



SIM – Spartherm Installation Modules



The fireplace systems with a stylish finish are durable and modern.

Concrete is a great choice of material when you seek to combine safety, elegance and design freedom.

Like a protective skin, the concrete cladding does not only protect the Spartherm Fireplace Insert but it also stores the heat and releases it slowly into the room. The external appearance of the concrete cladding personifies the straight lines of modern architecture, and create an elegant and stylish feature that combines functionality to provide a comfortable warm fire.

The heat storage capability of the thermal concrete allows a slow pleasant release of radiant heat into the room.

The production of precision fit module parts are directly matched to the Spartherm fireplace inserts thus making it simple to create a perfect construction that is functional.



Your creativity wrapped in warmth.

To suit all tastes and requirements the concrete cladding modules can be painted and plastered with the appropriate materials. If required the SIM fireplace system can be raised by using additional module elements and can be used to create an elegant hearth for the three sided fireplace inserts. The flue pipe connection can be top-mounted or back-mounted and even side-mounted when using a corner fireplace insert.

With the Spartherm-Installation-Modules, you combine the direct radiant heat from the fireplace insert with the thermal heat storage capability of a tiled stove. The large glass fireplace doors allow for a great view of the fire. You have the advantage of the quickly generated radiant heat from the fire and the heat generated by the heat storage material as well.

Application example for the creative design of the Spartherm installation module.

To sum up the advantages of the SIM system are, fast effective heat and heat storage capability. The cladding elements prevent the overheating of rooms with low calorific demands.



Contents

Pages 04 - 07	Straight	☐
Pages 08 - 13	L-shape	☐
Pages 14 - 17	U-shape	☐
Pages 18 - 19	Range of variations	
Pages 20 - 21	Technical data	☉



SIM 2/2/Varia AS-4S-2

€ 20

SIM 2/2/Varia ASH-4S-2

€ 20

Thermal concrete with a modern surface






SIM 2/3/Varia M-80h-4S GET

20 €





SIM 2/2/Mini 2LRh-4S

20 





SIM 3/3/Varia 2L-55h-4S

€ 20

Less space required due to
a compact design

SIM 1/3/Varia 2R-55h-4S

20 €





Quality and strength – with precision fit module parts.



SIM 2/2/Varia AS-2Rh-4S

20 €







SIM 1/3/Arte U-70h-4S

21 €



SIM 1/3/T/Arte 3RL-60h-4S

€ 21


A lot of heat storage capability – quick and easy to install.



SIM 3/3/Arte 3RL-80h-4S

€ 21

SIM 2/3/T/Arte 3RL-100h-4S

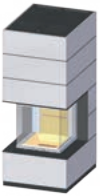






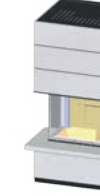
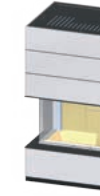
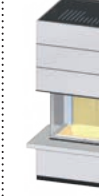





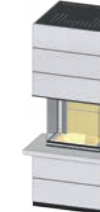

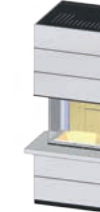

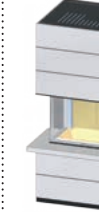


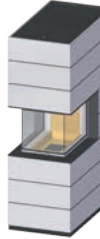

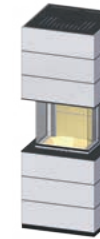
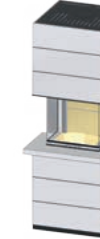
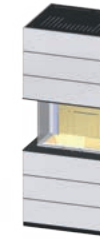
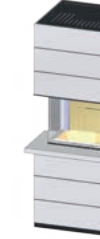


21 



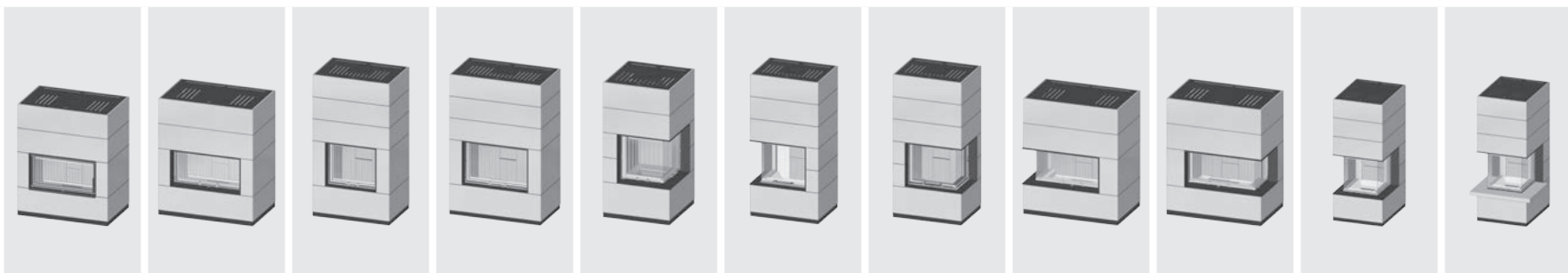
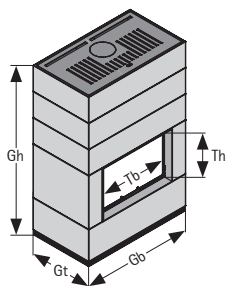
Versatile variation options - your individuality, your style

Spartherm Installation Modules	SIM Varia AS-4S-2	SIM Varia AS-4S-2 RLU	SIM Varia ASH-4S-2	SIM Varia M-60h-4S GET	SIM Varia M-80h-4S GET	SIM Varia AS-2Lh-4S	SIM Varia AS-2Rh-4S	SIM Varia 2L-55h-4S	SIM Varia 2R-55h-4S	SIM Mini 2LRh-4S
1 module	SIM 1/2/Varia AS-4S-2 Height [Gh] = 1243 mm Weight = 460 kg 	SIM 1/2/Varia AS-4S-2 RLU Height [Gh] = 1243 mm Weight = 460 kg 	SIM 1/2/Varia ASH-4S-2 Height [Gh] = 1243 mm Weight = 490 kg 	SIM 1/3/Varia M-60h-4S GET Height [Gh] = 1713 mm Weight = 520 kg 	SIM 1/3/Varia M-80h-4S GET Height [Gh] = 1723 mm Weight = 610 kg 	SIM 1/2/Varia AS-2Lh-4S Height [Gh] = 1243 mm Weight = 490 kg 	SIM 1/2/Varia AS-2Rh-4S Height [Gh] = 1243 mm Weight = 490 kg 	SIM 1/3/Varia 2L-55h-4S Height [Gh] = 1712 mm Weight = 520 kg 	SIM 1/3/Varia 2R-55h-4S Height [Gh] = 1712 mm Weight = 520 kg 	SIM 1/2/Mini 2LRh-4S Height [Gh] = 1437 mm Weight = 420 kg 
2 modules	SIM 2/2/Varia AS-4S-2 Height [Gh] = 1508 mm Weight = 510 kg 	SIM 2/2/Varia AS-4S-2 RLU Height [Gh] = 1508 mm Weight = 510 kg 	SIM 2/2/Varia ASH-4S-2 Height [Gh] = 1508 mm Weight = 540 kg 	SIM 2/3/Varia M-60h-4S GET Height [Gh] = 1918 mm Weight = 570 kg 	SIM 2/3/Varia M-80h-4S GET Height [Gh] = 1928 mm Weight = 670 kg 	SIM 2/2/Varia AS-2Lh-4S Height [Gh] = 1508 mm Weight = 540 kg 	SIM 2/2/Varia AS-2Rh-4S Height [Gh] = 1508 mm Weight = 540 kg 	SIM 2/3/Varia 2L-55h-4S Height [Gh] = 1917 mm Weight = 560 kg 	SIM 2/3/Varia 2R-55h-4S Height [Gh] = 1917 mm Weight = 560 kg 	SIM 2/2/Mini 2LRh-4S Height [Gh] = 1642 mm Weight = 470 kg 
3 modules	SIM 3/2/Varia AS-4S-2 Height [Gh] = 1773 mm Weight = 560 kg 	SIM 3/2/Varia AS-4S-2 RLU Height [Gh] = 1773 mm Weight = 560 kg 	SIM 3/2/Varia ASH-4S-2 Height [Gh] = 1773 mm Weight = 590 kg 	SIM 3/3/Varia M-60h-4S GET Height [Gh] = 2183 mm Weight = 620 kg 	SIM 3/3/Varia M-80h-4S GET Height [Gh] = 2193 mm Weight = 730 kg 	SIM 3/2/Varia AS-2Lh-4S Height [Gh] = 1773 mm Weight = 590 kg 	SIM 3/2/Varia AS-2Rh-4S Height [Gh] = 1773 mm Weight = 590 kg 	SIM 3/3/Varia 2L-55h-4S Height [Gh] = 2182 mm Weight = 600 kg 	SIM 3/3/Varia 2R-55h-4S Height [Gh] = 2182 mm Weight = 600 kg 	SIM 3/2/Mini 2LRh-4S Height [Gh] = 1907 mm Weight = 520 kg 
Optional expansion modules for flush ceiling design	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

The colour and surface texture may vary depending on the cement casting process. This makes every Spartherm installation module unique.

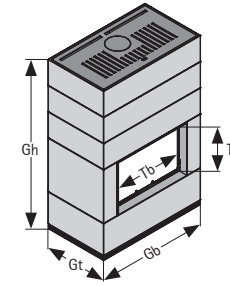
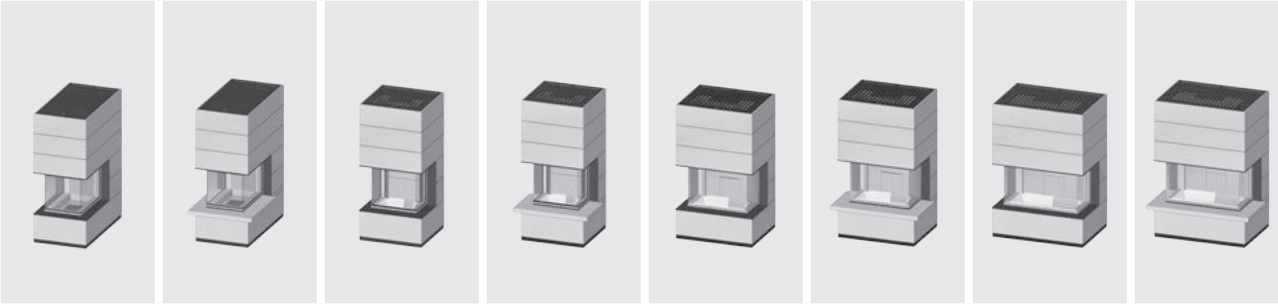
SIM Arte U-50h-4S		SIM Arte U-70h-4S		SIM Arte 3RL-60h-4S		SIM Arte 3RL-80h-4S		SIM Arte 3RL-100h-4S	
	Optional hearth		Optional hearth		Optional hearth		Optional hearth		Optional hearth
SIM 1/3/Arte U-50h-4S Height [Gh] = 1742 mm Weight = 730 kg	SIM 1/3/T/Arte U-50h-4S Height [Gh] = 1794 mm Weight = 760 kg	SIM 1/3/Arte U-70h-4S Height [Gh] = 1742 mm Weight = 830 kg	SIM 1/3/T/Arte U-70h-4S Height [Gh] = 1794 mm Weight = 865 kg	SIM 1/3/Arte 3RL-60h-4S Height [Gh] = 1768 mm Weight = 690 kg	SIM 1/3/T/Arte 3RL-60h-4S Height [Gh] = 1820 mm Weight = 720 kg	SIM 1/3/Arte 3RL-80h-4S Height [Gh] = 1768 mm Weight = 780 kg	SIM 1/3/T/Arte 3RL-80h-4S Height [Gh] = 1820 mm Weight = 810 kg	SIM 1/3/Arte 3RL-100h-4S Height [Gh] = 1768 mm Weight = 860 kg	SIM 1/3/T/Arte 3RL-100h-4S Height [Gh] = 1820 mm Weight = 900 kg
									
SIM 2/3/Arte U-50h-4S Height [Gh] = 1947 mm Weight = 780 kg	SIM 2/3/T/Arte U-50h-4S Height [Gh] = 1999 mm Weight = 810 kg	SIM 2/3/Arte U-70h-4S Height [Gh] = 1947 mm Weight = 885 kg	SIM 2/3/T/Arte U-70h-4S Height [Gh] = 1999 mm Weight = 920 kg	SIM 2/3/Arte 3RL-60h-4S Height [Gh] = 1973 mm Weight = 730 kg	SIM 2/3/T/Arte 3RL-60h-4S Height [Gh] = 2026 mm Weight = 760 kg	SIM 2/3/Arte 3RL-80h-4S Height [Gh] = 1973 mm Weight = 830 kg	SIM 2/3/T/Arte 3RL-80h-4S Height [Gh] = 2026 mm Weight = 860 kg	SIM 2/3/Arte 3RL-100h-4S Height [Gh] = 1973 mm Weight = 920 kg	SIM 2/3/T/Arte 3RL-100h-4S Height [Gh] = 2026 mm Weight = 960 kg
									
SIM 3/3/Arte U-50h-4S Height [Gh] = 2212 mm Weight = 830 kg	SIM 3/3/T/Arte U-50h-4S Height [Gh] = 2264 mm Weight = 860 kg	SIM 3/3/Arte U-70h-4S Height [Gh] = 2212 mm Weight = 940 kg	SIM 3/3/T/Arte U-70h-4S Height [Gh] = 2264 mm Weight = 980 kg	SIM 3/3/Arte 3RL-60h-4S Height [Gh] = 2238 mm Weight = 770 kg	SIM 3/3/T/Arte 3RL-60h-4S Height [Gh] = 2290 mm Weight = 800 kg	SIM 3/3/Arte 3RL-80h-4S Height [Gh] = 2238 mm Weight = 880 kg	SIM 3/3/T/Arte 3RL-80h-4S Height [Gh] = 2290 mm Weight = 910 kg	SIM 3/3/Arte 3RL-100h-4S Height [Gh] = 2238 mm Weight = 980 kg	SIM 3/3/T/Arte 3RL-100h-4S Height [Gh] = 2290 mm Weight = 1020 kg
									
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Technical data



Spartherm Installation Modules		SIM Varia AS-4S-2 SIM Varia AS-4S-2 RLU	SIM Varia ASH-4S-2	SIM Varia M-60h-4S GET	SIM Varia M-80h-4S GET	SIM Mini 2LRh-4S	SIM Varia 2L-55h-4S	SIM Varia 2R-55h-4S	SIM Varia AS-2Lh-4S	SIM Varia AS-2Rh-4S	Optional hearth SIM Arte U-50h-4S	
Window shape												
Dimensions	Door width [Tb]	751 mm	730 mm	606 mm	802 mm	465/465 mm	583/391 mm	583/391 mm	730/358 mm	730/358 mm	499/501/499 mm	
	Door height [Th]	377 mm	370 mm	514 mm	520 mm	500 mm	510 mm	510 mm	370 mm	370 mm	544 mm	
	Total width [Gb]	1022 mm	1022 mm	938 mm	1135 mm	719 mm	834 mm	834 mm	1022 mm	1022 mm	720 mm	880 mm
	Total depth [Gt]	650 mm	650 mm	650 mm	650 mm	719 mm	638 mm	639 mm	650 mm	650 mm	900 mm	980 mm
	Flue pipe ø	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	180 mm	200 mm	200 mm	200 mm
Performance	Nominal heat output	7.0 kW	7.0 kW	8.0 kW	9.0 kW	7.0 kW	7.0 kW	7.0 kW	7.0 kW	7.0 kW	9.0 kW	
	Thermal output range	4.9 - 9.1 kW	4.9 - 9.1 kW	5.6 - 10.4 kW	6.3 - 11.7 kW	4.9 - 9.1 kW	4.9 - 9.1 kW	4.9 - 9.1 kW	4.9 - 9.1 kW	4.9 - 9.1 kW	6.3 - 11.7 kW	
	Efficiency	> 80 %	> 80 %	80 %	> 80 %	80 %	> 80 %	> 80 %	> 80 %	> 80 %	80 %	
	Mass flow of flue gas	7.0 g/s	7.0 g/s	7.3 g/s	7.0 g/s	6.2 g/s	6.1 g/s	6.1 g/s	6.6 g/s	6.6 g/s	8.6 g/s	
	Flue gas temperature at device connection	275 °C	275 °C	311 °C	279 °C	343 °C	325 °C	325 °C	311 °C	311 °C	310 °C	
	min. delivery pressure at device connection	12 Pa	12 Pa	12 Pa	12 Pa	12 Pa	12 Pa	12 Pa	12 Pa	12 Pa	12 Pa	
Info	Level 1 Level 2 BlmSchV	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	
	15a BVG (Austria)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Info	Door closure	hinged	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	elevating	
	Weight of the fireplace insert	171 kg	212 kg	205 kg	250 kg	160 kg	240 kg	240 kg	212 kg	212 kg	351 kg	

The illustrations show the models with a substructure module.
Details of total heights and the weight of each version can be found in the summary on pages 18/19.



Nett weight of dry installation module element.

Optional hearth
SIM Arte U-70h-4S SIM Arte 3RL-60h-4S SIM Arte 3RL-80h-4S SIM Arte 3RL-100h-4S Spartherm Installation Modules

712/501/712 mm		370/600/370 mm		400/800/400 mm		450/1000/450 mm		Window shape
544 mm		570 mm		570 mm		570 mm		Door width [Tb]
720 mm		820 mm		1020 mm		1220 mm		Door height [Th]
1300 mm		795 mm		835 mm		875 mm		Total width [Gb]
200 mm		200 mm		200 mm		200 mm		Total depth [Gt]
200 mm		200 mm		200 mm		200 mm		Flue pipe ø

11.0 kW		7.5 kW		9.0 kW		11.0 kW		Nominal heat output
7.7 - 14.3 kW		5.3 - 9.8 kW		6.3 - 11.7 kW		7.7 - 14.3 kW		Thermal output range
> 78 %		> 80 %		> 80 %		> 78 %		Efficiency
11.3 g/s		7.0 g/s		7.3 g/s		10.3 g/s		Mass flow of flue gas
310 °C		310 °C		335 °C		360 °C		Flue gas temperature at device connection
12 Pa		12 Pa		12 Pa		12 Pa		min. delivery pressure at device connection
✓ ✓		✓ ✓		✓ ✓		✓ ✓		Level 1 Level 2 BImSchV
✓		✓		✓		✓		15a BVG (Austria)

elevating		elevating		elevating		elevating		Door closure
375 kg		321 kg		351 kg		371 kg		Weight of the fireplace insert

unit	C-element (kg)	Ring element (kg)
Varia AS-4S-2 / RLU	26	41
Varia AS-4S-2	26	41
Varia AS-2Lh-4S	42	41
Varia AS-2Rh-4S	42	41

unit	C-element (kg)	Ring element (kg)		Fire table (kg)
		small	High/height	
Varia M-60h-4S GET	33	42	50	-
Varia M-80h-4S GET	36	46	57	-
Mini 2LRh-4S	20	32	42	-
Varia 2L-55h-4S	23	38	48	-
Varia 2R-55h-4S	23	38	48	-
Arte U-50h-4S	18	42	52	30
Arte U-70h-4S	23	54	65	36
Arte 3RL-60h-4S	20	42	50	27
Arte 3RL-80h-4S	23	48	58	32
Arte 3RL-100h-4S	26	55	67	35

Discover the ...



- ... versatile and wide range of models
- ... the next generation – LINEAR 2
- ... tiled and thermal storage stoves
- ... custom-made products
- ... water storage and heat storage technology
- ... accessories - for efficient heating



Fireplace inserts – and a great deal more

SPARTHHERM – THE FIRE COMPANY



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

