



# **H<sub>2</sub>O**

# **FIREPLACE INSERTS, TILED STOVES AND SIM SYSTEMS**

The fire of your life.

Fireclay eboris 1300 ultra ivory



Fireclay eboris 1300 ultra black



## PRODUCT-SPECIFIC PICTOGRAPHS

-  RLA, room air dependent

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-  Logs

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-  S-Thermatik NEO

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-  S-USI II

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-  S-ESAM

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-  Energy efficiency class

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-  Thermal output range (kW)

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-  Hydronic (kW)

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-  Water-side nominal heat output (kW)

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-  Straight

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-  Double sided

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-  L-shaped

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# INDEX

**NOTE:**

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



# ENERGY-EFFICIENT, SUSTAINABLE HEATING

## Hydronic fireplaces for multiple benefits

Wood-fired fireplaces are growing increasingly popular. The modern fireplace inserts, tiled stoves and SIM systems of Spartherm will give you more than just heat and cosy moments by the fire. In fact, these hydronic models have much, much more to offer. Thanks to innovative fireplace technology, they help optimise the utilisation of the heat generated by the stove: They heat the room where they are installed, but they also provide additional energy to the central heating system and/or hot water supply.

Hydronic units are distinguished by their particularly high energy efficiency. Optimised fuel use does not just save energy, it also helps reduce the cost of heating and hot water. Thanks to these benefits, a hydronic wood-fired stove makes significant contributions to your independence and the security of your energy supply.

SUPPLY  
RELIABILITY AS A BENEFIT

## HOW DOES A HYDRONIC FIREPLACE WORK



Spartherm's hydronic fireplace inserts, tiled stoves and SIM systems utilise the heat of the stove in two different ways. The otherwise wasted heat in the flue gas is used to heat up heating water. The energy obtained through this method can be used to heat up the room or for central water heating.

The hydronic fireplace insert, stove or SIM system is integrated in the heating system of the building. A fire in a fireplace generates heat that, depending on the system layout, primarily reaches the living space as radiation or convection heat. Hydronic fireplaces, however, are equipped with a "heat exchanger". It ensures that energy is removed from the unit and can then be used and stored efficiently in other ways.

How does it do that? The heating water is "cold" when it flows through the pipes of the building and into the heat exchanger. It is then heated by the energy of the fire. The heated water flows on into a water tank, the buffer storage. Energy is stored there and can be used in different rooms and at different times, thanks to the heating system, for instance to support the central heating system, or to heat up drinking water.

## SPECIAL FEATURES AT A GLANCE

### HIGH WATER-SIDE POWER LEVELS

Additional energy transfer via heat exchangers in the double-walled body elements.

### A CLEAN SOLUTION

Flue gas heat exchanger with integrated automatic bypass flap for great heating convenience

### QUICK ENERGY TRANSFER

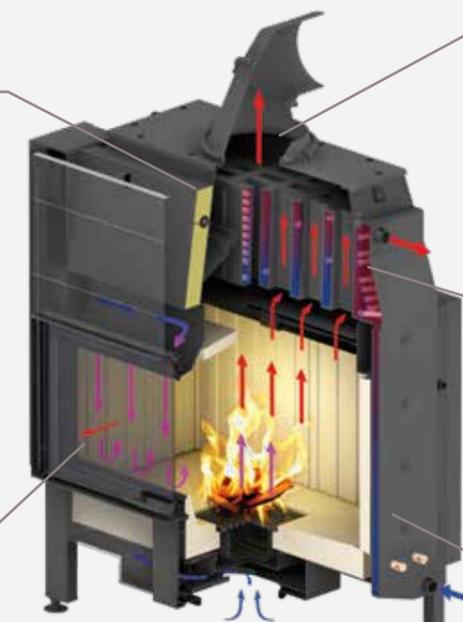
Low water volume = quick heating time and quick usage

### CLEAR VIEW OF THE FIRE

Large glass surface areas, but high water-side power

### HIDDEN TECHNOLOGY

Barely distinguishable from a non-hydronic unit when installed



**BENEFITS OF  
H<sub>2</sub>O FIREPLACE  
SYSTEMS**



**CONTRIBUTE TO  
INDEPENDENCE AND  
SUPPLY RELIABILITY**



**UTILISE THE HEAT  
OF THE FIRE IN  
TWO WAYS**



**PROVIDE  
ENERGY-EFFICIENT,  
SUSTAINABLE HEAT**



**SAVE COSTS AND  
PROTECT THE  
ENVIRONMENT**

## LIVING STYLES – THE RIGHT STOVE FOR YOU

Whether classic, modern or nostalgic: A stove looks great with any interior design. It doesn't just make you more independent and help keep your energy supply reliable, but also adds warmth and a beautiful ambiance to your living space.

Forgo what's unnecessary and invest in true value instead: If you choose long-lived quality and design for your living space, you will be able to enjoy your belongings for much longer and won't have to throw away nearly as much. The minimalist interior design philosophy deliberately does more with less and creates sustainability. The classic-modern living style is defined by stylish design classics and vintage furniture; neutral colours complete this elegant look. These living styles are no flash in the pan! They represent lived sustainability in your own home. A stove in the clean, straight-lined design of LIVING FIRE by SPARTHERM matches these timeless living concepts perfectly.



Right now, country style is experiencing a renaissance. A life in the countryside in harmony with nature is the new ideal of living. The magic word is "countryfication". Furniture in modern country style is characterised by its natural materials and supreme craftsmanship. Round, harmonious shapes and clear colours create homelike touches. Now all that's missing is a stove at the centre to make this cosy style complete!

# SUSTAINABLE FIREPLACE DESIGN

Energy-efficient and  
aesthetically pleasing

If you want sophisticated, customised design on top of modern, sustainable fireplace technology, hydronic fireplace inserts by Spartherm are exactly what you're looking for. Our hydronic fireplace inserts use the heat of the fire particularly efficiently and in a CO<sub>2</sub>-neutral manner. At the same time, a H<sub>2</sub>O fireplace insert gives building owners exceptional freedom in design. Its appearance – be it nostalgic, classic or modern – can be customised and, for instance, installed by a stove fitter. From panoramic glass through corner solutions to clever double-sided models: H<sub>2</sub>O fireplace inserts can make even your most complex design dreams come true. There are no limits to creativity with this fireplace design!



# VARIA H<sub>2</sub>O

Fire and water

Straight-lined design and optimal use of the fire's warmth: Spartherm fireplace inserts Varia H<sub>2</sub>O combine energy-efficient fireplace technology with an elegant appearance. The Varia H<sub>2</sub>O models do away with unnecessary details and instead focus fully on the straight front window in widescreen format. The modern panoramic format offers a truly great view of the fire. But Varia H<sub>2</sub>O also hides technical sophistication:

A "heat exchanger" is arranged above the combustion chamber where it is completely invisible from the outside. It removes energy that would otherwise be lost from the flue gas and uses and stores it efficiently. This allows the fireplace system to produce sustainable, CO<sub>2</sub>-neutral hot water that can be used in all areas of your entire home. On top of that, the smart digital assistance function S-Thermatik NEO guarantees an efficient fire. Thanks to this innovative fireplace technology, Varia H<sub>2</sub>O, fireplace inserts, which are fuelled with well-seasoned firewood, always achieve energy efficiency class A+ in inspections – bright prospects for the future!



Varia Ah H<sub>2</sub>O

## SMART FIREPLACE ASSISTANCE FUNCTIONS

-  S-Thermatik NEO (combustion control)
-  S-USI II (underpressure control)
-  S-ESAM (automatic sliding door)

## VARIANTS

Varia 1V H<sub>2</sub>O  
Varia 1Vh H<sub>2</sub>O

 5.6 – 10.4 kW  A+  
 5.0 kW

Varia 1V H<sub>2</sub>O XL  
Varia 1Vh H<sub>2</sub>O XL

 6.3 – 11.7 kW  A+  
 6.0 kW

Varia 1V H<sub>2</sub>O XXL  
Varia 1Vh H<sub>2</sub>O XXL

 10.5 – 19.5 kW  A+  
 11.0 kW

Varia Ah H<sub>2</sub>O

 7.3 – 13.5 kW  A+  
 7.2 kW





# VARIA H<sub>2</sub>O

## Perspectives of flame

A fireplace gives warmth and a feeling of security. These are the sensations that have made a spot by the fire so coveted for all of human history. The clever L-shape of the Varia H<sub>2</sub>O fireplace insert with its compact corner glass provides a full view of the flames from two sides. This keeps the flickering flames visible at all times. The sophisticated corner solution opens up whole new dimensions of unique interior design.

In addition to the artful design, the hydronic Varia H<sub>2</sub>O corner stove has yet another advantage. It can pass on its power to other rooms in the home through the heating system. The digital combustion control S-Thermatik NEO provides assistance for handling the fire just right. The hydronic corner stove variant is designed above all for sustainable consumption of resources. That's because it generates hot water in a CO<sub>2</sub>-neutral way – with the flames of innovation.



## VARIANTS

Varia 2L-55h H<sub>2</sub>O  
Varia 2R-55h H<sub>2</sub>O

4.9 – 9.1 kW A+

4.2 kW

Varia 2Lh H<sub>2</sub>O  
Varia 2Rh H<sub>2</sub>O

7.3 – 13.5 kW A+

5.9 kW



## SMART FIREPLACE ASSISTANCE FUNCTIONS

S-Thermatik NEO  
(combustion control)

S-USI II  
(underpressure control)

S-ESAM\*  
(automatic sliding door)

Varia 2R-55h H<sub>2</sub>O



# VARIA H<sub>2</sub>O

Greater insights

This design is pure fascination. The double-sided Varia H<sub>2</sub>O keeps the flames in view at all times. With its clean lines, the fireplace insert connects two rooms with a unique fire, creating a new architectural experience.

## SMART FIREPLACE ASSISTANCE FUNCTIONS



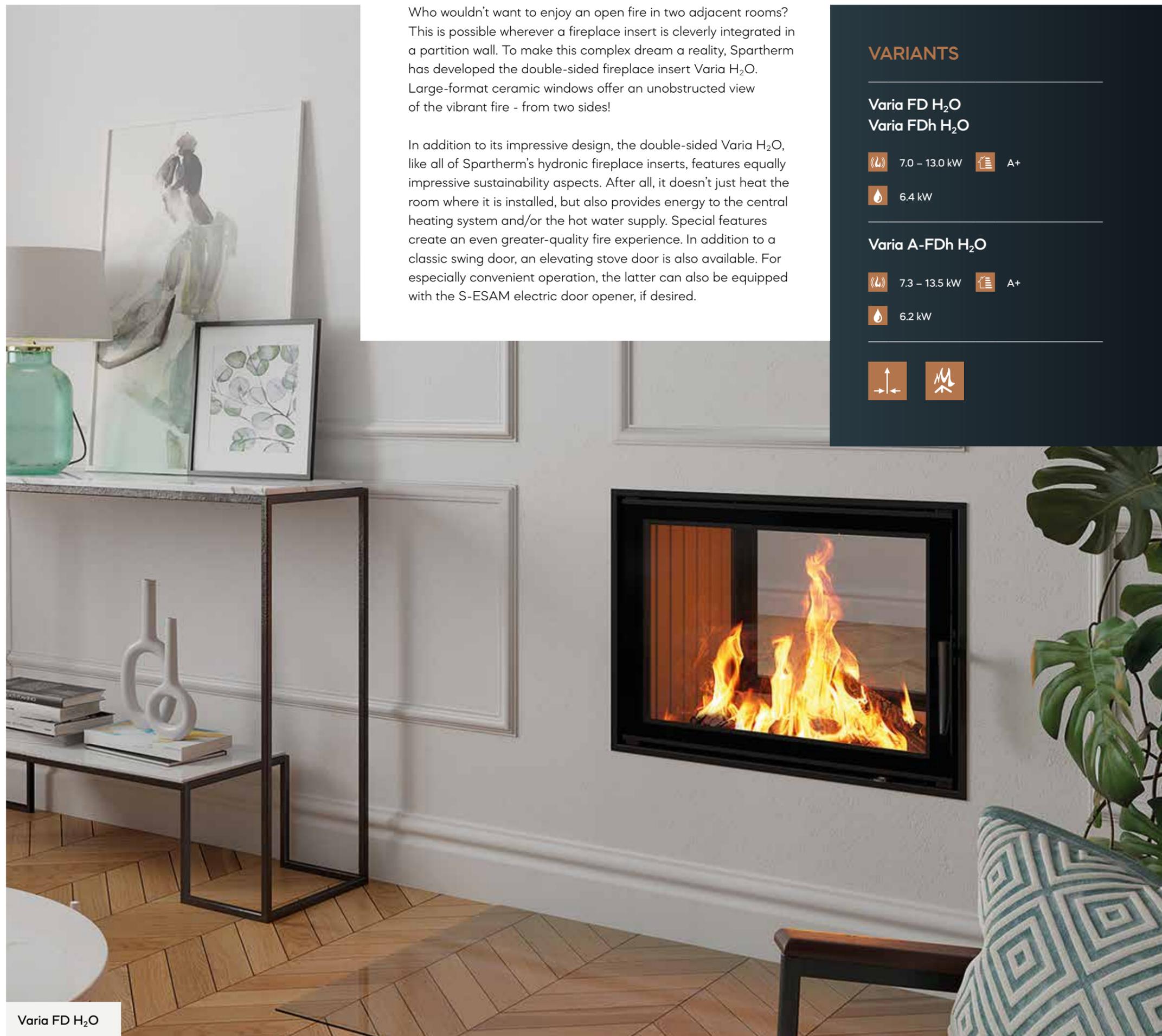
S-Thermatik NEO  
(combustion control)



S-USI II  
(underpressure control)



S-ESAM  
(automatic sliding door)



Varia FD H<sub>2</sub>O

Who wouldn't want to enjoy an open fire in two adjacent rooms? This is possible wherever a fireplace insert is cleverly integrated in a partition wall. To make this complex dream a reality, Spartherm has developed the double-sided fireplace insert Varia H<sub>2</sub>O. Large-format ceramic windows offer an unobstructed view of the vibrant fire - from two sides!

In addition to its impressive design, the double-sided Varia H<sub>2</sub>O, like all of Spartherm's hydronic fireplace inserts, features equally impressive sustainability aspects. After all, it doesn't just heat the room where it is installed, but also provides energy to the central heating system and/or the hot water supply. Special features create an even greater-quality fire experience. In addition to a classic swing door, an elevating stove door is also available. For especially convenient operation, the latter can also be equipped with the S-ESAM electric door opener, if desired.

## VARIANTS

Varia FD H<sub>2</sub>O  
Varia FDh H<sub>2</sub>O

7.0 – 13.0 kW A+

6.4 kW

Varia A-FDh H<sub>2</sub>O

7.3 – 13.5 kW A+

6.2 kW



# ELEGANT FIREPLACE DESIGN IN CONCRETE

## Build your dream fireplace from prefabricated elements

The Spartherm SIM collection is specially designed to make it as easy and uncomplicated as possible to get your hands on that dream fireplace: Spartherm Installation Modules (or SIM for short) are compact fireplace systems in a clean, modern design. Their surfaces are made of concrete – a material that is sure to last and creates the perfect stage for an open fire that will harmonise with any style of interior design. All SIM models are based on pre-assembled elements that are easy, quick and simple to install. Even for hydronic models installation usually takes no longer than a day. In addition to the time-saving prefabricated design, the hydronic SIM models feature modern fireplace technology that leaves absolutely nothing to be desired where sustainability and energy efficiency is concerned.

INSTALLATION  
MODULES



# SIM H<sub>2</sub>O

Experience fire  
from two perspectives

Visually attractive and sustainable at the same time: The clean, modern design of the hydronic SIM H<sub>2</sub>O is a true eye-catcher. The corner solution features two generously-dimensioned, L-shaped windows that offer an impressive view of the fire. What's more, the fireplace doesn't just heat up the room where it is installed, but can also be used to heat water, for instance for the central heating system. On the H<sub>2</sub>O unit, the concrete elements do not store heat. That's because barely any heat escapes that could be stored in the first place. The energy enters the room through radiant heat or is guided into the water.

Two modern surfaces are available for the cover panels of hydronic SIM models: Concrete nature or smoothed fine-grained concrete. The combustion chamber lining is available in classic ivory or, to make the flickering flames stand out even more against a dark background, in jet black.

## SMART FIREPLACE ASSISTANCE FUNCTIONS



S-Thermatik NEO  
(combustion control)



S-USI II  
(underpressure control)



S-ESAM  
(automatic sliding door)

## VARIANTS

SIM Varia 2L-55h H<sub>2</sub>O  
SIM Varia 2R-55h H<sub>2</sub>O

4.9 – 9.1 kW A+

4.2 kW

SIM Varia 2Lh H<sub>2</sub>O  
SIM Varia 2Rh H<sub>2</sub>O

7.3 – 13.5 kW A+

5.9 kW



SIM Varia 2L-55h H<sub>2</sub>O 2/3



SIM Varia 2Rh H<sub>2</sub>O 3/3

A modern kitchen with a tiled stove, wooden beams, and large windows. The room features a white tiled stove with a black fireplace insert, a wooden countertop, and a kitchen island. The background shows a dining table with potted plants and a large window with a view of the outdoors.

# COSY CONVENIENCE WITH A MODERN TOUCH

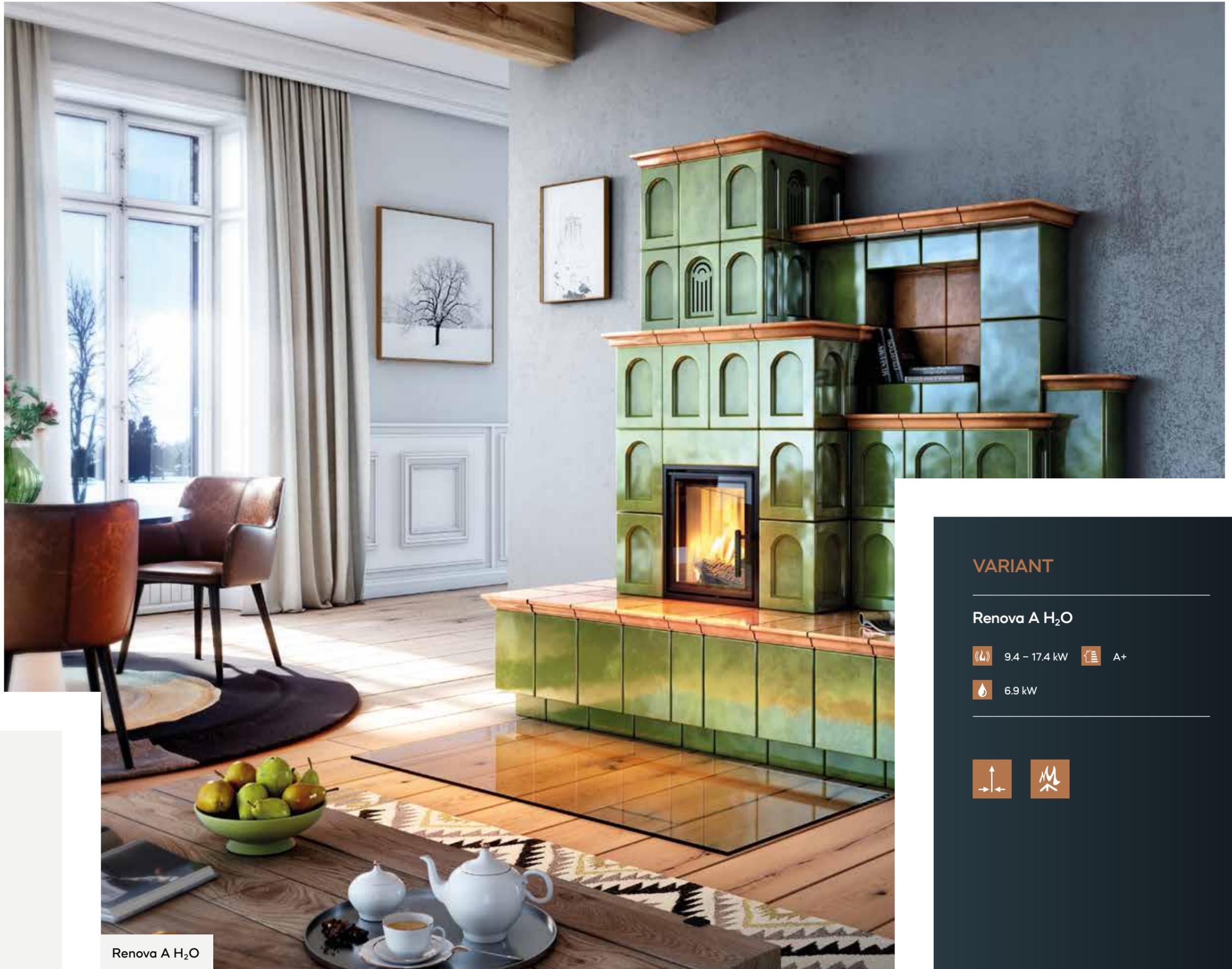
## Energy-efficient heating inserts for tiled stoves

With a wide range of hydronic fireplace systems, Spartherm offers an energy-saving solution for any home. Hydronic heating inserts are even available for tiled stoves. They combine the convenience and cosy warmth of a traditional tiled stove with highly efficient, sustainable energy use. By integrating the tiled stove in the home's hot water system, the heat from the fireplace is put to optimal use: On the one hand, the tiled stove heats the room where it is installed by burning logs, on the other hand excess energy is stored and can be used for hot water or to heat different rooms at a different time.

# RENOVA A H<sub>2</sub>O

## Hydronic tiled stove insert

The heating insert Renova A H<sub>2</sub>O combines the convenience of a traditional tiled stove with highly efficient, sustainable energy use. By integrating the tiled stove in the building's hot water system, the heat generated by the fire is put to optimal use: On the one hand the tiled stove heats the room where it is installed by burning the wood. On the other hand an integrated heat exchanger ensures that excess heat is stored and can be used for heating water or for heating other rooms at a later point. With an efficiency rate of over 85 percent, the Renova A H<sub>2</sub>O offers a particularly energy-efficient and therefore modern way of heating.



## SMART FIREPLACE ASSISTANCE FUNCTIONS



S-Thermatik NEO  
(combustion control)



S-USI II  
(underpressure control)

Renova A H<sub>2</sub>O

## VARIANT

### Renova A H<sub>2</sub>O

9.4 – 17.4 kW A+

6.9 kW



# NOVA E H<sub>2</sub>O

Hydronic tiled stove insert

## SMART FIREPLACE ASSISTANCE FUNCTIONS



S-Thermatik NEO  
(combustion control)



S-USI II  
(underpressure control)

Hydronic fireplace inserts by Spartherm are a particularly energy-efficient and therefore modern way of heating. Many don't know this but this energy-saving H<sub>2</sub>O technology can even be easily integrated in traditional tiled stoves. To achieve this, a heating insert equipped with a heat exchanger is integrated in the unit. On the outside, the tiled stove looks as appealing as ever; on the inside it hides state-of-the-art technology for energy-efficient heating.

## VARIANT

Nova E H<sub>2</sub>O

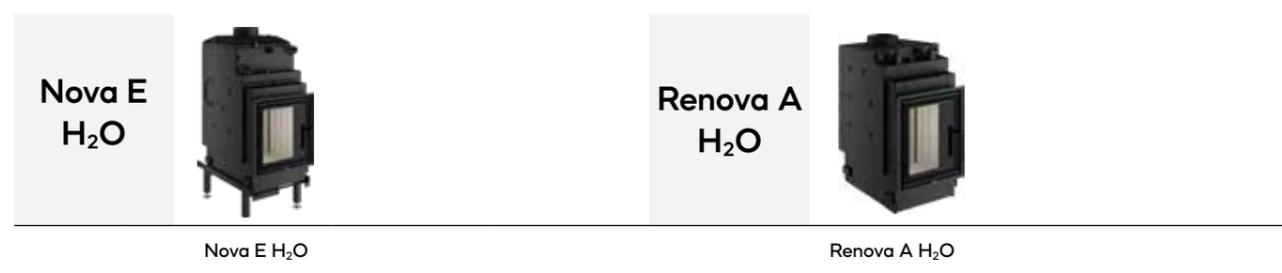
9.8 – 18.2 kW A+

9.0 kW



Nova E H<sub>2</sub>O

In the Spartherm model Nova E H<sub>2</sub>O the heat exchanger is located in an invisible spot above the combustion chamber. The unit has a square glass for a great view of the fire. The clean shapes of the heating insert and the rectangular glass harmonise perfectly, both with nostalgic and modern tiled stoves. With state-of-the-art fireplace technology, this hydronic heating insert is an efficient way to save energy and heat sustainably.



Fireplace inserts H <sub>2</sub> O			Varia 1V H <sub>2</sub> O	Varia 1V H <sub>2</sub> O XL	Varia 1V H <sub>2</sub> O XXL	Varia 1Vh H <sub>2</sub> O	Varia 1Vh H <sub>2</sub> O XL	Varia 1Vh H <sub>2</sub> O XXL	Varia Ah H <sub>2</sub> O
Dimensions	Door height	mm	507	507	507	513	513	513	440
	Door width	mm	668	668	668	671	671	671	881
	Door depth	mm	-	-	-	-	-	-	-
	Flue gas connection Ø	mm	180	200   180	200   180	180	200   180	200   180	200   180
Performance Standard	Energy efficiency class		A+	A+	A+	A+	A+	A+	A+
	Nominal output	kW	8.0   5.0	9.0   6.0	15.0   11.0	8.0   5.0	9.0   6.0	15.0   11.0	10.4   7.2
	Thermal output range	kW	5.6 - 10.4	6.3 - 11.7	10.5 - 19.5	5.6 - 10.4	6.3 - 11.7	10.5 - 19.5	7.3 - 13.5
	Efficiency	%	> 80	> 85	> 85	> 80	> 85	> 85	> 85
Inspections	2nd level BImSchV 2010 (German immission protection directive)		✓	✓	✓	✓	✓	✓	✓
	15a B-VG		✓	✓	✓	✓	✓	✓	✓
	European Ecodesign Directive 2022		✓	✓	✓	✓	✓	✓	✓
Info	Weight (approx.)	kg	336	341	351	374	379	389	471
	Door function		hinged door	hinged door	hinged door	elevating door	elevating door	elevating door	elevating door
	Glazing		single	double	double	single	double	double	double

Fireplace inserts H <sub>2</sub> O			Varia FD H <sub>2</sub> O	Varia FDh H <sub>2</sub> O	Varia A-FDh H <sub>2</sub> O	Varia 2L-55h / 2R-55h H <sub>2</sub> O	Varia 2Lh / 2Rh H <sub>2</sub> O
Dimensions	Door height	mm	507   507	514   507	440   430	515	512
	Door width	mm	668   668	671   668	881   877	584	685
	Door depth	mm	-	-	-	392	455
	Flue gas connection Ø	mm	200	200	200	180	200   180
Performance Standard	Energy efficiency class		A+	A+	A+	A+	A+
	Nominal output	kW	10.0   6.4	10.0   6.4	10.4   6.2	7.0   4.2	10.4   5.9
	Thermal output range	kW	7.0 - 13.0	7.0 - 13.0	7.3 - 13.5	4.9 - 9.1	7.3 - 13.5
	Efficiency	%	> 80	> 80	> 80	> 85	> 80
Inspections	2nd level BImSchV 2010 (German immission protection directive)		✓	✓	✓	✓	✓
	15a B-VG		✓	✓	✓	-	-
	European Ecodesign Directive 2022		✓	✓	✓	✓	✓
Info	Weight (approx.)	kg	352	413	424	384	367
	Door function		hinged door	elevating door	elevating door	elevating door	elevating door
	Glazing		double	double	double	single	single

💧 = water side

Tiled stoves H <sub>2</sub> O			Nova E H <sub>2</sub> O	Renova A H <sub>2</sub> O
Dimensions	Door height	mm	446	447
	Door width	mm	439	384
	Flue gas connection Ø	mm	180	180
Performance	Standard	Energy efficiency class	A+	A+
		Nominal output	kW 14.0    9.0	13.4    6.9
		Thermal output range	kW 9.8 – 18.2	9.4 – 17.4
		Efficiency	% > 85	> 85
Inspections	2nd level BImSchV 2010 (German immission protection directive)		✓	✓
	15a B-VG		✓	✓
	European Ecodesign Directive 2022		✓	✓
	Multi-connection		✓	✓
Information	Weight (approx.)	kg	297	190
	Door function		hinged door	hinged door
	Glazing		double	double

= water side

SIM H <sub>2</sub> O		SIM Varia 2L-55h H <sub>2</sub> O 1/3	SIM Varia 2L-55h H <sub>2</sub> O 2/3	SIM Varia 2L-55h H <sub>2</sub> O 3/3	SIM Varia 2R-55h H <sub>2</sub> O 1/3	SIM Varia 2R-55h H <sub>2</sub> O 2/3	SIM Varia 2R-55h H <sub>2</sub> O 3/3	
Dimensions	Total height	mm	1711	1917	2182	1711	1917	2182
	Total width	mm	834	834	834	834	834	834
	Total depth	mm	638	638	638	638	638	638
	Door height	mm	515	515	515	515	515	515
	Door width	mm	584	584	584	584	584	584
	Door depth	mm	392	392	392	392	392	392
	Flue gas connection Ø	mm	180	180	180	180	180	180
Performance data	Energy efficiency class		A+	A+	A+	A+	A+	A+
	Nominal output	kW	7.0    4.2	7.0    4.2	7.0    4.2	7.0    4.2	7.0    4.2	7.0    4.2
	Thermal output range	kW	4.9 – 9.1	4.9 – 9.1	4.9 – 9.1	4.9 – 9.1	4.9 – 9.1	4.9 – 9.1
	Efficiency	%	> 85	> 85	> 85	> 85	> 85	> 85
Weight	Total weight	kg	590	630	670	590	630	670
	Weight of fireplace insert	kg	384	384	384	384	384	384
	Dry weight C-element*	kg	23	23	23	23	23	23
	Dry weight ring element small	kg	38	38	38	38	38	38
	Dry weight ring element high	kg	48	48	48	48	48	48
Inspections	2nd level BImSchV 2010 (German immission protection directive)		✓	✓	✓	✓	✓	✓
	Art. 15 a B-VG (Austria)		-	-	-	-	-	-
	Aachen/Munich/Regensburg directive		✓	✓	✓	✓	✓	✓
	European Ecodesign Directive 2022		✓	✓	✓	✓	✓	✓
Door function			elevating door	elevating door				

SIM H <sub>2</sub> O		SIM Varia 2Lh H <sub>2</sub> O 1/3	SIM Varia 2Lh H <sub>2</sub> O 2/3	SIM Varia 2Lh H <sub>2</sub> O 3/3	SIM Varia 2Rh H <sub>2</sub> O 1/3	SIM Varia 2Rh H <sub>2</sub> O 2/3	SIM Varia 2Rh H <sub>2</sub> O 3/3	
Dimensions	Total height	mm	1712	1917	2182	1712	1917	2182
	Total width	mm	1000	1000	1000	1000	1000	1000
	Total depth	mm	780	780	780	780	780	780
	Door height	mm	512	512	512	512	512	512
	Door width	mm	685	685	685	685	685	685
	Door depth	mm	466	466	466	466	466	466
	Flue gas connection Ø	mm	200	200	200	200	200	200
Performance data	Energy efficiency class		A+	A+	A+	A+	A+	A+
	Nominal output	kW	10.4    5.9	10.4    5.9	10.4    5.9	10.4    5.9	10.4    5.9	10.4    5.9
	Thermal output range	kW	7.3 – 13.5	7.3 – 13.5	7.3 – 13.5	7.3 – 13.5	7.3 – 13.5	7.3 – 13.5
	Efficiency	%	> 80	> 80	> 80	> 80	> 80	> 80
Weight	Total weight	kg	658	698	738	658	698	738
	Weight of fireplace insert	kg	367	367	367	367	367	367
	Dry weight C-element*	kg	30	30	30	30	30	30
	Dry weight ring element small	kg	48	48	48	48	48	48
	Dry weight ring element high	kg	59	59	59	59	59	59
Inspections	2nd level BImSchV 2010 (German immission protection directive)		✓	✓	✓	✓	✓	✓
	Art. 15 a B-VG (Austria)		-	-	-	-	-	-
	Aachen/Munich/Regensburg directive		✓	✓	✓	✓	✓	✓
	European Ecodesign Directive 2022		✓	✓	✓	✓	✓	✓
Door function			elevating door	elevating door				

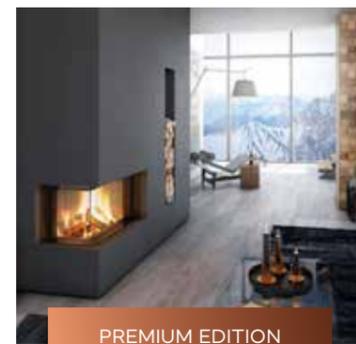
= water side

\* C elements are the concrete elements required for surrounding the fireplace insert. For information on the total height and weight of the design in question, please refer to the overview.



**SPARTHERM®**  
THE FIRE COMPANY

# SPARTHERM® PRODUCT RANGE



PREMIUM EDITION



HIGHLIGHTS



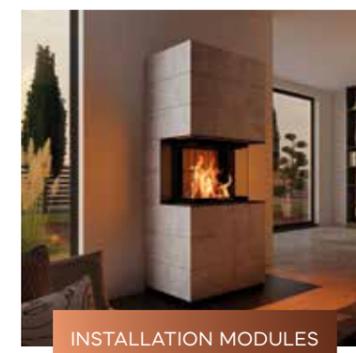
COMPACT UNITS



FIREPLACE INSERTS



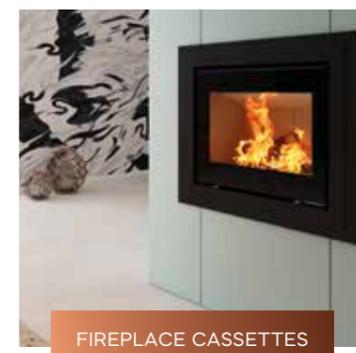
STOVES



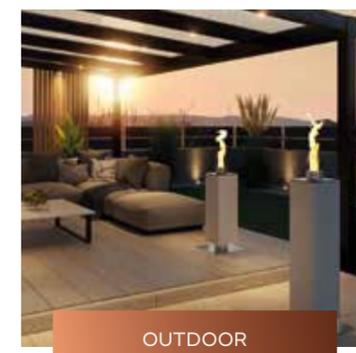
INSTALLATION MODULES



TILED STOVES



FIREPLACE CASSETTES



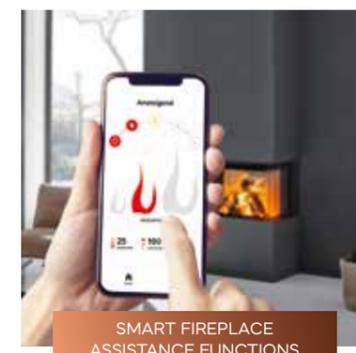
OUTDOOR



COMPLETE FIREPLACES



SMALL STORAGE STOVES



SMART FIREPLACE ASSISTANCE FUNCTIONS

DESIGN YOUR  
**PERSONAL**  
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