



Fireplace inserts – and more



The individual fireplace with a built-in fireplace insert

SPARTHERM supplies modern, durable fireplace inserts featuring winning technology and design. We rely on our know-how and instinctive feel when making our inserts because – after all – they are the heart of the fireplace. As well as a big choice of colours, our fireplace inserts are also impressive in terms of what's inside!



SPARTHERM – The Fire Company



G. M. Rokossa.

Gerhard Manfred Rokossa
Founder and owner

Be inspired.

Quality and variety

Whether as an inspired vision of the fireplace inserts of the future or in terms of the reliability and variety of the products in the Linear fireplace insert range, SPARTHERM's high quality standards are unrivalled. Unfussy styling, modernity and technological perfection are the hallmarks of all SPARTHERM fireplace inserts.

Linear provides a clear framework without itself being dominant, on the basis that the fireplace insert should show off the fire to best effect, and not the other way round. Maximum functionality combined with stylish, modern elegance has always been our aim.

Be inspired by our products.



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Varia 1V-100h-4S

€ 62

Arte 1Vh-4S

€ 62

Clear shapes – absolutely linear







Arte F-1V-4S
€ 63

Freedom all along the line



Arte Xh-3S
€ 63



Varia Ah-3S
62 €

Varia B-120h-4S
€ 62

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



Varia Ah-3S
€ 62





Perfection is reached not when
there is no more to be added, but
when nothing can be left out.

Antoine de Saint-Exupéry



Mini Z1-4S

62 €



Mini Sh-4S

€ 62

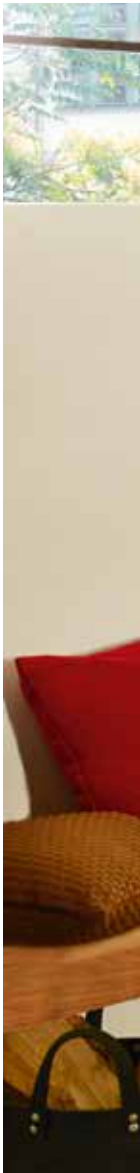


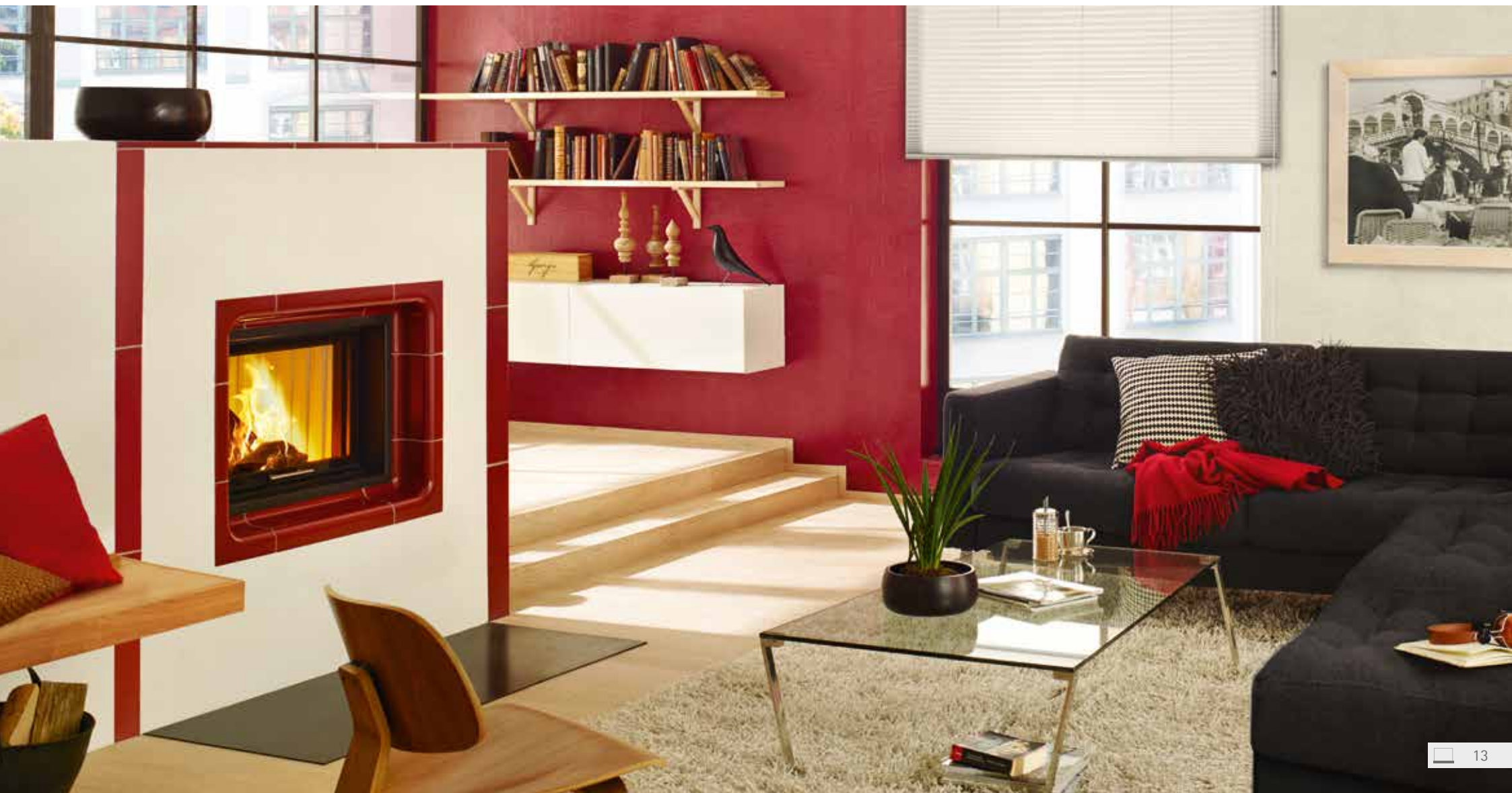
Speedy 1Vh-4S

62 €

Varia 1V-45h-4S

€ 62





The next generation

LINEAR 2

SPARTHERM supplies modern, durable fireplace inserts featuring winning technology and design. We rely on our know-how and instinctive feel when making our inserts because – after all – this is an efficient, modern form of heating.

As well as a variety of model options, our fireplace inserts are also impressive in terms of what's inside!



Benefits for you:

- Patented, automatic bypass flap for even better, smoother burning and thus also greater efficiency
- New design, with even narrower door profiles and printed glass including concealed door mechanism
- New assembly and fastening of separate combustion air connecting piece with one-handed angled-lever closure
- optimised fireclay brick distribution for easier assembly and removal
- new, elevating ash grate for easier removal of the ash pan



The interplay of shape and colour is particularly effective in colour-coordinated living rooms with LINEAR inserts.

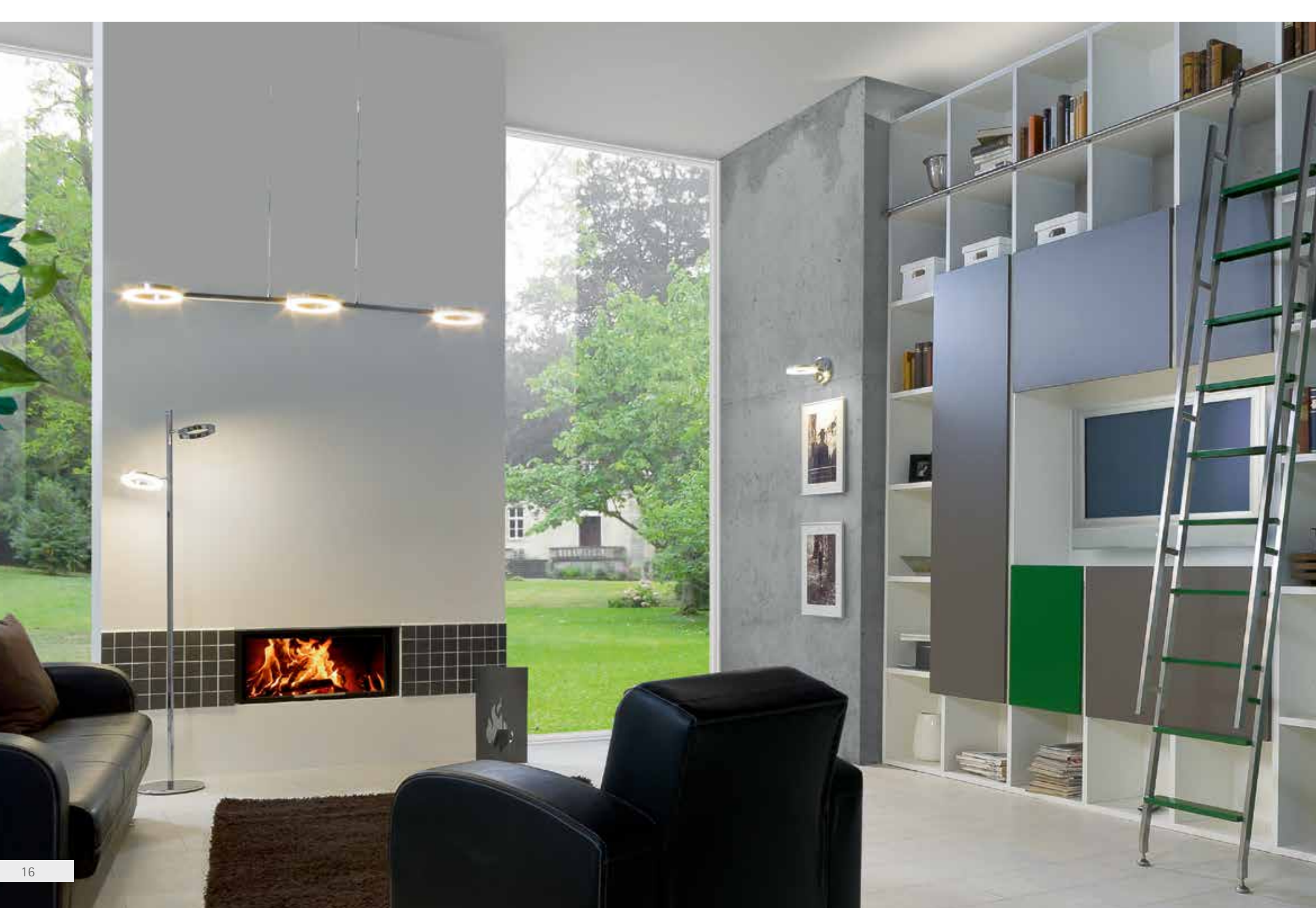
Varia AS-4S-2
€ 62



LINEAR 2



Varia AS-4S-2
€ 62





Varia ASH-4S-2

62 €



LINEAR 2



Varia Ah-4S-2

62 €

Varia GET

The cool fireplace insert solutions

GET is the name for a young fireplace insert generation characterised by an ultra-small installation depth. The secret of this technology is the integral air cooling on the built-in sides of the fireplace insert. This makes it possible to install the fireplace insert right up against the wall, even a flammable wall. We can supply optional insulating hoods for GET models to facilitate installation and shorten the installation time.



Benefits for you:

- Fireplace installation depth is up to 20 cm shallower
- Slim structural shapes
- Short installation time
- Compact / small footprint

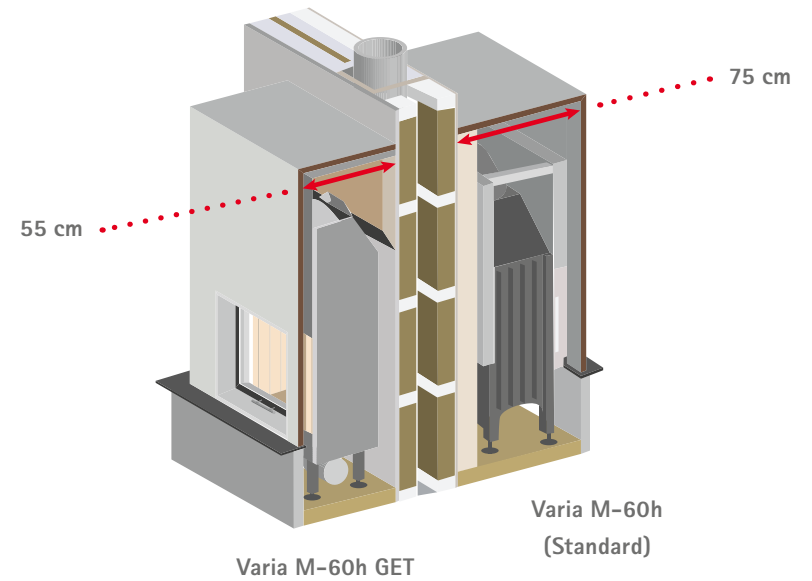


For small living rooms and lower output



Varia M-60h-4S GET
63 €

Installation layout





Varia A-FDh
63 €

Varia A-FDh
63 €

Double-sided fireplaces are something special:
"two" fireplaces in one room. Greater freedom,
greater benefit, greater comfort.

Varia B-FDh-4S

 63






Clear Vision all along the line



Varia AS-FDh-3S-2
63 

Varia FD-4S
63 





Varia 2L-55-45

63 €

Appealing to the emotions - from all sides




Mini 2LRh-4S

€ 63





Varia 2R-55h-4S

63 

i Wall-mounted with
T4S supporting frame



Varia 2Lh-4S

 63

Stylish, harmonious, pleasing design





Varia 2LR-55h-4S

64 €



Cosy with
clear views



Varia 2R-80h-4S

€ 64



Varia AS-2Rh-4S

64 €

L-form



Varia 2R-100h-4S

€ 64



Varia C-45h-4S

64 €

Varia C-45h-4S

€ 64





Varia Ch-4S
€ 64



Varia Ch-4S
64 €



Arte 3RL-60h-4S

64 €

Playing with size and strength



Arte 3RL-80h-4S

€ 64

Arte 3RL-100h-4S

€ 64





Arte U-50h-4S

64 €

True elegance
combined with
top performance



Arte U-50h-4S

€ 64





Arte U-90h-4S

64 €

U-form □



Arte U-70h-4S

€ 64

Speedy Rh
€ 65



Speedy R
€ 65



Speedy MR
€ 65

Rounded edges -
give a cosy atmosphere



Speedy MR
€ 65



Speedy MR
65 €



Speedy MR
€ 65



Speedy MDRh
65 €

Round ○



Speedy MRh
€ 65



Speedy Ph-4S

65 €



Round – a basic form of nature gives harmony and a feeling of well-being.





Speedy MDRh
65 €

Magic
65 €

Inspired vision



Magic
65 €



Speedy RDRh
65 €

Speedy MDRh
€ 65





Speedy Kh
65 €



Speedy M
€ 65

Prism 

Beyond all doubts

Heat storage technology

Imagine
your hot water coming from the stove!

Most of us use electricity, oil and gas to warm our homes and heat our water. We can show you how using Spartherm advanced technology helps to conserve natural resources, as our innovative system utilises the cosy warmth of the fire. Read on and let us really fire you with enthusiasm for the beneficial and environmentally-friendly alternative way of turning a fireplace into a water heater, using ingenious technology - so your system will be an environmentally friendly as well as economical long-term solution.

By adding an Aquabox to a fireplace insert or an existing water-heating fireplace insert you can turn your stove into a futureproof system. Our thermal storage products like Thermobox and Helix use the heat from the flue gases in an efficient way. Our versatile storage stones can be fitted to the left or right of the firebox or behind or above it, as desired. The aim is to show off the dancing flames to best effect and, at the same time, to use the combustion energy effectively.



Varia 2Lh H₂O-4S
€ 66



You will find full details
in our brochure.

Varia A-FDh H₂O-4S
€ 66

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, though, the word 'stove' includes other types of stove as well as the classic traditional tiled stove.

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

The way it works is still the same: a compact fireplace insert with additional heating 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 are routed through ceramic or metal additional heating surfaces which store and absorb the heat. An intelligent control system gradually releases the stored heat, which is thus available to the surrounding room or adjoining

rooms as radiant heat over an extended period. In effect, fireplace inserts with water compartments are real all-rounders – virtually universal heating systems.

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.

Nova F-Air

66



Nova F-Air
66 €

Classic



Nova E H₂O
€ 66



Renova C-Air
€ 66

Consistency at its best

The best of both worlds.
The Renova C-Air is an innovative heating
insert for low-emission burning of split logs
and lignite.



You will find full details
in our brochure.

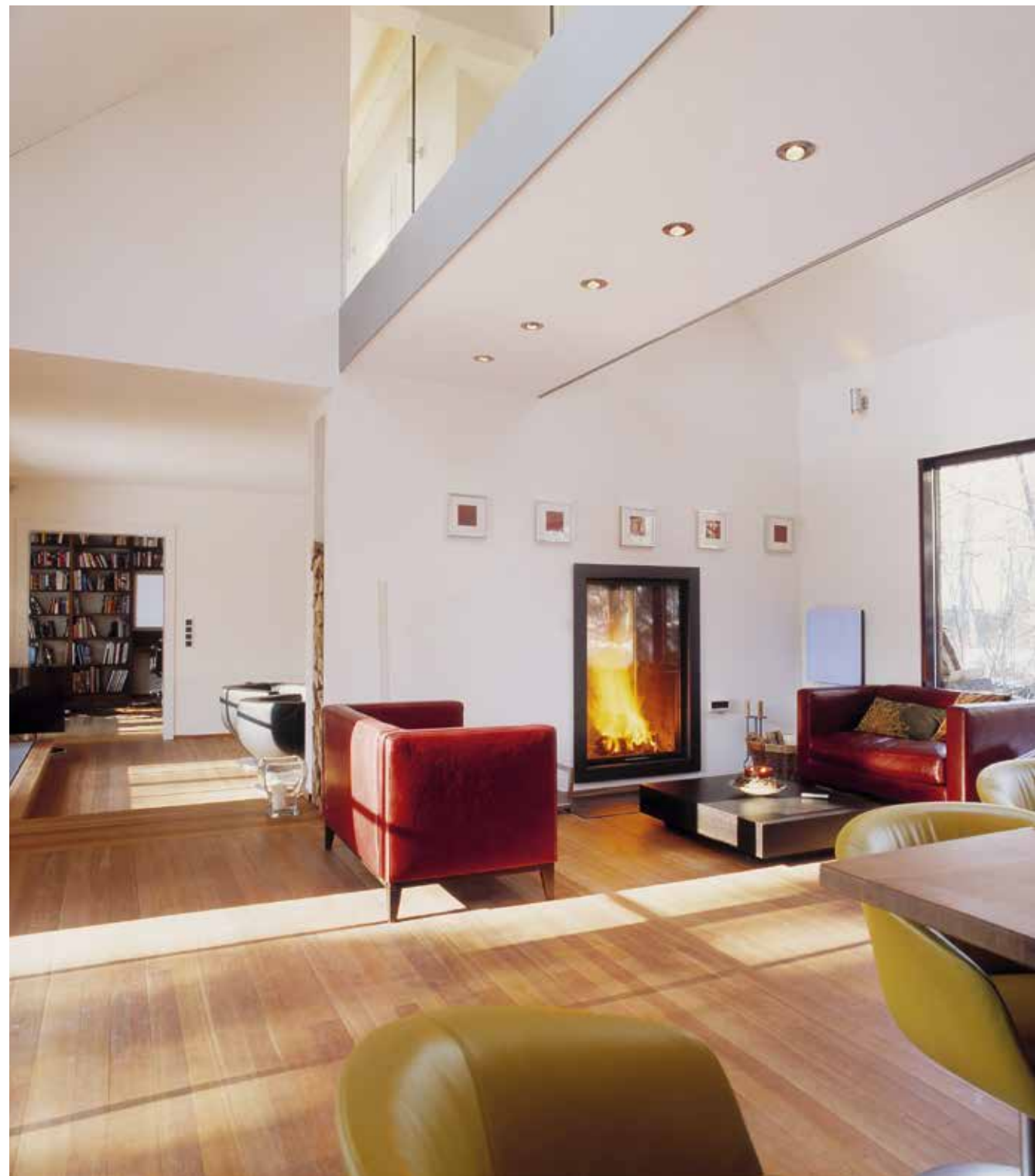
Renova B-Air
€ 66

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 your imagination run wild.

Together with our specialist stove fitting partners, we offer you not only top-class standard products, but also custom-made products like the ones shown here, which touch people on an emotional level, creating feelings of security and comfort.



Endlessly ambitious fires -
with our unique products





All about fires -
all about happiness



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 by SPARTHERM. Thermobox, Helix and Magnetherm storage stones offer optimum flexibility of use combined with maximum benefit.

Here's how it works:

Highly compressed, fired storage material is used as a thermal mass in your stove. While the fire is burning, the heat is stored there to be slowly released into the room after the fire has gone out.

That way, you can perceptibly cut your energy costs as well as protect the environment.

Ask your specialist dealer/stove fitter.



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.

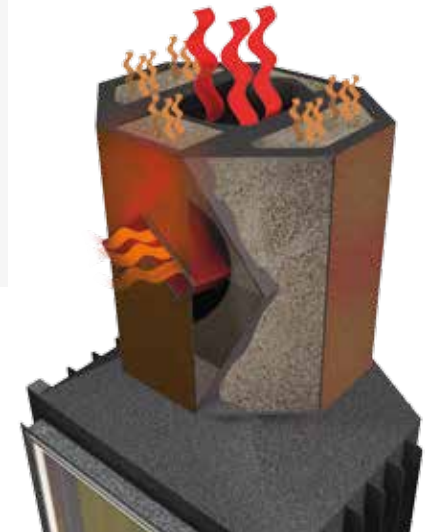


Fireplace insert with narrow Thermobox installed



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 to install



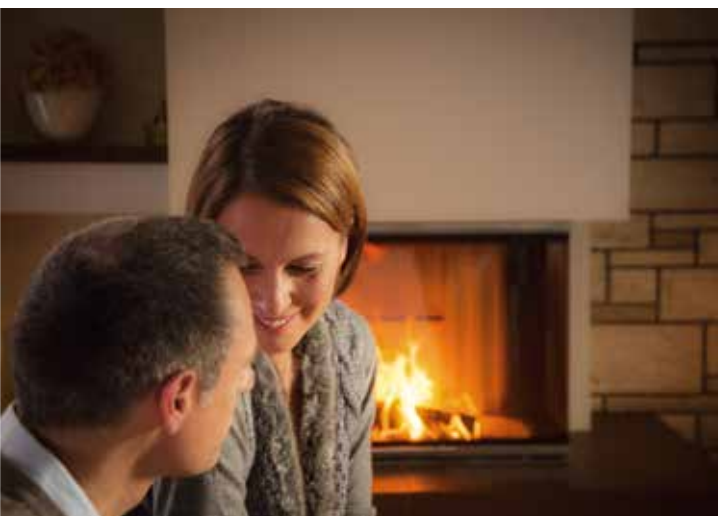
Filling the Thermobox with Magnetherm granulate materials.

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:

- compatibility with various fireplace inserts
- lower energy costs
- flue length defined individually
- cleaning via the firebox
- low resistance during lighting up.
The hot gases are routed entirely through the storage system
- stress-free heat transfer
- quick assembly
- environmentally friendly

Individual design options:

- | | |
|-----------------------------------|--|
| • construction height | from 56,5 cm - to 94 cm |
| • thermal storage masses | from 117 kg - to 203 kg |
| • Flue gas temperature reductions | from \varnothing 200°C - up to 300°C |
| • choice of top or side outlet | |



You will find full details
in our brochure.

Magnetherm thermal storage stones

Convenient use of heat

Magnetherm thermal storage stones are another intelligent way of storing heat. The greater the 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/dm³ – 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.

Applications for Magnetherm N1 and N2 thermal storage stones 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 designed as optional add-ons for room-heating fireplace inserts with a straight body surface (not for use with round body fireplace inserts or H₂O units).

They are designed to be suspended from the side and rear cooling fins 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 stored heat
- Pleasant, even heat
- Less heating up
- No overheating
- Reduced wood consumption
- Quick and easy to install

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.



Clean air technology

Clean air for better quality of life

Wood as a fuel has the priceless advantage of being renewable, locally available and CO₂-neutral. However, there is still the same problem as with most combustion processes:

flue gases and sooty particles are generated. Modern SPARTHERM fireplace inserts comply with the strict requirements of the Federal Air Pollution Control Ordinance (BImSchV) and can be operated without time restrictions. It is not SPARTHERM's philosophy to merely comply with limits.

We want to look ahead and innovate and offer trend-setting combustion technologies. Further improving quality of life is also important to us, which is why we have developed the Airbox, a particle separator which bonds invisible respirable dust and thus helps keep the air we breathe clean – an important concern for us and a step towards a cleaner future for you and your children.



Benefits for you:

- No modification required to the chimney system
- >60% reduction in flue gas dust particles up to a nominal heat output of 15 kW
- Temperature-controlled on-off switch for the filter
- Compatible with more than 30 models

AIRBOX



Combustion controls

Features of S-Thermatik Pro

Automatic control of the air supply by combustion air dispenser integrated in the fireplace.

Different distribution of primary and secondary air inside the unit – instead of simply throttling the flow of combustion air. No simple throttle in the intake socket.

Fireplace specific combustion parameters are pre-programmed. Simply select your fireplace in the menu and rely to receive optimum air control for best wood combustion. This is preset in the factory.

If power should fail the air can be controlled manually by a lever.

Access to all control components through the combustion chamber.

Full colour display with plain text display and touch screen.



You will find full details in our brochure.

SPARTHERM offers practical solutions



S-Thermatik Pro Stainless steel, arched



S-Thermatik Pro White



S-Thermatik Pro Black



S-Thermatik Pro Stainless steel



Your benefits:

- High level of comfort and safety
- Efficient energy use
- Long combustion time
- Lower emissions
- Very easy handling
- Safe to use, even in case of power outage
- High combustion space temperatures



Solution:

- Intelligent, continuous air supply
- Fully automatic control
- No manual intervention

Draught controls

Draught under complete control

Stove draught has been discussed vehemently for a couple of years. The new S-Kamatik is SPARTHERM's answer to this issue.

If you can control the underpressure in the chimney, you control the fire and the economy of heating. And you also benefit the environment. The drive for ever new combustion space geometries makes the fireplace ever more dependent on the ideal stove draught in the range from 12-20 Pascal.

So far, in addition to calculating a sufficient stove draught, the only remedy against poor draught was the installation of a throttle or the expensive and time-consuming service-fitting of an electrical chimney fan.

Now, S-Kamatik controls the stove 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 due to external factors
- Constant conditions in the combustion space
- Eliminates the risk of smoke escaping when wood is piled up
- Easier lighting of the fire

S-USI

SPARTHERM negative pressure switching interface

When ventilation systems and fireplaces are used at the same time it can happen that dangerous flue gases enter the room with the fireplace. Our S-USI monitors your safety continuously in line with our motto:

Simple, intelligent and comfortable heating.



Your benefits:

- Safety due to the parallel operation of ventilation systems and fireplaces
- Confidence in automatic function
- Safety DIBt-tested and approved by the competent building authorities



Solution:

- Automatic monitoring of ambient conditions
- Automatic turning off of ventilation systems if a malfunction occurs

The choice is yours

You can match the glass type and the finish to your living room.



4S = 4-sided version

The 4S version with 4-sided printed glass ceramics and a brushed stainless steel handle.

4S



Elegant: Slim, brushed stainless steel handle.



3S = 3-sided version

The 3S version has 3-sided printed glass ceramics, the lower glass side has no frame.

3S



"Cold hand": for opening and closing the 3S model.



LINEAR 2

New design, with even narrower door profiles and printed glass including concealed door mechanism

4S2



Elevating grate for easy removal of the ash pan.



Finishes and technical details



Standard (Black)



Elegance (gold polished)



Elegance matt (gold matt)



Avantgarde (chrome polished)



Avantgarde matt (chrome matt)



Avantgarde VAG (stainless steel polished)



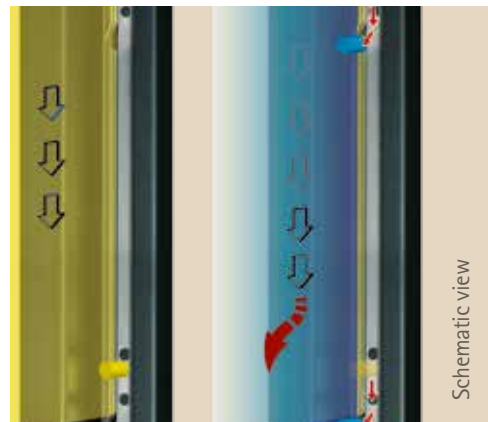
Convenient handle for glass cleaning. For quick opening without tools – in just 5 seconds.



... the glass is easy to clean

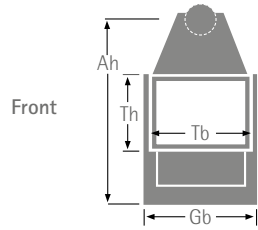


Minimal space between door and sliding mechanism like an expansion gap.



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

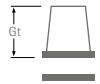
Tecnical data



Installation examples

Fireplace insert

Top view



Panel arrangement

| | | page 11 | page 11 | page 12 | page 10 | page 5 | page 15 | page 16 | page 8 | page 17 | page 9 | page 4 |
|-----------------------|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | Mini Z1-4S | Mini Sh | Speedy 1V | Varia 1Vh | Varia 1V-100h | Varia As-4s-2 | Varia ASH-2 | Varia Ah-3S | Varia Ah-2 | Varia B-120h | Arte 1Vh-4S | |
| Dimensions | Door width [Tb] | 445 | 606 | 670 | 671 | 1006 | 741 | 730 | 881 | 867 | 1206 | 396 |
| | Door height [Th] | 510/570 | 513 | 510/570 | 453/513/573 | 700 | 366 | 370 | - | 430 | 523 | 803 |
| | Door height [Th] | - | 483 | - | 443/503/563 | - | - | 370 | 428 | 430 | 493 | - |
| | Overall width [Gb] | 540 | 736 | 775 | 780 | 1080 | 860 | 884 | 992 | 1027 | 1410 | 515 |
| | Overall depth [Gt] | 591 | 432 | 519 | 568 | 487 | 408 | 422 | 598 | 486 | 499 | 558 |
| | Connection height [Ah] | 1275/1335 | 1176 | 1233/1293 | 1235/1295/1355 | 1464 | 1094 | 1094 | 1371 | 1313 | 1295 | 1446 |
| | Flue outlet ø | 180 | 180 | 200 | 200 | 250 | 180 | 180 | 200 | 200 | 250 | 180 |
| Performance | Nominal output | 7,0 kW | 7,0 kW | 9,0 kW | 11,0 kW | | 7,0 kW | 7,0 kW | 10,4 kW | 9,0 kW | 15,0 kW | 8,0 kW |
| | Thermal output range | 4,9 - 9,1 kW | 4,9 - 9,1 kW | 6,3 - 11,7 kW | 7,7 - 14,3 kW | | 4,9 - 9,1 kW | 4,9 - 9,1 kW | 7,3 - 13,6 kW | 6,3 - 11,7 kW | 10,5 - 19,5 kW | 5,6 - 10,4 kW |
| | Heat contribution to water | - | - | - | - | | - | - | - | - | - | - |
| | Efficiency | > 78 % | > 78 % | 80 % | > 78 % | | > 80 % | > 80 % | > 80 % | > 80 % | > 78 % | > 80 % |
| | Flue gas temperature at connection | 330 °C | 290 °C | 342 °C | 355 °C | | 275 °C | 275 °C | 310 °C | 267 °C | 296 °C | 230 °C |
| | Min. draught at connection | 14 Pa | 14 Pa | 12 Pa | 11 Pa | | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 10 Pa |
| | CO emission | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | | < 1500 mg/Nm ³ | < 1500 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ |
| | Dust emission | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | | < 75 mg/Nm ³ | < 75 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ |
| Compliance, standards | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | |
| Info | Door closure | hinged | elevating | hinged | elevating | | hinged | elevating | elevating | elevating | elevating | elevating |
| | Weight | 160 kg | 205 kg | 200 kg | 245 kg | | 171 kg | 212 kg | 300 kg | 320 kg | 370 kg | 220 kg |
| | Glazing | Single glazing | Single glazing | Single glazing | Single glazing | | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing |

Blind frame with a depth of 5 cm and an upstand of 3.0 cm to match any model, in 3-sided or 4-sided versions, can be ordered optionally.

* Version test for heat recovery section: please ask your stove fitter

** Federal Ordinance for Pollution Control

*1 additionally tested for heat recovery section

*2 additionally tested with low output - values on request



| page 6 | page 6 | page 7 | page 23 | page 22 | page 20 | page 21 | page 25 | page 24 | page 26 | page 27 | Installation examples |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------------|
| | | | | | | | | | | | Front |
| Arte F-1V-4S/3S | Arte F-1Vh-4S | Arte Xh-3S | Varia FD | Varia AS-FDh-3S | Varia A-FDh | Varia B-FDh | Mini 2LRh-4S | Varia 2L-55 | Varia 2R-55h | Varia 2Lh-4S | Fireplace insert |
| | | | | | | | | | | | Top view |
| 466 | 458 | 988 | 670 | 730 | 881 | 1006 | 465/465 | 381/391 | 634/442 | 685/465 | Panel arrangement |
| 724 | 698 | - | 510 | - | 438 | 523 | 500/560 | 510 | 510 | 512/572 | Door width [Tb] |
| - | - | 660 | - | 370 | 428 | 493 | - | - | - | - | Door height [Th] |
| 490 | 554 | 1161 | 768 | 930 | 975 | 1209 | 556 | 635 | 794 | 778 | Door height [Th] |
| 440 | 450 | 708 | 610 | 432 | 572 | 656 | 516 | 460 | 696 | 587 | Overall width [Gb] |
| 1341 | 1341 | 1486 | 1265 | 1069 | 1235 | 1305 | 1248/1308 | 1346 | 1156 | 1323/1387 | Overall depth [Gt] |
| 160 | 160 | 250 | 250 | 180 | 250 | 250 | 180 | 180 | 180 | 200 | Connection height [Ah] |
| 5,9 kW | 5,9 kW | 11,0 kW | 11,0 kW | 7,0 kW | 10,4 kW | 11,0 kW | 7,0 kW | 7,0 kW | 7,0 kW | 11,0 kW | Flue outlet ø |
| 4,5 - 7,7 kW | 4,1 - 7,7 kW | 7,7 - 14,3 kW | 7,7 - 14,3 kW | 4,9 - 9,1 kW | 7,3 - 13,5 kW | 7,7 - 14,3 kW | 4,9 - 9,1 kW | 4,9 - 9,1 kW | 4,9 - 9,1 kW | 7,7 - 14,3 kW | Nominal output |
| - | - | - | - | - | - | - | - | - | - | - | Thermal output range |
| > 80 % | > 80 % | > 78 % | > 78 % | > 80 % | > 80 % | > 78 % | > 78 % | > 80 % | > 80 % | 80 % | Heat contribution to water |
| 318 °C | 318 °C | 300 °C | 355 °C | 290 °C | 300 °C | 300 °C | 330 °C | 325 °C | 325 °C | 330 °C | Efficiency |
| 12 Pa | 12 Pa | 12 Pa | 11 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | Flue gas temperature at connection |
| < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | Min. draught at connection |
| < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | CO emission |
| < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | Dust emission |
| 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | Compliance, standards |
| hinged | elevating | elevating | hinged | elevating | elevating | elevating | elevating | hinged | elevating | elevating | Door closure |
| 100 kg | 100 kg | 430 kg | 340 kg | 203 kg | 325 kg | 350 kg | 160 kg | 240 kg | 240 kg | 270 kg | Weight |
| Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Double glazing + IR | Glazing |

Blind frame with a depth of 5 cm and an upstand of 3.0 cm to match any model, in 3-sided or 4-sided versions, can be ordered optionally.

* Version test for heat recovery section: please ask your stove fitter

** Federal Ordinance for Pollution Control

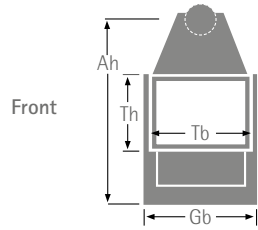
*1 additionally tested for heat recovery section

*2 additionally tested with low output - values on request

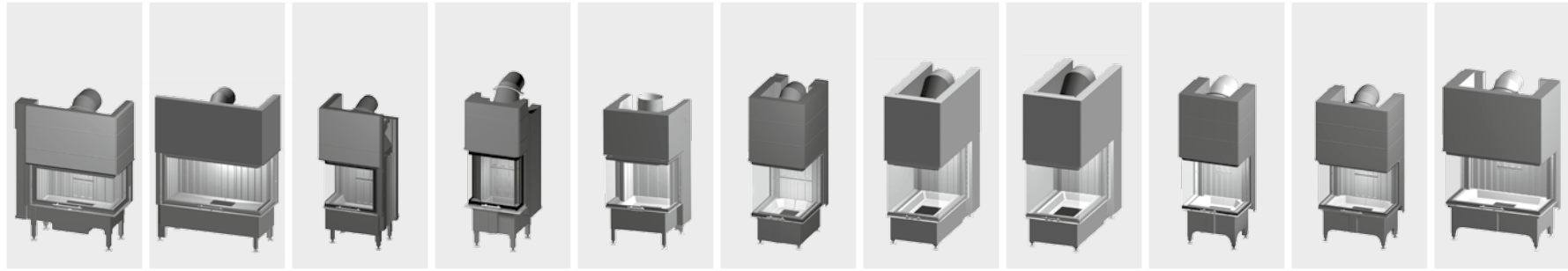
Note: Mini Z1 H₂O, Mini Z1 H₂O XL, Varia 1V H₂O XS and Varia 1V H₂O XL are also available in RLU (for room airsealed operation) - DIBt certified.



Tecnical data



Installation examples



Fireplace insert

| | | | | | | | | | | | |
|--|-----------------|---------------|------------------|----------------|-------------|------------|------------|------------|--------------|--------------|---------------|
| | page 29 | page 29 | page 28 | page 30 | page 31 | page 34 | page 35 | page 35 | page 32 | page 32 | page 33 |
| | Varia AS-2Rh-4S | Varia 2R-100h | Varia 2LR-55h-4S | Varia C-45h-4S | Varia Ch-4S | Arte U-50h | Arte U-70h | Arte U-90h | Arte 3RL-60h | Arte 3RL-80h | Arte 3RL-100h |

Top view



Panel arrangement



| | | | | | | | | | | | | |
|------------|------------------------|---------|----------|---------|-------------|-------------|-------------|-------------|-----------|-------------|-------------|--------------|
| Dimensions | Door width [Tb] | 730/358 | 1002/412 | 589/391 | 191/450/191 | 318/646/312 | 499/501/499 | 712/501/712 | 671 | 370/600/370 | 400/800/400 | 450/1000/450 |
| | Door height [Th] | 370 | 523 | 512 | 526 | 526 | 544 | 544 | 510/570 | 570 | 570 | 570 |
| | Door height [Th] | - | - | - | - | - | - | - | - | - | - | - |
| | Overall width [Gb] | 882 | 1148 | 635 | 558 | 681 | 510 | 538 | 686 | 609 | 809 | 1009 |
| | Overall depth [Gt] | 422 | 486 | 462 | 476 | 611 | 632 | 1000 | 576 | 493 | 523 | 573 |
| | Connection height [Ah] | 1099 | 1361 | 1346 | 1366 | 1476 | 1366/1338 | 1345/1317 | 1253/1313 | 1559/1532 | 1560/1532 | 1560/1532 |
| | Flue outlet ø | 200 | 250 | 180 | 180 | 250 | 250/200 | 250/200 | 200 | 250/200 | 250/200 | 250/200 |

| | | | | | | | | | | | | |
|-----------------------|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Performance | Nominal output | 7,0 kW | 11,0 kW | 7,0 kW | 8,0 kW | 9,0 kW | 9,0 kW | 11,0 kW | 13,0 kW | 7,5 kW | 9,0 kW | 11,0 kW |
| | Thermal output range | 4,9 - 9,1 kW | 7,7 - 14,3 kW | 4,9 - 9,1 kW | 5,6 - 10,4 kW | 6,3 - 11,7 kW | 6,3 - 1,7 kW | 7,7 - 14,3 kW | 9,1 - 16,9 kW | 5,3 - 9,8 kW | 6,3 - 11,7 kW | 7,7 - 14,3 kW |
| | Heat contribution to water | - | - | - | - | - | - | - | - | - | - | - |
| | Efficiency | 80 % | > 78 % | > 80 % | > 80 % | > 78 % | > 78 % | > 78 % | > 78 % | > 80 % | > 80 % | > 78 % |
| | Flue gas temperature at connection | 311 °C | 280 °C | 325 °C | 255 °C | 340 °C | 310 °C | 310 °C | 310 °C | 310 °C | 335 °C | 360 °C |
| | Min. draught at connection | 12 Pa | 10 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa |
| | CO emission | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ |
| | Dust emission | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ |
| Compliance, standards | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | |

| | | | | | | | | | | | | |
|------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Info | Door closure | elevating | elevating | elevating | elevating | elevating | elevating | elevating | elevating | elevating | elevating | elevating |
| | Weight | 181 kg | 280 kg | 240 kg | 230 kg | 250 kg | 240 kg | 375 kg | 464 kg | 250 kg | 280 kg | 300 kg |
| | Glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing |

Blind frame with a depth of 5 cm and an upstand of 3.0 cm to match any model, in 3-sided or 4-sided versions, can be ordered optionally.

* Version test for heat recovery section: please ask your stove fitter

** Federal Ordinance for Pollution Control

*1 additionally tested for heat recovery section

*2 additionally tested with low output - values on request



| page 37 | page 39 | page 36 | page 36 | page 40 | page 41 | page 40 | page 42 | page 43 | page 43 | page 44 | Installation examples |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------------|
| Speedy MR | Speedy MRh | Speedy R | Speedy Rh | Speedy Ph | Magic | Speedy MDRh | Speedy RDRh | Speedy M | Speedy Kh | Varia 1V H ₂ O XL | Fireplace insert |
| | | | | | | | | | | | Top view |
| 550 | 622 | 671 | 678 | 523 | 609 | 668 | 695 | 547 | 683 | 675 | Panel arrangement |
| 510/570 | 510/570 | 510/570 | 510/570 | 570 | 573 | 570 | 570 | 450/510/570 | 510/570 | 512 | Door width [Tb] |
| - | - | - | - | - | - | - | - | - | - | - | Door height [Th] |
| 550 | 622 | 686 | 734 | 523 | 750 | 668 | 695 | 586 | 754 | 800 | Door height [Th] |
| 552 | 601 | 576 | 581 | 538 | 895 | 665 | 676 | 480 | 525 | 564 | Overall width [Gb] |
| 1355 | 1355 | 1253/1313 | 1253/1313 | 1330 | 1389 | 1468 | 1329 | 1133/1193/1253 | 1253/1313 | 1467 | Overall depth [Gt] |
| 180 | 180 | 200 | 200 | 160 | 180 | 200 | 200 | 180 | 200 | 200 | Connection height [Ah] |
| 9,0 kW | 9,0 kW | 9,0 kW | 9,0 kW | 7,0 kW | 12,0 kW | 9,0 kW | 11,0 kW | 8,0 kW | 9,0 kW | 9,0 kW | Flue outlet ø |
| 6,3 - 11,7 kW | 6,3 - 11,7 kW | 6,3 - 11,7 kW | 6,3 - 11,7 kW | 4,9 - 9,1 kW | 8,4 - 15,6 kW | 6,3 - 11,7 kW | 7,7 - 14,3 kW | 5,6 - 10,4 kW | 6,9 - 11,7 kW | 6,3 - 11,7 kW | Nominal output |
| - | - | - | - | - | - | - | - | - | - | 6 | Thermal output range |
| > 80 % | > 80 % | > 78 % | > 78 % | > 80 % | > 80 % | > 78 % | > 78 % | > 80 % | > 78 % | > 80 % | Heat contribution to water |
| 360 °C | 360 °C | 336 °C | 336 °C | 290 °C | 370 °C | 310 °C | 266 °C | 324 °C | 336 °C | 220 °C | Efficiency |
| 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 11 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | Flue gas temperature at connection |
| < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1500 mg/Nm ³ | < 1500 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | Min. draught at connection |
| < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 75 mg/Nm ³ | < 75 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 80 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | CO emission |
| 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | Dust emission |
| 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | Compliance, standards |
| hinged | elevating | hinged | elevating | elevating | hinged | elevating | elevating | hinged | elevating | hinged | Door closure |
| 200 kg | 200 kg | 210 kg | 210 kg | 175 kg | 295 kg | 220 kg | 203 kg | 190 kg | 220 kg | 325 kg | Weight |
| Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Single glazing | Double glazing | Glazing |

Blind frame with a depth of 5 cm and an upstand of 3.0 cm to match any model, in 3-sided or 4-sided versions, can be ordered optionally.

* Version test for heat recovery section: please ask your stove fitter

** Federal Ordinance for Pollution Control

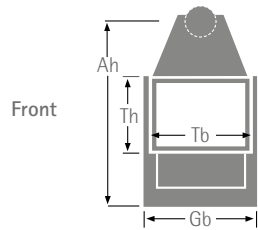
*1 additionally tested for heat recovery section

*2 additionally tested with low output - values on request

Note: Mini Z1 H₂O, Mini Z1 H₂O XL, Varia 1V H₂O XS and Varia 1V H₂O XL are also available in RLU (for room airsealed operation) - DIBt certified.

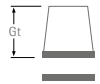


Technical data



Installation examples

Fireplace insert



Top view

Panel arrangement



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| | | page 45 | page 45 | page 47 | page 47 | page 48 | page 49 | page 49 |
|-----------------------|------------------------------------|------------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Installation examples | | page 45 | page 45 | page 47 | page 47 | page 48 | page 49 | page 49 |
| Fireplace insert | | Varia A-FDh H ₂ O | Varia 2Lh H ₂ O | Nova E H ₂ O | Nova F | Renova A H ₂ O | Renova B | Renova C-Air |
| Top view | | | | | | | | |
| Panel arrangement | | | | | | | | |
| Dimensions | Door width [Tb] | 955 | 685 | 445 | 445 | 390 | 380 | 410 |
| | Door height [Th] | 438 | 512 | 450 | 510 | 450 | 510 | 594 |
| | Door height [Th] | - | - | - | - | - | - | - |
| | Overall width [Gb] | 1089 | 783 | 480 | 469 | 425 | 410 | 480 |
| | Overall depth [Gt] | 610 | 632 | 755 | 738 | 675 | 675 | 505 |
| | Connection height [Ah] | 1347 | 1536 | 781/1214 | 874/1024 | 1032 | 844/994 | 985 |
| | Flue outlet ø | 200 | 200 | 180 | 150/180 | 180 | 150/180 | 160 |
| Performance | Nominal output | 10,4 kW | 10,4 kW | 14,0 kW | 10,1 kW | 13,4 kW | 8,8 kW | 8,5 kW |
| | Thermal output range | 7,3 - 13,5 kW | 7,3 - 13,5 kW | 9,8 - 18,2 kW | 7,1 - 13,1 kW | 9,4 - 17,4 kW | 6,2 - 11,4 kW | 6,0 - 11,1 kW |
| | Heat contribution to water | 7,8 | 6 | 9 | - | - | - | - |
| | Efficiency | > 80 % | > 80 % | > 80 % | > 80 % | > 80 % | > 80 % | > 80 % |
| | Flue gas temperature at connection | 210 °C | 285 °C | 340 °C | 255 °C | 362 °C | 357 °C | 495 °C |
| | Min. draught at connection | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa | 12 Pa |
| | CO emission | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ | < 1250 mg/Nm ³ |
| | Dust emission | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ | < 40 mg/Nm ³ |
| Compliance, standards | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | 1st + 2nd level BlmSchV** | |
| Info | Door closure | elevating | elevating | hinged | hinged | hinged | hinged | hinged |
| | Weight | 396 kg | 380 kg | 290 kg | 190 kg | 200 kg | 140 kg | 110 kg |
| | Glazing | Single glazing | Single glazing | Double glazing | Double glazing | Double glazing | Double glazing | Single glazing |

Colours may differ slightly from actual colours, due to the printing process. Colours and technical data subject to change. Errors and omissions excepted.

Blind frame with a depth of 5 cm and an upstand of 3.0 cm to match any model, in 3-sided or 4-sided versions, can be ordered optionally.

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** Federal Ordinance for Pollution Control

*1 additionally tested for heat recovery section

*2 additionally tested with low output - values on request

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