L-55h-H_2O-4S
€ p. 75

Fire meets water

Varia 1V H_2O XL-4S
€ p. 75

Mini Z1 H_2O-4S
p. 74

A symbiotic relationship of technology and design

Varia A-FDh H_2O-4S
+ S-Thermatik NEO
p. 75

Hot air
Stove heating inserts

Modern tradition Nova and Renova

In the past, a 'tiled stove' always had to have tiles somewhere, and it was those glazed tiles that gave it its name. In those days there were no water heat exchangers or other kinds of storage units which absorbed and stored heat efficiently and then released it again as radiant heat. Nowadays, 'tiled stove' is a generic term for traditional tiled stoves and also for new fireplaces solutions working on the same principle.

'Tiled stove' is the accepted name for a particular construction or for a fireplace insert which has been tested as a tiled stove. Today, however, tiled stoves come in a wide variety of designs and finishes.

The functional principle has hardly changed: a compact fireplace insert with additional heat recovery sections made from ceramic or steel makes up the heart of the system.
Wood is burned extremely efficiently in this fireplace insert and the radiant heat produced is released directly into the room via the glass window. The hot flue gases are not sent straight to the chimney. Instead, the flue gases will be routed through the heat recovery section which store and absorb the heat.

The energy thus recovered will be gradually released the room and/or adjoining rooms, over a long period of time. In effect, our water fireplace inserts are real all-rounders – virtually universal heating systems.
Spartherm's Nova and Renova fireplace inserts Spartherm's Nova and Renova fireplace inserts are virtually unmatched in meeting all the requirements for a modern stove designed with a view to the future.

Renova B-Air
€ p. 76

Renova C-Air
€ p. 76

Renova B-Air

Small in appearance, big in performance.
The Renova B-Air's name suggests 'renovation' and that's intentional. This is a replacement unit for existing tiled stove inserts. Renova B-Air heating inserts are designed according to the latest regulations and design standards, but are dimensioned to fi t existing built-in fi rebox doors or recess frames. Advantage: that shortens the installation time and considerably cuts down the dirt in the room.

Renova C-Air

The best of both worlds.
The Renova C-Air is an innovative heating insert for low-emission burning of split logs and lignite briquettes. It offers the option of connection to in-line fl ues or heat recovery units. Behind the solid, refractory front panel the Renova C-Air has a removable ash pan with a lid. The excellent sealing of the door closing system „Smart Close„, offer more safety.

Nova F-Air

Minimal dimensions.
The Nova F-Air tiled stove heating insert is designed for installation of a new thermal storage stove. In our fireplace inserts the radiant heat produced by combustion emitted via the viewing panel is perceptibly reduced by double glazing with an infrared coating. The result is high fi rebox temperatures, clean burning and more heat is transmitted to the thermal storage system.

In combination with modern front panels it shrugs off the traditional, somewhat conventional look of tiled stove heating inserts. The thermal storage stove thus becomes an expressive centrepiece of your home.

Nova F-Air

with wall entry trim
Cladding: Sommerhuber ceramics

p. 76

Water-heating storage wonder Nova E-H_2O and Renova A-H_2O

It's not necessarily all in the name. Until a few years ago tiled stoves always involved tiles. The name also described the storage medium. Tiles, or stove tiles to give them their correct name, use their thermal capacity* to store thermal energy and thus heat the surrounding space, even for some time after the fire has gone out. Today, 'tiled stove' is a generic term both for traditional tiled stoves and also for various further developments that work on the same principle, with an efficient fireplace insert, higher capacity storage media and more complex energy utilisation.

* The thermal capacity shows how much thermal energy a body can store in relation to the temperature change.

Nova E H_2O

with front panel RA 2.0 | cladding: Gutbrod ceramics

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Nova E H_2O

with S-Thermatik NEO | cladding: Ganz Baukeramik

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A modern approach to tradition and consistency

Renova A H_2O

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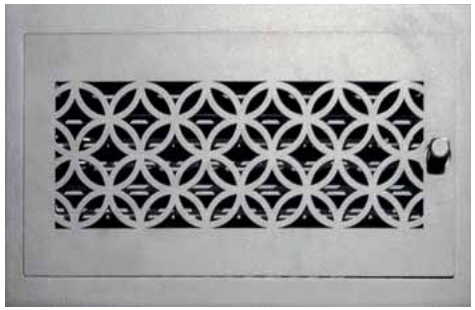
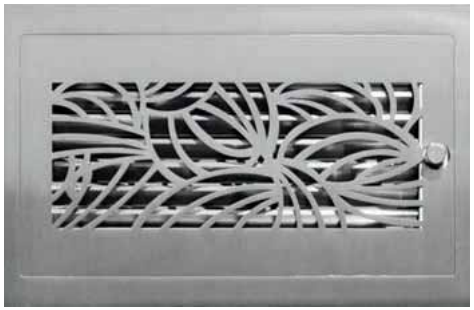
Renova B-Air
€ p. 76

Nova and Renova front screens

N 1.0 or R 1.0



N 1.1 or R 1.1



N 1.2 or R 1.2

Nova N 2.0 or R 2.0

A supporting frame or niche frame may already exist that can be used for a refurbishment project with our Renova insert. Special front screens for combination with the existing frame are available in a modern design for such situations.

Row	Number	Installation	Function	Appearance	Surface	Dimensions (W x H x D)
R	1.0	Insert	without convection	Plain	Standard/black Stainless steel	420 x 790 x 15 mm
R	1.1	Insert	Convection/ Inspection	Circle pattern	Standard/black Stainless steel	420 x 830 x 15 mm
R	1.2	Insert	Convection/ Inspection	Fern pattern	Standard/black Stainless steel	480 x 830 x 15 mm
R	2.0	Insert	Revision	Shape	Standard/black Stainless steel	480 x 890 x 15 mm

In a new installation the Nova fireplace insert can be installed either with or without a screen. Here these screens are placed in front of the installation wall.

Row	Number	Installation	Function	Appearance	Surface	Dimensions (W x H x D)
N	1.0	Front	without convection	Plain	Standard/black Stainless steel	570 x 1130 x 15 mm
N	1.1	Front	Convection/ Inspection	Circle pattern	Standard/black Stainless steel	570 x 1130 x 15 mm
N	1.2	Front	Convection/ Inspection	Fern pattern	Standard/black Stainless steel	570 x 1130 x 15 mm
N	2.0	Front	Convection/ Inspection	Shape	Standard/black Stainless steel	570 x 1130 x 15 mm

Note: front screen dimensions are shown in the technical data sheets on our homepage www.spartherm.com

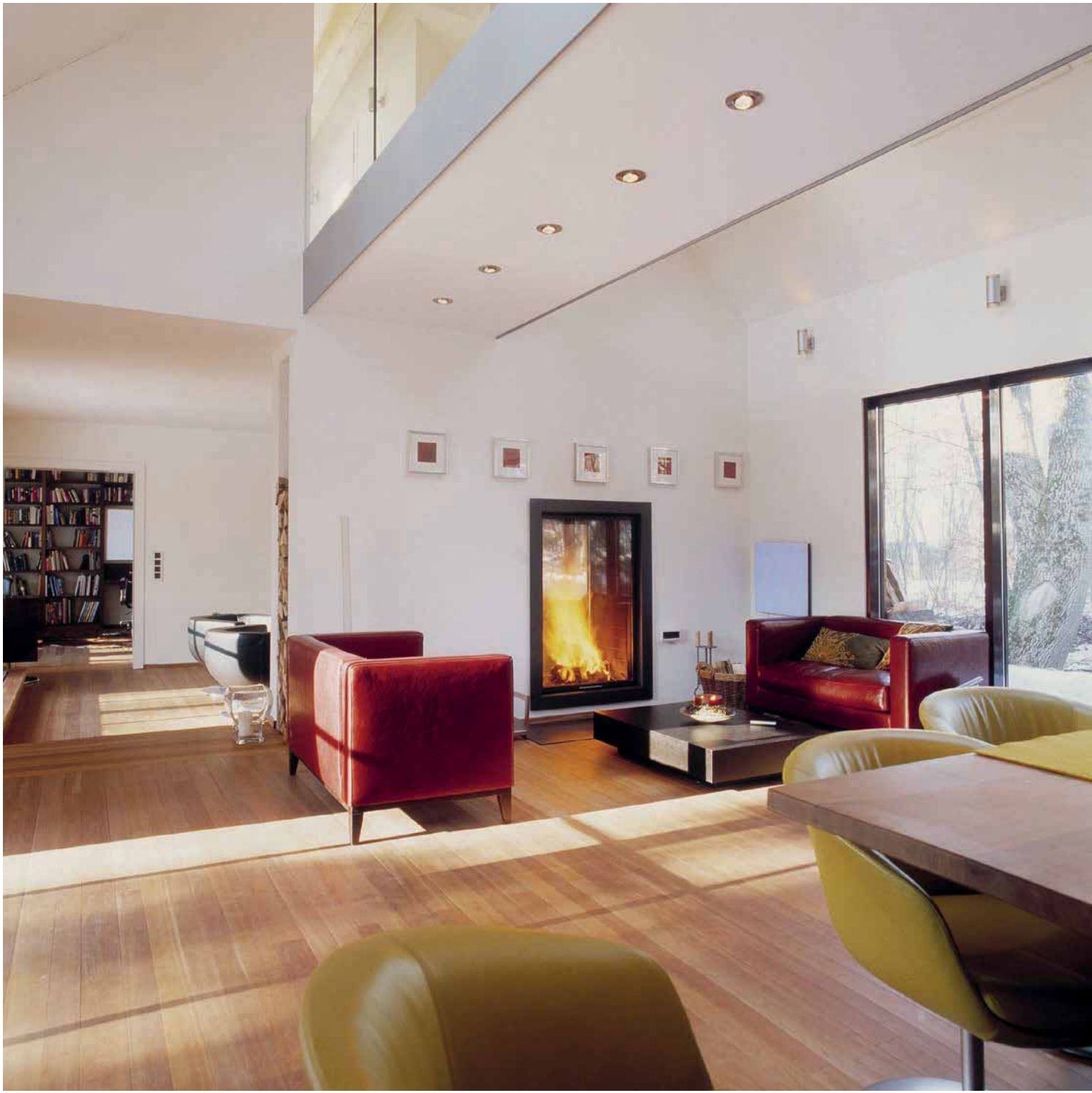
Custom-made products

Only someone who works to the very highest standards can turn dreams into a reality – in the form of unique fireplace inserts.

SPARTHERM has the skill to create custom-made products in line with your wishes and available technology.

Let yourself be inspired.

Together with our specialist dealers, we offer you not only top standard products, but also custom-made products like the ones shown here.



Dare to dream –
with our unique products

All about fire – all about happiness

For detailed information see our Exclusive Prospect.

Thermal storage technology

... Imagine, your fireplace can retain heat...

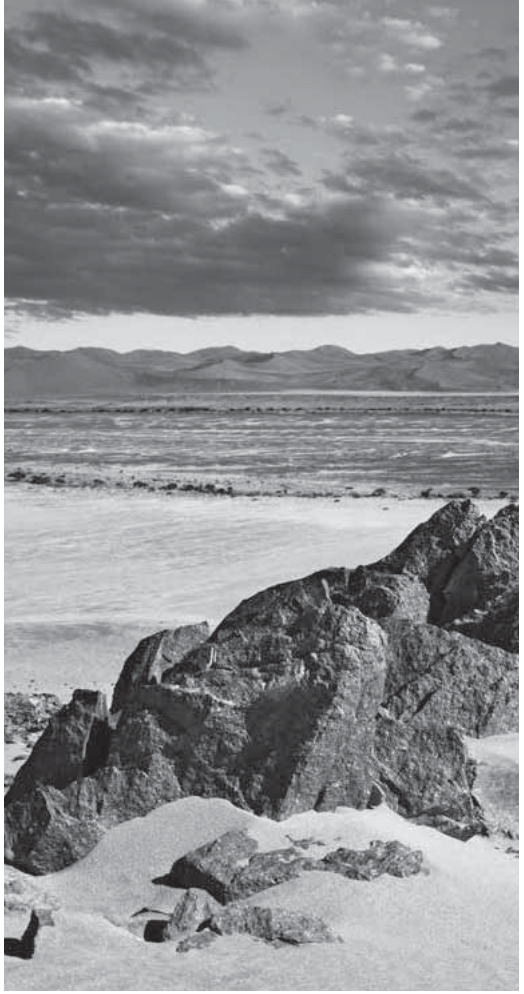
Everyone wants a warm home. However, rising energy costs are hitting people's pockets harder all the time, and so as a manufacturer we need to play our part in order to bring out the best for you for a modest outlay.

Upgrade your fire with innovative heat storage systems made by SPARTHERM. Thermobox, Helix and Magnetherm storage stones offer optimum flexibility of use combined with maximum benefit.

This is how it works: highly compacted, fire heat storage material is installed in your fireplace insert 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 insert 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.



Thermobox being filled with Magnetherm granulate.

Thermoboxen

The affordable way to utilize heat

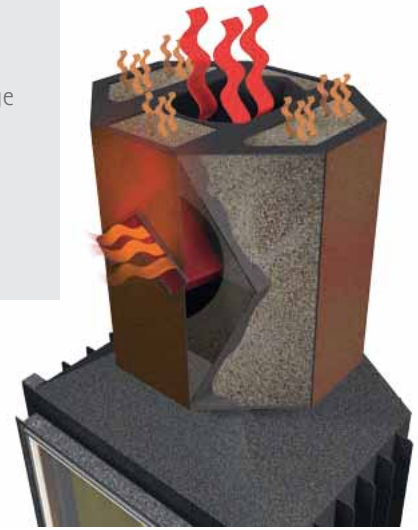
Thermoboxes are available in two sizes, depending on your fireplace insert. Thermoboxes are top-mounted units filled with Magnetherm granulate that absorb heat from the rising hot flue gases and gradually release that heat again.

Because of their compact size they do not take up much room, they are quick to install and they offer an affordable alternative to thermal storage rings.

Fireplace insert with narrow Thermobox installed

Benefits to you:

- can be used with a variety of fireplace inserts
- up to 7.5 hours of heat storage
- lower energy costs
- environmentally friendly
- affordable
- quick installation



Helix

Modular use of heat

Helix (Greek = coil, spiral) is probably the most individual heat storage solution ever offered for our fireplace inserts. The hot flue gases flow through the helix, generating excellent heat transfer to the storage medium and thus long-lasting, even release of heat to the surrounding room.

Anything is possible – from 4 standardised sets to custom design of the flue length and thus of the storage system.

Helix special features:

- compatible with various fireplace inserts
- lower energy costs
- flue length defined individually
- cleaning through the combustion chamber
- low resistance when lighting up, hot gases are routed entirely through the storage system
- stress-free heat transfer
- quick assembly
- environmentally friendly

Individual design options:

The modular heat storage system „Helix" is available in the versions Helix 400 and Helix 460 and in the sizes S, M, L and XL.

Magnetherm thermal storage stones

Convenient use of heat

Magnetherm thermal storage stones are another intelligent way of storing heat. The more thermal storage mass surrounding your fireplace insert, the more heat can be stored. The stones are available in two sizes, N1 and N2, and characterised by their high density and mass of 2.8 kg/dm^3 – making them similar to soapstone.

The precision tongue and groove system enables the Magnetherm stones to be combined as desired to create all sorts of angles and curves on the fireplace body.

The application area of the heat storage stones Magnetherm N1 and N2 include hot-air systems, combined storage/hotair systems, hypocaust systems and enclosed systems.

Benefits to you:

- up to 10 hours of heat storage
- lower energy costs
- environmentally friendly
- affordable

Magnetherm N2

Magnetherm N1

Eboris akku

Storage elements for fireplace inserts

More heat - greater comfort

The Eboris akku storage stones can store heat for up to 10 hours. Made from high quality storage medium, these elements are are optional available and can be fitted to fireplace inserts with a straight body surface (not suitable for rounded fireplace inserts or H_2O units).

They are designed to be suspended side ward and on the rear side of the fireplace inserts, enabling fireplaces to be fitted with storage medium for prolonged heat radiation easily and without a great deal of work.

Benefits to you:

- up to 10 hours of stored heat
- pleasant, uniform heat
- less heating up
- no overheating
- reduced wood consumption
- quick and easy installation

The Eboris akku storage stones absorb heat and release it again, slowly and evenly. Heat is therefore emitted over a longer period for greater comfort while at the same time saving heating costs and reducing emissions.

Versions

The storage elements are available in two different widths and are simply suspended from the cooling fins on the fireplace insert with the aid of integrally cast mountings. From 1 January 2013 all compatible fireplace inserts are supplied already prepared for this purpose. The small and large versions differ in width and weight.

Draught controls

Draught complete under control

For several years, the issue of the right chimney draught has become more an more urgent. The new S-Kamatik is SPARTHERM's answer to this issue.

If you control the draught in the chimney, you improve the combustion process, you reduce the wood consumption and you also benefit the environment. The drive for ever new combustion space geometries makes the fireplace ever more dependent on the ideal chimney draught in the range from 12-20 Pascal.

So far, in addition to calculating the adequate chimney draught, the only remedy against insufficient draught was the installation of a throttle valve or the expensive and complicated retrofitting of an electrical chimney fan.

Now, S-Kamatik controls the chimney draught.

Available as S-Kamatik, S-Kamatik Plus and S-Kamatik PRO II.

Your benefits:

- high operating comfort (no manual intervention required)
- optimum combustion
- efficient use of energy
- less soot
- less emissions

Solution:

- compensation of fluctuations caused by external factors
- stable conditions in the combustion chamber
- eliminates the risk of smoke escaping when putting more wood on the fire
- easier lighting of the fire

S-USI

SPARTHERM negative pressure switching interface

When ventilation systems and room- air- sealed fireplace inserts are used at the same time it can happen that dangerous flue gases enter in the room in which the fireplace insert is installed. Our S-USI monitors your safety continuously in line with our motto: Simple, intelligent and comfortable heating.

Your benefits:

- parallel operation of ventilation systems and fireplaces inserts in complete safety
- confidence thanks to fully-automated operating mode
- DIBt-tested and approved by competent building authorities

Solution:

- automated monitoring of ambient conditions
- ventilation systems turned off automatically in case of malfunction

SPARTHERM offers practical solutions

S-Thermatik NEO

Take a look yourself at the latest development in combustion control!

Innovative technology and comfort for your living-room.

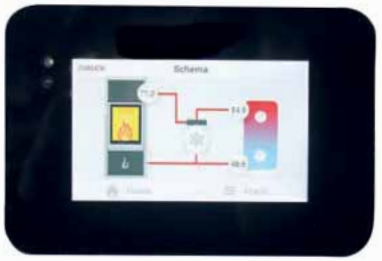
The concept is based on interactive control via display, smartphone or tablet. Thanks to the S-Thermatik NEO the three elements to efficient heating - fuel, temperature and air supply are ideally balanced.

Heating the smart way: all data made available via App for an easy and intuitive use. This electronic assistant provides information on efficiency, operating mode as well as on the room and device temperature.

Benefits to you:

- Menu navigation in nine languages: DE, GB, NL, FR, IT, ES, CZ, PL, SE
- Combustion progress shown in the main display
- Optical and acoustical signal for refilling
- Automatic air lever positioning in case of power failure, manual heating possible
- Coupling to opening mechanism possible via remote control (SESAM)
- Bluetooth connection to mobile devices. Free app (Android and IOS) for operating the S-Thermatik NEO via smartphone or tablet

Version black



Version white

Technical details

The shapely handle convinces through its sleek but exclusive design.

The easy to use lever allows for an ideally regulated supply air.

Elegant: Slim, brushed stainless steel handle.

Foldable grid for easy removal of the ash pan.

Black chamotte optionally available as combustion chamber cladding

White

Black

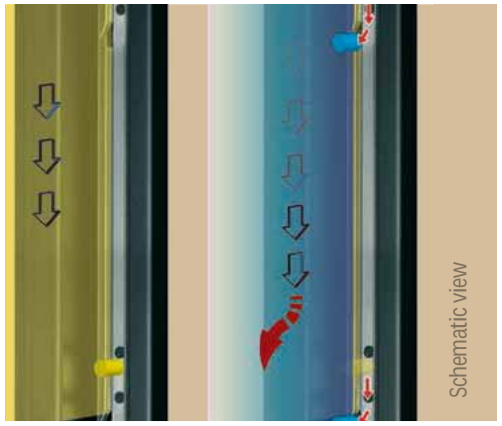
Advantages of the black interior:

- very modern and sleek look
- striking flames thanks to the contrast with the dark background
- reduced soot visibility

Convenient handle for glass cleaning. For quick opening without tools – in just 5 seconds.

... the glass is easy to clean

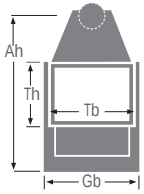
Minimal space between door and sliding mechanism like an expansion gap.



The SPARTHERM SoftClose Mechanism, for optimal all-round, even contact pressure on the body.

Technical data

Front



Installation examples

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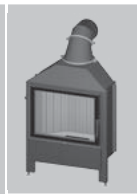

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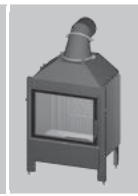

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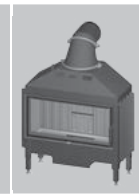

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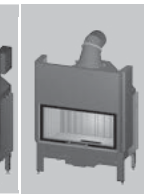

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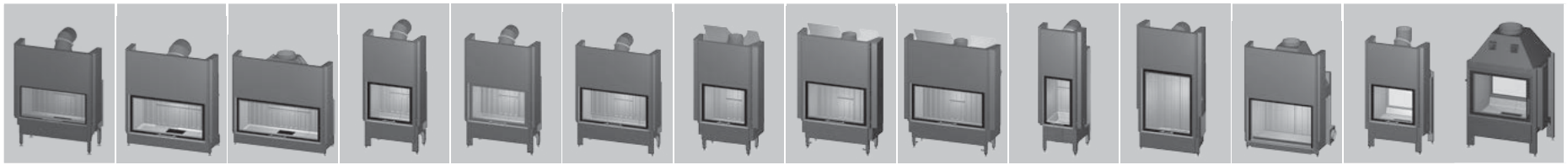
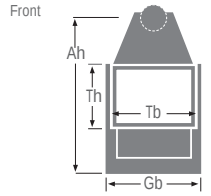
	Fireplace insert		Mini R1V-4S	Mini R1Vh-4S	Mini Z1-4S 7,0 kW | 10,0 kW	Mini S-4S	Mini Sh-4S	Speedy 1V-4S	Speedy 1Vh-4S	Varia 1V-4S	Varia 1Vh-4S	Varia 1V-100h-4S	Varia Sh-4S	Varia AS-4S-2	Varia ASh-4S-2	Varia Ah-4S
	Top view Panel arrangement															
Dimensions	Door frame width [Tb]	mm	445	441	445	604	606	675	671	675	671	1006	746	751	730	881
	4S Door frame height [Th]	mm	509 | 569	573	509 | 569	509	513	512 | 572	513 | 573	512 | 573	453 | 513 | 573	700	623	372	371	440
	3S Door frame height [Th]	mm	-	-	-	-	483	-	-	-	453 | 513 | 573	-	593	-	371	430
	Prestige door frame height [Th]	mm	-	-	-	-	-	-	-	-	-	700	-	-	-	-
	Overall width [Gb]	mm	540	578	540	769	736	775	808	765	808	1143	913	860	918	1018
	Overall depth [Gt]	mm	463	491	591	450	432	527	554	558	586	503	526	408	434	612
	Connection height [Ah]	mm	1000 | 1060	1068	1275 | 1335	1175	1176	1233 | 1293	1235 | 1295	1296 | 1356	1236 | 1296 | 1356	1462	1307	1094	1093	1371
	Flue outlet Ø	mm	160	160	180	180	180	200	200	200	200	250	200	180	180	200
Performance	Standard Energy efficiency class		A+	A+	A+	A+	A+	A+	A+	A+	A | A+ | A+	A+	A+	A+	A+	A+
	Standard Nominal output	kW	5,2 | 5,0	5,0	7,0	7,0	7,0	9,0	9,0	11,0	11,0	10,4	11,0	7,0	7,0	10,4
	Standard Thermal output range	kW	4,5 - 6,8	4,5-6,5	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	6,3 - 11,7	6,3 - 11,7	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
	Standard Efficiency	%	80| > 80	> 80	> 78	> 78	> 78	80	80	> 80	78 | > 80 | > 80	80	80	> 80	> 80	> 80
	Standard Flue gas temperature	°C	358 | 334	334	330	290	290	342 | 299	342 | 299	288 | 305	355 | 288 | 305	275	300	275	275	310
	S Energy efficiency class		-	-	-	-	-	-	-	A+	A	-	-	-	-	-
	S Nominal output	kW	-	-	-	-	-	-	-	7,0	7,0	-	-	-	-	-
	S Thermal output range	kW	-	-	-	-	-	-	-	4,9 - 9,1	4,9 - 9,1	-	-	-	-	-
	S Efficiency	%	-	-	-	-	-	-	-	> 80	> 80	-	-	-	-	-
	S Flue gas temperature	°C	-	-	-	-	-	-	-	300	300	-	-	-	-	-
	with NSHF Energy efficiency class		A+	A+	A+	-	-	A+	A+	-	-	-	-	A+	A+	-
	with NSHF Nominal output	kW	6,2	6,2	10,0	-	-	10,0	10,0	-	-	-	-	11,0	11,0	-
	with NSHF Thermal output range	kW	4,5 - 8,1	4,5 - 8,1	7,0 - 13,0	-	-	7,0 - 13,0	7,0 - 13,0	-	-	-	-	7,7 - 14,3	7,7 - 14,3	-
	with NSHF Efficiency	%	> 85	> 85	> 85	-	-	> 85	> 85	-	-	-	-	> 85	> 85	-
	with NSHF Flue gas temperature	°C	355	355	470	-	-	391 | 392	391 | 392	-	-	-	-	347	347	-
	Export Energy efficiency class		-	-	-	-	-	A+	A+	A+	A	A+	-	A+	A+	-
	Export Nominal output	kW	-	-	-	-	-	14,5	14,5	17,5	17,5	17,0	-	11,0	11,0	-
	Export Thermal output range	kW	-	-	-	-	-	10,2 - 18,9	10,2 - 18,9	12,3 - 21,2	- | 12,3 - 21,2 | 12,3 - 21,2	11,9 - 21,2	-	7,7 - 14,3	7,7 - 14,3	-
	Export Efficiency	%	-	-	-	-	-	> 78	> 78	> 78	> 78	80	-	> 80	> 80	-
	Export Flue gas temperature	°C	-	-	-	-	-	346 | 327	346 | 327	330 | 333	- | 330 | 333	319	-	340	340	-
	Delivery pressure	Pa	12	12	14	14	14	12	12	12	11 | 12 | 12	12 | 13	11	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open firebox door		-	-	✓ | -	✓	✓	-	-	-	✓	-	-	-	-	✓
	2. Level BImSchV		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓	✓	✓	✓*	✓*	✓*	✓*	✓	✓*	✓	✓	✓	✓	✓
Info	Door closure		hinged	elevating	hinged	hinged	elevating	hinged	elevating	hinged	elevating	elevating	elevating	hinged	elevating	elevating
	Weight	kg	125 | 126	150	160	205	205	200	200 | 235	200 | 205	220 | 245 | 250	351	272	171	212	300
	Glazing		single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing

NSHF = additional heating exchange surface | S = with a lower output





Installation examples

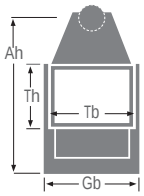
not illustrated	not illustrated	Page 11	not illustrated	not illustrated	not illustrated	not illustrated	not illustrated	not illustrated	Page 12	not illustrated	not illustrated	Page 18	not illustrated		
Varia Ah-4S-2	**Varia Bh-4S**	**Varia B-120h-4S**	**Varia M-60h-4S**	**Varia M-80h-4S**	**Varia M-100h-4S**	**Varia M-60h-4S GET**	**Varia M-80h-4S GET**	**Varia M-100h-4S GET**	**Arte 1Vh-66-4S-2**	**Arte Bh-4S**	**Arte Xh-3S**	**Mini S-FDh-4S**	**Varia FD-4S**	Fireplace insert	
														Top view Panel arrangement Gt	
867	1006	1206	602	802	1006	606	802	1006	396	656	988	606 f/ 604 r	675 f/ 675 r	mm	Door frame width [Tb]
430	523	523	523	523	523	513	523	523	663	805	-	513 f/510 r| 573 f/570 r	510 f/510 r| 570 f/570 r	mm	Door frame height [Th]
430	493	493	-	-	-	-	-	-	-	795	660	483 f/ 510 r	- -	mm	Door frame height [Th]
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm	Prestige door frame height [Th]
1050	1143	1343	739	942	1143	321	1021	1225	573	823	1180	771	762	mm	Overall width [Gb]
498	530	512	476	476	476	501	501	501	575	526	720	588	607	mm	Overall depth [Gt]
1318	1187	1293	1450	1450	1450	1344	1344	1344	1495	1393	1536	1373 | 1433	1497 | 1621	mm	Connection height [Ah]
200	250	250	200	200	200	180	180	180	180	200	250	200	250	mm	Flue outlet Ø
A+	**A**	**A**	**A**	**A**	**A**	**A+**	**A+**	**A+**	**A+**	**A**	**A**	**A**	**A+**		Energy efficiency class
9,0	10,4	15,0	7,0	9,0	11,0	8,0	9,0	10,4	6,4	11,0	11,0	6,0	11,6	kW	Nominal output
6,3 - 11,7	7,3 - 13,5	10,5 - 19,5	4,9 - 9,1	6,3 - 11,7	7,7 - 14,3	5,6 - 10,4	6,3 - 11,7	7,4 - 13,5	4,6 - 8,6	7,7 - 14,3	7,7 - 14,3	4,5 - 7,8	8,1 -15,1	kW	Thermal output range
> 80	> 78	78	> 78	> 78	> 78	80	> 80	80	> 85	> 78	> 78	> 78	80	%	Efficiency
267	311	296	330	310	340	311	279	308	241	350	300	360	305	°C	Flue gas temperature
-	**A**	-	-	-	-	-	-	-	-	-	-	-	-		Energy efficiency class
-	9,0	-	-	-	-	-	-	-	-	-	-	-	-	kW	Nominal output
-	6,3 - 11,7	-	-	-	-	-	-	-	-	-	-	-	-	kW	Thermal output range
-	> 78	-	-	-	-	-	-	-	-	-	-	-	-	%	Efficiency
-	278	-	-	-	-	-	-	-	-	-	-	-	-	°C	Flue gas temperature
-	-	-	-	-	-	-	-	-	**A+**	-	-	-	-		Energy efficiency class
-	-	-	-	-	-	-	-	-	10,4	-	-	-	-	kW	Nominal output
-	-	-	-	-	-	-	-	-	7,3 - 13,5	-	-	-	-	kW	Thermal output range
-	-	-	-	-	-	-	-	-	> 85	-	-	-	-	%	Efficiency
-	-	-	-	-	-	-	-	-	292	-	-	-	-	°C	Flue gas temperature
-	-	-	-	-	-	-	-	-	**A+**	-	-	-	-		Energy efficiency class
-	-	-	-	-	-	-	-	-	14,0	-	-	-	-	kW	Nominal output
-	-	-	-	-	-	-	-	-	9,8 - 18,2	-	-	-	-	kW	Thermal output range
-	-	-	-	-	-	-	-	-	> 80	-	-	-	-	%	Efficiency
-	-	-	-	-	-	-	-	-	322	-	-	-	-	°C	Flue gas temperature
12	12	12	12	12	14	12	12	12	12	12	12	12	12	Pa	Delivery pressure
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	mg/Nm³	CO_2 emission
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	mg/Nm³	Dust emission
-	-	-	✓	✓	✓	-	-	-	-	✓	✓	✓	✓		Operation with open firebox door
✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓		2. Level BImSchV
-	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓	✓*	✓*	✓*	✓		15a BVG
elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating		Door closure
306	350	370	205	291	350	260 | 290 (DH)	250 | 280 (DH)	350 | 380 (DH)	243	260	433	266	213	kg	Weight
single glazing	double glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing		Glazing

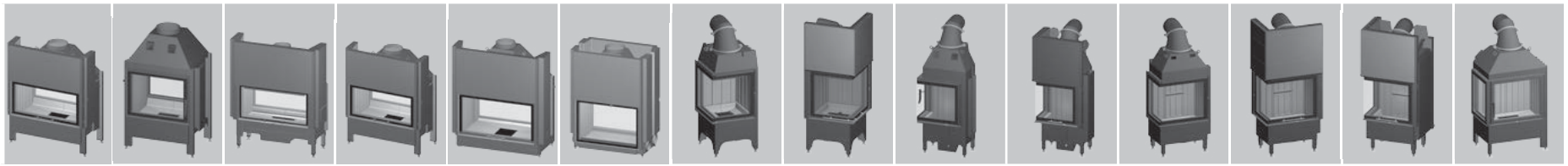
Dimensions | Performance (Standard, S, with NSHF, Export) | Tests | Info

Frames with a depth of 50 mm and an up stand of 30 mm suitable for 3-sided or 4-sided models. Optional available.
* fulfils 15a, 2015 only with AT attachment, Attention: flue gas connection height +160 mm

Technical data

Front

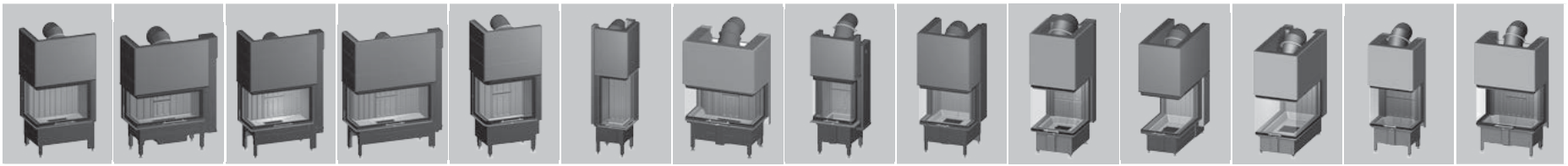


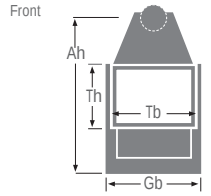


Installation examples

			page 16	not illustrated	page 17	page 14	page 15	page 19	page 20	page 21	not illustrated	page 22	not illustrated	Page 22	not illustrated	not illustrated
	Fireplace insert		Varia FDh-4S	Varia AS-FD-4S-2	Varia AS-FDh-4S-2	Varia A-FDh-4S	Varia B-FDh-4S	Arte X-FDh-3S	Mini 2L-4S / Mini 2R-4S	Mini 2LRh-4S	Varia 2L-50-4S / Varia 2R-50-4S	Varia 2L-50h / Varia 2R-50h	Varia 2L-55-4S / Varia 2R-55-4S	Varia 2L-55h-4S / Varia 2R-55h-4S	Varia 2L/2R-55h-4S GET	Varia 2L / Varia 2R
	Top view Panel arrangement															
Dimensions	Door frame width [Tb]	mm	671 f / 676 r	751 f / 751 r	730 f / 753 r	881 f / 885 r	1006 f / 1008 r	988 f / 988 r	455 x 455	466 x 466	512 x 301	533 x 324	574 x 381	583 x 391	584 x 392	670 x 450
	Door frame height [Th]	mm	513f/514r | 573f/574r	372 f / 372 r	371 f / 373 r	440 f / 436 r	523 f / 519 r	660 f / 660 r	506 | 566	505 | 565	500	504	510	516	514	-
	Door frame height [Th]	mm	513f/514r | 573f/574r	-	371 f / 373 r	440 f / 436 r	493 f / 519 r	-	-	-	-	-	-	-	-	-
	Prestige door frame height [Th]	mm	-	-	-	-	-	-	-	-	-	-	-	-	-	510
	Overall width [Gb]	mm	808	906	953	1018	1213	1185	506	523	600	654	620	653	659	760
	Overall depth [Gt]	mm	636	417	443	600	673	662	506	561	481	468	428	478	564	550
	Connection height [Ah]	mm	1223 | 1283	1069	1069	1233	1305	1537	1245 | 1305	1245 | 1305	1421	1421	1346	1346	1346	1323
	Flue outlet Ø	mm	250	180	180	250	250	300	180	180	180	180	180	180	180	200
Performance	Standard: Energy efficiency class		A+	A+	A+	A+	A+	A	A+	A+	A+	A+	A+	A+	A+	A+
	Standard: Nominal output	kW	11,6	7,0	7,0	10,4	11,0	11,0	7,0	7,0	7,0	7,0	7,0	7,0	7,0	11,0
	Standard: Thermal output range	kW	8,1 - 15,1	4,9 - 9,1	4,9 - 9,1	7,3 - 13,5	7,7 - 14,3	7,7 - 14,3	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	7,7 - 14,3
	Standard: Efficiency	%	80	> 80	> 80	> 80	> 78	> 78	80	80	> 80	> 80	> 80	> 80	> 80	80
	Standard: Flue gas temperature	°C	305	290	290	300	300	300	343	343	243	243	325	325	276	330
	S: Energy efficiency class		-	-	-	-	-	-	-	-	-	-	-	-	-	A
	S: Nominal output	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	7,0
	S: Thermal output range	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	4,9 - 9,1
	S: Efficiency	%	-	-	-	-	-	-	-	-	-	-	-	-	-	> 78
	S: Flue gas temperature	°C	-	-	-	-	-	-	-	-	-	-	-	-	-	245
	with NSHF: Energy efficiency class		-	A+	A+	-	-	-	-	-	-	-	-	-	-	A+
	with NSHF: Nominal output	kW	-	11,0	11,0	-	-	-	-	-	-	-	-	-	-	12
	with NSHF: Thermal output range	kW	-	7,7 - 14,3	7,7 - 14,3	-	-	-	-	-	-	-	-	-	-	8,4 - 15,6
	with NSHF: Efficiency	%	-	> 85	> 80	-	-	-	-	-	-	-	-	-	-	80
	with NSHF: Flue gas temperature	°C	-	272	272	-	-	-	-	-	-	-	-	-	-	350
	Export: Energy efficiency class		-	A+	A+	-	-	-	A	A	-	-	-	-	-	-
	Export: Nominal output	kW	-	11,0	11,0	-	-	-	11,0	11,0	-	-	-	-	-	-
	Export: Thermal output range	kW	-	7,7 - 14,3	7,7 - 14,3	-	-	-	7,7 - 14,3	7,7 - 14,3	-	-	-	-	-	-
	Export: Efficiency	%	-	> 80	> 80	-	-	-	77	77	-	-	-	-	-	-
	Export: Flue gas temperature	°C	-	320	320	-	-	-	366	366	-	-	-	-	-	-
	Delivery pressure	Pa	12,3	12	12	12	12	12	12	12	12	12	12	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open firebox door		-	-	-	✓	✓	✓	-	-	-	-	✓	✓	-	✓
	2. Level BImSchV		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓	✓	✓	✓	✓**	✓**	✓	✓	✓	✓	✓	✓	✓	✓*
Info	Door closure		elevating	hinged	elevating	elevating	elevating	elevating	hinged	elevating	hinged	elevating	hinged	elevating	elevating	hinged
	Weight	kg	265	171	203	315	341	500	145	165	136	170	170	220	180 | 210 (DH)	210
	Glazing		single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing

NSHF = additional heating exchange surface | S = with a lower output





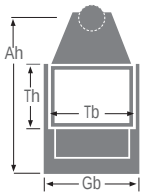
Installation examples

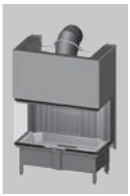
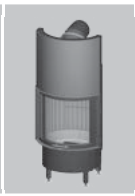
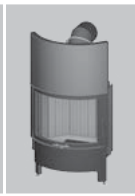
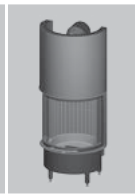
page 23	page 25	page 24	page 25	not illustrated	page 23	not illustrated	page 26	page 27	page 30	page 31	page 31	page 28	page 28			
Varia 2Lh-4S / Varia 2Rh-4S	**Varia AS-2Lh-4S / Varia AS-2Rh-4S**	**Varia 2L-80h-4S / Varia 2R-80h-4S**	**Varia 2L-100h-4S / Varia 2R-100h-4S**	**Varia 2LR-55h-4S / Varia 2RR-55h-4S**	**Arte 2LRh-66-4S-2**	**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**	Fireplace insert		
														Top view Panel arrangement		
685 x 466	730 x 358	802 x 412	1002 x 412	583 x 391	363 x 363	358 x 730 x 358	190 x 510 x 190	312x 646 x 312	499 x 501 x 499	713 x 501 x 713	913 x 556 x 913	370 x 600 x 370	400 x 800 x 400	mm	Door frame width [Tb]	Dimensions
512 | 572	370	513	523	514	663	400	527	527	544	544	544	570	570	mm	Door frame height [Th]	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm	Door frame height [Th]	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm	Prestige door frame height [Th]	
797	901	973	1173	652	493	783	558	685	540	540	597	639	839	mm	Overall width [Gb]	
606	441	508	509	479	493	494	476	643	697	911	1105	527	553	mm	Overall depth [Gt]	
1323 | 1383	1099	1323	1361	1346	1493	1212	1366	1476	1337 | 1359	1316 | 1340	1316 | 1340	1533 | 1557	1532 | 1560	mm	Connection height [Ah]	
200	200	200	250	180	180	200	180	250	200 | 250	200 | 250	200 | 250	200 | 250	200 | 250	mm	Flue outlet Ø	
A+	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A**	**A**	**A+**	**A+**		Energy efficiency class	Performance
11,0	7,0	10,4	11,0	7,0	6,4	8,4	8,0	9,0	9,0	11,0	13,0	7,5	9,0	kW	Nominal output	Standard
7,7 - 14,3	4,9 - 9,1	7,2 - 13,5	7,7 - 14,3	4,9 - 9,1	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	5,3 - 9,8	6,3 - 11,7	kW	Thermal output range	
80	80	> 80	> 78	80	> 80	> 80	> 80	80	80	> 78	> 78	> 80	> 80	%	Efficiency	
330	311	283	280	325	275	283	255	340	310	310	310	310	335	°C	Flue gas temperature	
A	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		Energy efficiency class	S
7,0	-	-	-	-	-	-	-	-	-	-	-	-	-	kW	Nominal output	
4,9 - 9,1	-	-	-	-	-	-	-	-	-	-	-	-	-	kW	Thermal output range	
> 78	-	-	-	-	-	-	-	-	-	-	-	-	-	%	Efficiency	
245	-	-	-	-	-	-	-	-	-	-	-	-	-	°C	Flue gas temperature	
A+	**-**	**-**	**-**	**-**	**A+**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		Energy efficiency class	with NSHF
12,0	-	-	-	-	10,4	-	-	-	-	-	-	-	-	kW	Nominal output	
8,4 - 15,6	-	-	-	-	7,3 - 13,5	-	-	-	-	-	-	-	-	kW	Thermal output range	
80	-	-	-	-	> 85	-	-	-	-	-	-	-	-	%	Efficiency	
350	-	-	-	-	327	-	-	-	-	-	-	-	-	°C	Flue gas temperature	
-	**A+**	**A+**	**-**	**-**	**A+**	**A+**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		Energy efficiency class	Export
-	11,0	16,0	-	-	12,0	12,0	-	-	-	-	-	-	-	kW	Nominal output	
-	7,7 - 14,3	11,2 - 20,8	-	-	8,4 - 15,6	8,4 - 15,6	-	-	-	-	-	-	-	kW	Thermal output range	
-	80	> 80	-	-	80	80	-	-	-	-	-	-	-	%	Efficiency	
-	349	305	-	-	350	305	-	-	-	-	-	-	-	°C	Flue gas temperature	
12	12	12	12	12	12	12	12	14	12	12	12	12	12	Pa	Delivery pressure	Performance
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	mg/Nm³	CO_2 emission	
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	mg/Nm³	Dust emission	
✓	-	-	✓	-	-	-	-	✓	-	-	-	✓	✓		Operation with open firebox door	Tests
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		2. Level BImSchV	
✓*	✓	✓	✓*	✓	✓	✓	✓	✓	✓	✓*	✓**	✓	✓		15a BVG	
elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating		Door closure	Info
270	181	275	280	200	202	200	230	300	235	375	393	250	310	kg	Weight	
single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing		Glazing	

Frames with a depth of 50 mm and an up stand of 30 mm suitable for 3-sided or 4-sided models. Optional available.
* fulfils 15a, 2015 only with AT attachment, Attention: flue gas connection height +160 mm

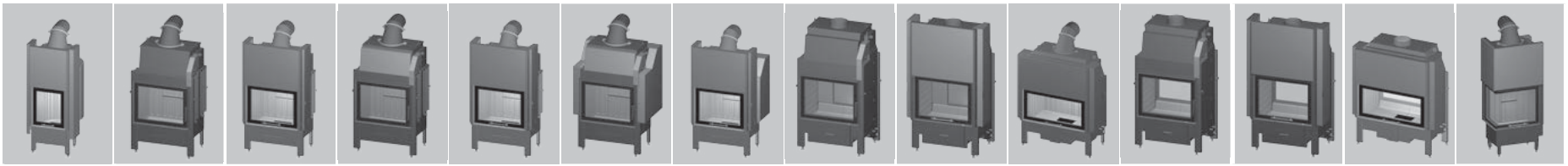
Technical data

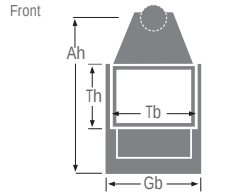
Front



Installation examples																
			page 29	page 32/33	not illustrated	not illustrated	not illustrated	page 34	page 35	page 34	page 36	not illustrated	page 37	not illustrated	page 48	not illustrated
Fireplace insert			Arte 3RL-100h-4S	Speedy MR	Speedy MRh	Speedy R	Speedy Rh	Speedy Ph-4S	Magic	Speedy MDRh	Speedy M	Speedy Mh	Speedy K	Speedy Kh	Mini Z1 H_2O-4S	Mini Z1 H_2O XL-4S
Top view Panel arrangement																
Dimensions	Door frame width [Tb]	mm	450 x 1000 x 450	550	622	670	734	523	750	668	165 x 314 x 165	163 x 323x 163	165 x 444 x 165	163 x 452 x 163	445	445
	4S Door frame height [Th]	mm	570	-	-	-	-	570	-	-	-	-	-	-	509	509
	3S Door frame height [Th]	mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prestige door frame height [Th]	mm	-	510 | 570	510 | 570	510 | 570	510 | 570	-	578	570	510 | 570	510 | 570	510 | 570	510 | 570	-	-
	Overall width [Gb]	mm	1039	550	622	686	734	525	750	672	586	642	686	766	646	646
	Overall depth [Gt]	mm	593	552	602	576	581	540	895	666	480	485	520	536	642	642
	Connection height [Ah]	mm	1560	1355	1355	1253 | 1313	1253 | 1313	1330	1389	1468	1133 | 1193 | 1253	1193 | 1253	1253 | 1313	1253 | 1313	1519	1519
	Flue outlet Ø	mm	250	180	180	200	200	160	180	200	180	180	200	200	180	180
Performance	Standard Energy efficiency class		A	A+	A+	A	A	A+	A+	A	A+	A+	A	A	A+	A+
	Standard Nominal output	kW	11,0	9,0	9,0	9,0	9,0	7,0	12,0	9,0	8,0	8,0	9,0	9,0	7,0 | 5,5	10,0 | 8,0
	Standard Thermal output range	kW	7,7 - 14,3	6,3 - 11,7	6,3 - 11,7	6,3 - 11,7	6,3 - 11,7	4,9 - 9,1	8,4 - 15,6	6,3 - 11,7	5,6 - 10,4	5,6 - 10,4	6,3 - 11,7	6,3 - 11,7	4,9 - 9,1	7,0 - 13,0
	Standard Efficiency	%	> 78	> 80	> 80	78	78	> 80	80	> 78	> 80	> 80	78	78	> 85	> 85
	Standard Flue gas temperature	°C	360	360	360	336	336	290	370	310	324	324	336	336	235	245
	S Energy efficiency class		-	A+	A+	-	-	-	-	-	-	-	-	-	-	-
	S Nominal output	kW	-	7,0	7,0	-	-	-	-	-	-	-	-	-	-	-
	S Thermal output range	kW	-	4,9 - 9,1	4,9 - 9,1	-	-	-	-	-	-	-	-	-	-	-
	S Efficiency	%	-	> 80	> 80	-	-	-	-	-	-	-	-	-	-	-
	S Flue gas temperature	°C	-	341	341	-	-	-	-	-	-	-	-	-	-	-
	with NSHF Energy efficiency class		-	-	-	A+	A+	-	-	-	A+	A+	A+	A+	-	-
	with NSHF Nominal output	kW	-	-	-	10,0	10,0	-	-	-	9,0	9,0	10,0	10,0	-	-
	with NSHF Thermal output range	kW	-	-	-	7,0 - 13,0	7,0 - 13,0	-	-	-	6,3 - 11,7	6,3 - 11,7	7,0 -13,0	7,0 - 13,0	-	-
	with NSHF Efficiency	%	-	-	-	> 80	> 80	-	-	-	> 80	> 80	> 80	> 80	-	-
	with NSHF Flue gas temperature	°C	-	-	-	430	430	-	-	-	330	330	430	430	-	-
	Export Energy efficiency class		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Nominal output	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Thermal output range	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Efficiency	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Flue gas temperature	°C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delivery pressure	Pa	12	12	12	12	12	12	11	12	12	12	12	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open firebox door		✓	-	-	✓	✓	-	-	✓	-	-	✓	✓	-	-
	2. Level BImSchV		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓*	✓	✓	✓*	✓*	-	✓	✓*	✓	✓	✓*	✓*	✓	✓
Info	Door closure		elevating	hinged	elevating	hinged	elevating	elevating	hinged	elevating	hinged	elevating	hinged	elevating	hinged	hinged
	Weight	kg	380	200	240	190	210	210	295	300	180	190 | 210	190	220	210	220
	Glazing		single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	double glazing	double glazing

NSHF = additional heating exchange surface | S = with a lower output





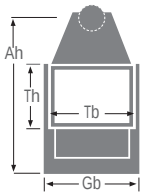
not illustrated	not illustrated	not illustrated	page 47	not illustrated	not illustrated	not illustrated	page 44	page 40	not illustrated	page 41	page 41	page 49	page 46	Installation examples
Mini Z1h H_2O XL-4S	**Varia 1V H_2O-4S**	**Varia 1Vh H_2O-4S**	**Varia 1V H_2O XL-4S**	**Varia 1Vh H_2O XL-4S**	**Varia 1V H_2O XXL-4S**	**Varia 1Vh H_2O XXL-4S**	**Varia 1VX H_2O-4S**	**Varia 1VXh H_2O-4S**	**Varia Ah H_2O-4S**	**Varia FD H_2O-4S**	**Varia FDh H_2O-4S**	**Varia A-FDh H_2O-4S**	**Varia 2L/2R-55h H_2O-4S**	Fireplace insert
														Top view Panel arrangement
441	675	671	675	671	675	671	671 f / 420 r	671 f / 420 r	881	675 f / 677 r	671 f / 677 r	881 f / 885 r	583 x 391	mm Door frame width [Tb]
513	512	513	512	513	512	513	512 f / 440 r	513 f / 440 r	440	512 f / 511 r	513 f / 514 r	440 f / 436 r	516	mm Door frame height [Th]
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm Door frame height [Th]
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm Prestige door frame height [Th]
646	765	808	765	808	886	886	765	876	1084	765	876	1081	662	mm Overall width [Gb]
670	564	592	564	592	621	649	564	580	623	608	636	609	505	mm Overall depth [Gt]
1519	1469	1469	1477	1477	1477	1477	1438	1438	1497	1436	1438	1349	1570	mm Connection height [Ah]
180	180	180	200	200	200	200	200	200	200	200	200	200	180	mm Flue outlet Ø
A+	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	Energy efficiency class
10,0 | 8,0	8,0 | 5,0	8,0 | 5,0	9,0 | 6,0	9,0 | 6,0	15,0 | 11,0	15,0 | 11,0	10,0 | 6,4	10,0 | 6,4	10,4 | 7,2	10,0 | 6,4	10,0 | 6,4	10,4 | 6,2	7,0 | 4,2	kW Nominal output
7,0 - 13,0	5,6 - 10,4	5,6 - 10,4	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	4,9 - 9,1	kW Thermal output range
> 85	> 80	> 80	> 85	> 85	> 85	> 85	> 80	> 80	> 85	> 80	> 80	> 80	> 85	% Efficiency
245	240	240	220	220	225	225	202	202	230	202	202	260	230	°C Flue gas temperature
-	-	-	-	-	-	-	-	-	-	-	-	-	-	Energy efficiency class
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW Nominal output
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW Thermal output range
-	-	-	-	-	-	-	-	-	-	-	-	-	-	% Efficiency
-	-	-	-	-	-	-	-	-	-	-	-	-	-	°C Flue gas temperature
-	-	-	-	-	-	-	-	-	-	-	-	-	-	Energy efficiency class
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW Nominal output
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW Thermal output range
-	-	-	-	-	-	-	-	-	-	-	-	-	-	% Efficiency
-	-	-	-	-	-	-	-	-	-	-	-	-	-	°C Flue gas temperature
-	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	Energy efficiency class
-	11,0 | 6,0	11,0 | 6,0	12,0 | 8,5	12,0 | 8,5	21,7 | 15,0	21,7 | 15,0	15,0 | 9,4 / 21,0 | 13,2	15,0 | 9,4 / 21,0 | 13,2	14,0 | 9,8	15,0 | 9,4 / 21,0 | 13,2	15,0 | 9,4 / 21,0 | 13,2	15,0 | 9,0	12,0 | 7,2	kW Nominal output
-	7,7 - 14,3	7,7 - 14,3	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	8,4 - 15,6	kW Thermal output range
-	> 80	> 80	85	85	> 85	> 85	85 | > 85	85 | > 85	> 80	85 | > 85	85 | > 85	> 85	> 80	% Efficiency
-	250	250	235	235	240	240	217 | 226	217 | 226	250	217 | 226	217 | 226	240	235	°C Flue gas temperature
12	12	12	12	12	12	12	12	12	12	12	12	12	12	Pa Delivery pressure
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	mg/Nm³ CO_2 emission
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	mg/Nm³ Dust emission
-	-	-	-	-	-	-	-	-	-	-	-	-	-	Operation with open firebox door
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2. Level BImSchV
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	15a BVG
elevating	hinged	elevating	hinged	elevating	hinged	elevating	hinged	elevating	elevating	hinged	elevating	elevating	elevating	Door closure
250	230	260	250	290	280	320	350	390	395	370	410	396	300	kg Weight
double glazing	single glazing	single glazing	double glazing	double glazing	double glazing	double glazing	single glazing	single glazing	double glazing	double glazing	double glazing	double glazing	single glazing	Glazing

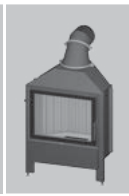
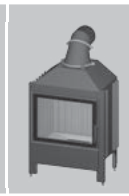
Dimensions | Performance (Standard, S, with NSHF, Export) | Tests | Info

Frames with a depth of 50 mm and an up stand of 30 mm suitable for 3-sided or 4-sided models. Optional available.
* fulfils 15a, 2015 only with AT attachment, Attention: flue gas connection height +160 mm

Technical data

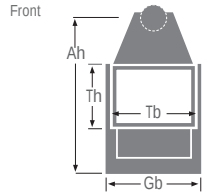
Front



																
Installation examples			page 42	page 50/56	page 51	page 52	not illustrated	page 53/54	page 55	not illustrated	not illustrated	not illustrated	not illustrated	not illustrated	not illustrated	not illustrated	not illustrated
Fireplace insert			**Varia 2Lh/2Rh H_2O-4S**	Renova B Air NSHF	Renova C Air **NSHF (wood)**	Nova F Air	Renova C Air **NSHF (lignite)**	Nova E H_2O NSHF	Renova A H2O NSHF	**Mini R1V-4S** RLU	**Mini R1Vh-4S** RLU	**Mini Z1-4S** RLU	**Mini S-4S** RLU	**Mini Sh-4S** RLU	**Speedy 1V-4S** RLU	**Varia 1V-4S** RLU
Top view Panel arrangement																
Gt																	
Dimensions	Door frame width [Tb]	mm	685 x 466	380	417	445	417	445	390	445	441	445	604	606	675	675
	4S Door frame height [Th]	mm	512	510 | 570	600	510 | 570	600	450	450	518 | 578	573	518 | 578	518	513	518 | 578	518 | 578
	8S Door frame height [Th]	mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prestige door frame height [Th]	mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Overall width [Gb]	mm	802	385	412	445	480	480	425	540	578	540	698	769	775	765
	Overall depth [Gt]	mm	618	568	456	738	505	723	653	454	491	591	422	450	527	558
	Connection height [Ah]	mm	1538	844 | 994	935	874 | 1024	985	1238	1035	1000 | 1060	1068	1275 | 1335	1176	1175	1233 | 1293	1295 | 1355
	Flue outlet Ø	mm	200	180	160	150	160	180	180	160	160	180	180	180	200	200
Performance	Standard Energy efficiency class		**A+**	-	-	-	-	-	-	**A+**	**A+**	**A**	**A**	**A**	**A+**	**A+**
	Standard Nominal output	kW	10,4 | 5,9	-	-	-	-	-	-	5,2	5,0	7,0	7,0	7,0	9,0	11,0
	Standard Thermal output range	kW	7,3 - 13,5	-	-	-	-	-	-	4,5 - 6,8	4,5 - 6,5	4,9 - 9,1	4,9 - 9,1	4,9 - 9,1	6,3 - 11,7	7,7 - 14,3
	Standard Efficiency	%	> 80	-	-	-	-	-	-	80 | > 80	> 80	> 78	> 78	> 78	80	> 80 | 80
	Standard Flue gas temperature	°C	285	-	-	-	-	-	-	358 | 334	334	330	290	290	342 | 299	288 | 305
	S Energy efficiency class		-	-	-	-	-	-	-	-	-	-	-	-	-	**A+**
	S Nominal output	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	7,0
	S Thermal output range	kW	-	-	-	-	-	-	-	-	-	-	-	-	-	4,9 - 9,1
	S Efficiency	%	-	-	-	-	-	-	-	-	-	-	-	-	-	> 80
	S Flue gas temperature	°C	-	-	-	-	-	-	-	-	-	-	-	-	-	300
	with NSHF Energy efficiency class		-	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	-	-	-	-	-	-	-
	with NSHF Nominal output	kW	-	8,8	8,5	10,1	7,8	14,0 | 9,0	13,4 | 6,9	-	-	-	-	-	-	-
	with NSHF Thermal output range	kW	-	6,2 - 11,4	6,0 - 11,1	7,1-13,1	5,5 - 10,1	9,8 - 18,2	9,4 - 17,4	-	-	-	-	-	-	-
	with NSHF Efficiency	%	-	> 85	> 85	> 85	> 85	> 85	> 85	-	-	-	-	-	-	-
	with NSHF Flue gas temperature	°C	-	357	495 | 142 behind NSHF	355	483 | 142 behind NSHF	above 193 | sidew. 340	396 | 165 behind NSHF	-	-	-	-	-	-	-
	Export Energy efficiency class		**A+**	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Nominal output	kW	14,7 | 8,4	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Thermal output range	kW	10,3 - 19,1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Efficiency	%	> 80	-	-	-	-	-	-	-	-	-	-	-	-	-
	Export Flue gas temperature	°C	265	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delivery pressure	Pa	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	CO_2 emission	mg/Nm³	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250
	Dust emission	mg/Nm³	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Tests	Operation with open firebox door		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2. Level BImSchV		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15a BVG		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	✓*	✓	- | ✓
Info	Door closure		elevating	hinged	hinged	hinged	hinged	hinged	hinged	hinged	hinged	elevating	hinged	elevating	hinged	hinged
	Weight	kg	380	140	105	195	110	297,5	200	125 | 126	150	160	205	205	195 | 200	245
	Glazing		single glazing	double glazing	single glazing	double glazing	single glazing	double glazing	double glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing

NSHF = additional heating exchange surface | S = with a lower output

not illustrated



Installation examples

Varia 1Vh-4S RLU	Varia AS-4S-2 RLU	Varia ASh-4S-2 RLU	Varia Sh-4S RLU	Varia M-80h-4S RLU	Varia Bh-4S RLU	Arte 1Vh-66-4S-2 RLU	Varia FD-4S RLU	Varia AS-FD-4S-2 RLU	Varia 2L/2R-55h-4S RLU	Varia 2L/2R-4S RLU	Mini Z1 H_2O-4S RLU	Mini Z1 H_2O XL-4S RLU	Varia 1V H_2O XL-4S RLU	Fireplace insert			
														Top view Panel arrangement			
671	751	773	746	802	1006	396	675 v 675 h	751 v 751 h	391 x 583	472 x 682	445	445	675	mm	Door frame width [Tb]		Dimensions
453 | 513 | 573	378	371	623	528	523	663	518 v 518 h	378 v 378 h	510	518	518	518	518	mm	Door frame height [Th]		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm	Door frame height [Th]		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	mm	Prestige door frame height [Th]		
808	860	918	913	942	1143	573	762	907	620	768	646	646	886	mm	Overall width [Gb]		
586	408	434	526	476	530	575	607	417	428	558	643	643	621	mm	Overall depth [Gt]		
1236 | 1296 | 1356	1094	1093	1307	1450	1187	1495	1497	1016	1346	1323	1522	1522	1473	mm	Connection height [Ah]		
200	180	180	200	200	250	180	250	180	180	200	180	180	200	mm	Flue outlet Ø		
A+	**A+**	**A+**	**A+**	**A**	**A**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**	**A+**		Energy efficiency class	Standard	Performance
9,0	7,0	7,0	11,0	9,0	10,4	6,6	11,0	7,0	7,0	11,0	7,0 | 5,5	10,0 | 8,0	14,0 | 10,0	kW	Nominal output		
6,3 - 11,7	4,9 - 9,1	4,9 - 9,1	7,7 - 14,3	6,3 - 11,7	7,3 - 13,5	4,6 - 8,6	7,7 - 14,3	4,9 - 9,1	4,9 - 9,1	7,7 - 14,3	4,9 - 9,1	7,0 - 13,0	10,1 - 18,7	kW	Thermal output range		
80	> 80	> 80	80	> 78	> 78	> 85	> 78	> 80	> 80	80	> 85	> 85	> 80	%	Efficiency		
342	275	275	300	310	311	241	355	290	325	330	235	245	221	°C	Flue gas temperature		
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**A**	**-**	**-**	**-**		Energy efficiency class	S	
-	-	-	-	-	-	-	-	-	-	7,0	-	-	-	kW	Nominal output		
-	-	-	-	-	-	-	-	-	-	4,9 - 9,1	-	-	-	kW	Thermal output range		
-	-	-	-	-	-	-	-	-	-	> 78	-	-	-	%	Efficiency		
-	-	-	-	-	-	-	-	-	-	245	-	-	-	°C	Flue gas temperature		
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		Energy efficiency class	with NSHF	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW	Nominal output		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW	Thermal output range		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	%	Efficiency		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	°C	Flue gas temperature		
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**		Energy efficiency class	Export	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW	Nominal output		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	kW	Thermal output range		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	%	Efficiency		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	°C	Flue gas temperature		
12	12	12	11	12	12	12	11	12	12	12	12	12	12	Pa	Delivery pressure		
< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	< 1250	mg/Nm³	CO_2 emission		
< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	mg/Nm³	Dust emission		
-	-	✓	-	✓	-	-	-	-	✓	-	-	-	-		Operation with open firebox door		Tests
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		2. Level BImSchV		
✓	✓	✓	✓	✓*	✓*	✓	-	✓	✓	✓*	✓	✓	-		15a BVG		
elevating	hinged	elevating	elevating	elevating	elevating	elevating	hinged	hinged	elevating	hinged	hinged	hinged	hinged		Door closure		Info
230	171	212	272	291	350	243	300	171	220	210	210	220	250	kg	Weight		
single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	single glazing	double glazing	double glazing	double glazing		Glazing		

Frames with a depth of 50 mm and an up stand of 30 mm suitable for 3-sided or 4-sided models. Optional available.
* fulfils 15a, 2015 only with AT attachment, Attention: flue gas connection height +160 mm

Your specialist dealer:

SPARTHERM Feuerungstechnik GmbH

Maschweg 38 · D-49324 Melle · Tel. +49 5422/94 41-0 · Fax +49 5422/94 41-14
info@spartherm.com · www.spartherm.com

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