



ambiente
wood burning stoves

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Are you looking for a stove with an individual character?

Then the ambiente range by Spartherm is just what you need.

The ambiente line combines simple, timeless design with innovative tech-

nology. That's the case whether you want a water-heating stove, a classic stove or something more flamboyant.

You can choose non-room air sealed or room air sealed operation, you can have it with or without a turntable to align the fire with your living area – these are only some of things you can achieve with the ambiente range. And with the optional heat storage elements you can have even more cosy radiant heat in your living-room.



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The successful ambiente range has been extended with the models a7 and a8. Both are a fine example of Spartherm' exquisite design and great heating technology. That's ambiente!

Experience the seduction of the ambiente range for yourself.



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page 06 - 07 a1 - The classic stove

page 08 - 09 a2 - The interesting stove

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Symbols

RLA (Non-room air sealed operation)

This stoves are always provided with connection for the external combustion air intake, which can be used if required. They are not certified for room air sealed operation (Sealed air intake, exhaust pipe, door).

RLU (Room air sealed operation)

Stoves are certified by the DIBt for room air sealed operation. Sealed air intake, exhaust pipe and special door closure.

Rotatable

Rotatable using the special from 90 up to 180 degrees. The position can be fixed to add fuel or for cleaning.

Heat storage mass on top

Stoves that have storage mass in the housing to absorb heat during the combustion and to emit it to the room with a time delay after combustion end.

Heat storage mass on side

Steel covering with gap for heat storage mass or natural stone covering as a heat storage mass.

H₂O

Stoves with an integrated water heat exchanger, which extracts heat from the hot flue gases and makes it available to the buffer of the central heating as additional energy.



Rotatable

4



a4 Top outlet 135 kg



a4 Rear outlet 110 kg



a3 Top outlet 45 kg









a3 Rear outlet 45 kg



a1

THE CLASSIC STOVE

State-of-the-art technology in classic design. It fits seamlessly into any room with its timeless design. In front of a straight wall or discreetly in the corner. a1 always finds the right place. The pleasant clear shape tops off the enjoyment of the fire.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Form and function. Every detail is thought through and looks good.

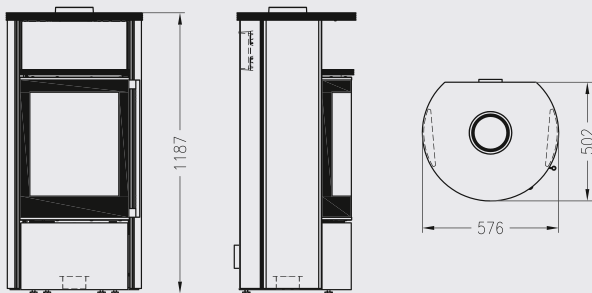


All lines and materials unite to create a perfect form.



6

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight depending on material: 180-220 kg



	Nero Steel	Graphite Steel	Pearl Steel (semi-matt)	Steel Terra	Caramello Sandstone	Soapstone
Surface						
Body						

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a2

THE INTERESTING STOVE

Its remarkable shape makes it interesting. Classically round at the front, square and distinctive on the sides. Its sophisticated layout uses little space. a2 is the ideal solution for difficult space situations. There is room for a nice fire everywhere.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Simple elegance made of steel and natural stone.

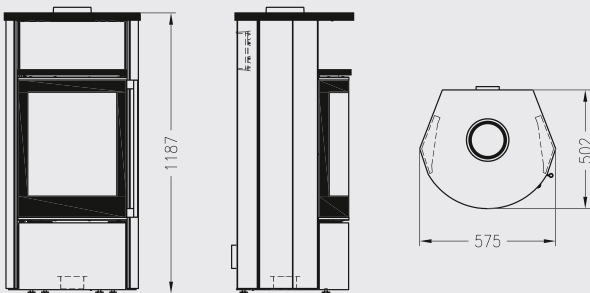














Straight lines. A straightforward design.



8

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight depending on material: 180-220 kg



	Nero Steel	Graphite Steel	Pearl Steel (semi-matt)	Steel Terra	Caramello Sandstone	Soapstone
Surface						
Body						

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a3

THE ELEGANT STOVE

Form and function complement each other perfectly. Its clear lines make it an impressive object made of steel and fire. As a room divider, in front of a wall or in the middle of a room. a3 is always an eye-catcher.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Perfect harmony in form and function.

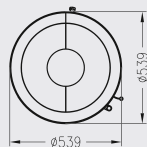
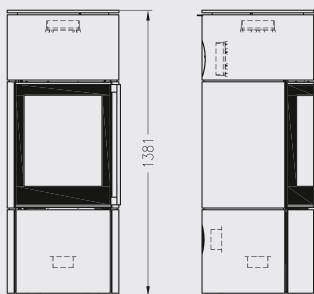


Beautifully shaped and consistent. Everything is round.



10

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight: 180 kg



Surface	Body
Nero Steel	Nero Steel
Graphite Steel	Graphite Steel
Pearl Steel (semi-matt)	Pearl Steel (semi-matt)
Steel Terra	Steel Terra

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a4

THE FLAMBOYANT STOVE

Design and technology in perfect harmony. a4 convinces with its noble appearance and its details. Imposingly it stands in the room. A real masterpiece.

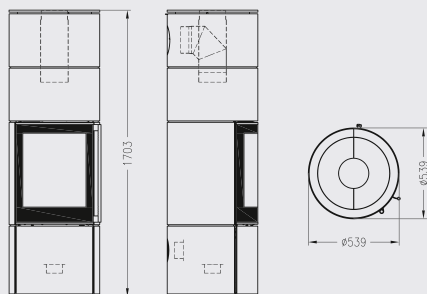


The integrated door handle is both comfortable and beautiful - RLU version.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

12



Surface	Nero Steel	Graphite Steel	Pearl Steel (semi-matt)	Steel Terra
Body				

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight: 200 kg



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a4 H₂O

THE POWERFUL STOVE

Its capability is visible.
65 % water heating makes it a storage giant. Why not make use of its convincing performance to save energy. Technology that inspires.

-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

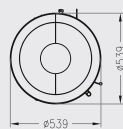


The integrated door handle is both comfortable and beautiful - RLU version.



Cleaning mechanism for water heat exchanger.

14



Nominal output: 8.0 kW
Water heating contribution: 5.2 kW
Water heat contribution related to nominal output: 65 %
Heating capacity: 70 m³
Weight: 230 kg




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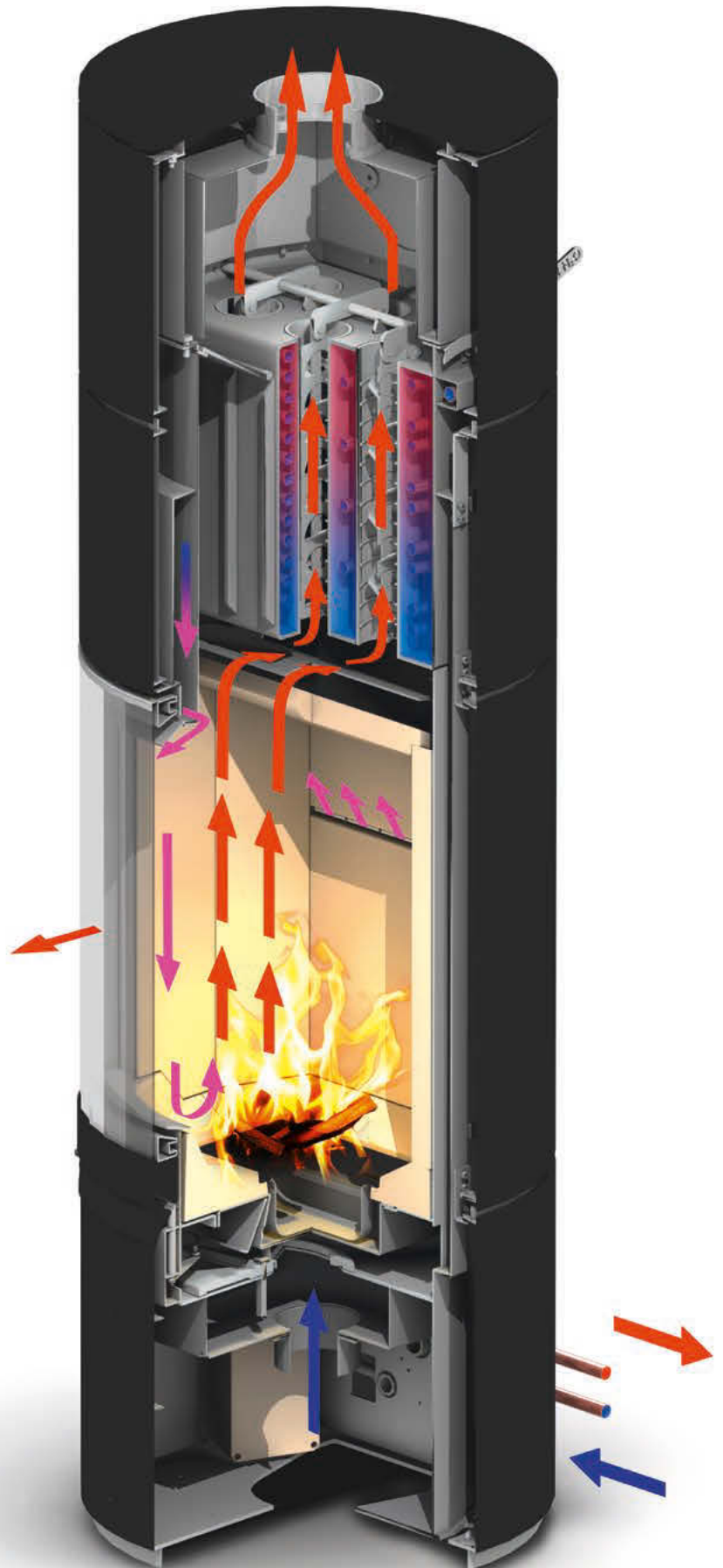
a4 H₂O

H₂O 

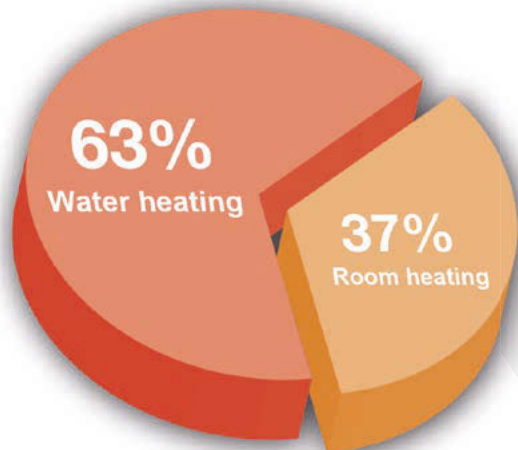
JUST IMAGINE HOT WATER COMING FROM YOUR STOVE.

Not directly, of course, just metaphorically speaking. The wonderfully visible stove fire heats the "cold" water from the accumulator tank via the water heat exchanger, which is integrated in the stove. Once heated, the hot water is returned to the accumulator tank. The heat can then be used throughout the home, via radiators and underfloor heating or for baths and showers.

In addition to heating water, the stove emits warm radiant heat to the room where it is installed.



16





using only 2,0 kg of firewood, you can:

- store  +15,4°C
- shower  39°C
- 8,0 min
- bath  39°C
- 40 litres

A LITTLE FIREWOOD – ENORMOUS BENEFITS.

With just 2.0 kg/h firewood you can keep the inside temperature of 73 m² living space of an KfW 70 house at 20 °C, thanks to the radiant heat of the stove.

In addition, use the water heat exchanger to either:

- raise a 300 l accumulator tank from 40 °C to 55.4 °C water temperature or
- shower for 8.0 mins with a water temperature of 39 °C or
- run one 140 l bath with a water temperature of 39 °C.

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a7

THE IMPOSING WOOD BURNING STOVE

With straight lines, impressive appearance the a7 stove is designed perfectly to enhance the appearance of a modern home. The cladding options include Sandstone and Soapstone, each piece is individually patterned and ensure that the appearance of the a7 will be unique for every home.

The excellent heat output and class leading efficiency demonstrate that the a7 is yet another fine example of Spartherm's heating technology.

-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

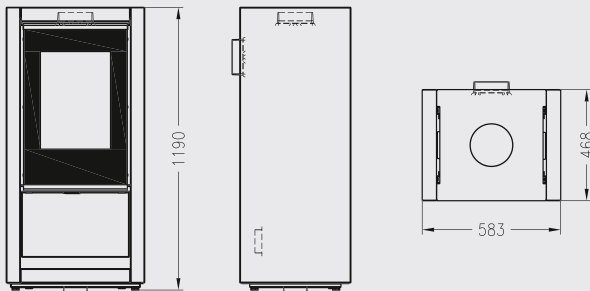


Adjusting lever for Air supply



20

Nominal output: 5,9 kW
 Heating capacity: 140 m³
 Weight according to material: 200–300 kg



	Nero Steel	Graphite Steel	Steel Terra	Pearl Steel	Steel White	Sandstone Classic	Soapstone
Surface							
Body							

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a8

THE ELEGANT WOOD STOVE

Like the close relative, the a7, the a8 model design has clean, pure lines with an impressive design to further enhance the appearance of a modern home. This double sided stove gives powerful radiant heat and will transform every room into a special place. The a8 is an expression of exquisite design, sophisticated style and will reward every Owner with a great performance.

-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

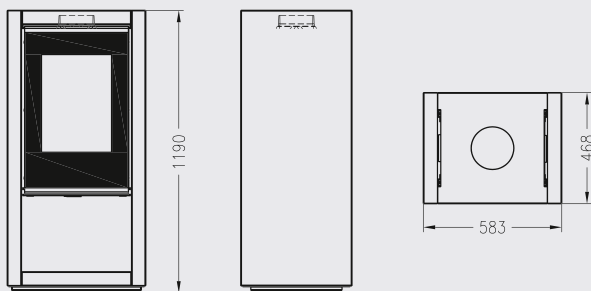


Exceptionally large double sided glass.



22

Nominal output: 5,9 kW
 Heating capacity: 140 m³
 Weight according to material: 200–300 kg



	Nero Steel	Graphite Steel	Steel Terra	Pearl Steel	Steel White	Sandstone Classic	Soapstone
Surface							
Body							

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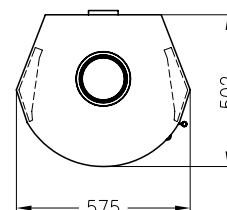
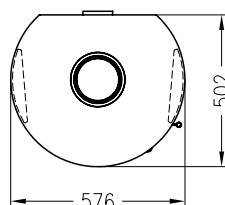
wood burning stoves



Views



Layouts

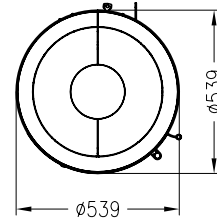
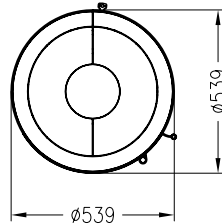
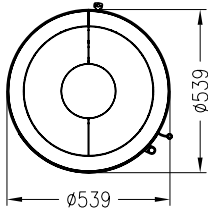


Catalogue page	6	8
CHARACTERISTICS		
Nominal output	6.3 kW	6.3 kW
Water output range in kW	-	-
Heat output range min/max	4.4 – 8.2 kW	4.4 – 8.2 kW
Wood loading quantity per hour	1.4 – 2.4 kg	1.4 – 2.4 kg
Room heating capacity (approx.)	160 m ³	160 m ³
Efficiency	> 80%	> 80%
DIMENSIONS (referring to the models with steel covering)		
Stove height / width / depth	1185 / 580 / 500 mm	1185 / 575 / 500 mm
Flue pipe ø	150 mm	150 mm
Connection height – top outlet	1153 mm	1163 mm
Connection height – rear outlet	1025 mm	1025 mm
Distance front to center of Flue pipe – top outlet	290 mm	290 mm
Distance floor to center of external air connector (Ø = 100 mm) – rear connection	155 mm	155 mm
Distance front to center of external air connector – underneath connection (Ø = 100 mm)	270 mm	270 mm
WEIGHT (fully assembled depending on the execution)		
Steel covering	180 kg	180 kg
Natural stone covering	220 kg	220 kg
Heat storage elements (optional) (with Top outlet/Rear outlet)	-	-
MODEL VARIANTS (side covering and top plate)		
Steel	Nero / Graphite Terra / Pearl	Nero / Graphite Terra / Pearl
Natural stone	Sandstone / Soap stone	Sandstone / Soap stone
Door – Printed glass ceramic	Black	Black
FEATURES/ACCESSORIES		
RLA	yes	yes
RLU	optional	optional
Rotatable (180°) with rotating flue pipe	optional	optional
External air connector piece	RLA optional / RLU standard	RLA optional / RLU standard
Heat storage	-	-
Lateral heat storage	35 kg / Side panel	35 kg / Side panel
H ₂ O	-	-
CALCULATION DATA		
Exhaust mass flow with relation to nominal heat output	5.1 m (g/s)	5.1 m (g/s)
Exhaust temperature measured in the exhaust flue pipe	350 °C	350 °C
Minimum chimney draught for nominal output	0.12 mbar	0.12 mbar
Average CO content of the exhaust gas in relation to 13% of O ₂	< 1250 mg / Nm ³	< 1250 mg / Nm ³
Dust emission	< 40 mg / Nm ³	< 40 mg / Nm ³
DIN EN 13240 (European norm)	RRF - 40 10 2207	RRF - 40 10 2207
DIBt (German Institute for Structural Engineering) Room air sealed operation	Z-43.12-244	Z-43.12-244
VKFTA No. (Swiss fire protection certificate)	✓	✓
Art.15a B-VG test report (Austria)	✓	✓
DINplus certification	✓	✓
Requirements of the 1st and 2nd level of BImSchV	✓	✓

a3

a4

a4 H₂O



10	12	14
6.3 kW	6.3 kW	8,0 kW
-	-	5.4 kW
4.4 – 8.2 kW	4.4 – 8.2 kW	5.5 – 11.0 kW
1.4 – 2.4 kg	1.4 – 2.4 kg	1.2 – 3.0 kg
160 m ³	160 m ³	ca. 70 m ³
> 80%	> 80%	> 88%
1375 / 540 / 540 mm	1695 / 540 / 540 mm	1695 / 540 / 540 mm
150 mm	150 mm	150 mm
1284 mm	1284 mm	1654 mm
1145 mm	1525 mm	1560 mm
270 mm	270 mm	270 mm
275 mm	275 mm	280 mm
270 mm	270 mm	270 mm
180 kg	200 kg	230 kg
-	-	-
45 kg	135 / 110 kg	-
Nero / Graphite Terra / Pearl	Nero / Graphite Terra / Pearl	Nero / Graphite Terra / Pearl
-	-	-
Black	Black	Black
yes	yes	yes
optional	optional	optional
optional	optional	-
RLA optional / RLU standard optional / 45 kg	RLA optional / RLU standard optional / 110 / 135 kg	RLA optional / RLU standard
-	-	-
-	-	yes
5.1 m (g/s)	5.1 m (g/s)	7.6 m (g/s)
350 °C	350 °C	150 °C
0.12 mbar	0.12 mbar	0.12 mbar
< 1250 mg / Nm ³	< 1250 mg / Nm ³	< 1250 mg / Nm ³
< 40 mg / Nm ³	< 40 mg / Nm ³	< 40 mg / Nm ³
RRF - 40 10 2207	RRF - 40 10 2207	RRF - 40 10 2550
Z-43.12-244	Z-43.12-244	Z-43.12-244
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

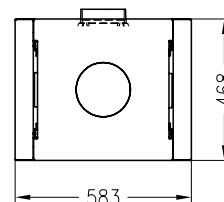
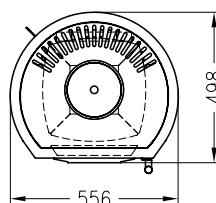
Notes:
Subject to deviations in colours of natural stone in this brochure (printing related).

Subject to colour and technical changes as well as errors.

Views



Layouts

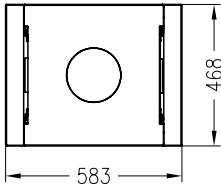


Catalogue page	18	20
CHARACTERISTICS		
Nominal output	7.0 kW	5.9 kW
Water output range in kW	-	-
Heat output range min/max	4.9 - 9.1 kW	4.5 - 7.7 kW
Wood loading quantity per hour	1.8 - 2.8 kg	1.5 - 2.2 kg
Room heating capacity (approx.)	ca. 186 m ³	ca. 140 m ³
Efficiency	> 78 %	> 80 %
DIMENSIONS (referring to the models with steel covering)		
Stove height / width / depth	1390 / 556 / 498 mm	1190 / 583 / 468 mm
Flue pipe ø	150 mm	150 mm
Connection height - top outlet	1272 mm	1165 mm
Connection height - rear outlet	1150 mm	980 mm
Distance front to center of Flue pipe - top outlet	222 mm	234 mm
Distance floor to center of external air connector (Ø = 100 mm) - rear connection	153 mm	205 mm
Distance front to center of external air connector - underneath connection (Ø = 100 mm)	226 mm	234 mm
WEIGHT (fully assembled depending on the execution)		
Steel covering	170 kg	~ 200 kg
Natural stone covering	170 - 205 kg	~ 250 - 300 kg
Heat storage elements (optional) (with Top outlet/Rear outlet)	110 / 95 kg	-
MODEL VARIANTS (side covering and top plate)		
Steel	Nero / Graphite Terra / Pearl	Nero / Graphite / Terra Pearl / White
Natural stone	Sandstone Caramello / Soapstone	Sandstone Classic / Soapstone
Door - Printed glass ceramic	Black	Black
FEATURES/ACCESSORIES		
RLA	yes	yes
RLU	-	-
Rotatable (180°) with rotating flue pipe	-	-
External air connector piece	RLA	RLA
Heat storage	optional / 110 / 95 kg	~ 20 / 30 / 35 kg
Lateral heat storage	40 kg / Side panel	~ 80 / 110 / 140 kg
H ₂ O	-	-
CALCULATION DATA		
Exhaust mass flow with relation to nominal heat output	6.8 (g/s)	5.1 (g/s)
Exhaust temperature measured in the exhaust flue pipe	305 °C	318 °C
Minimum chimney draught for nominal output	0.12 mbar	0.12 mbar
Average CO content of the exhaust gas in relation to 13% of O ₂	< 1250 mg / Nm ³	< 1250 mg / Nm ³
Dust emission	< 40 mg / Nm ³	< 40 mg / Nm ³
DIN EN 13240 (European norm)	RRF - 40 09 2177	RRF - 40 13 3313
DIBt (German Institute for Structural Engineering) Room air sealed operation	-	-
VKFTA No. (Swiss fire protection certificate)	✓	✓
Art.15a B-VG test report (Austria)	✓	✓
DINplus certification	✓	✓
Requirements of the 1st and 2nd level of BImSchV	✓	✓

a8

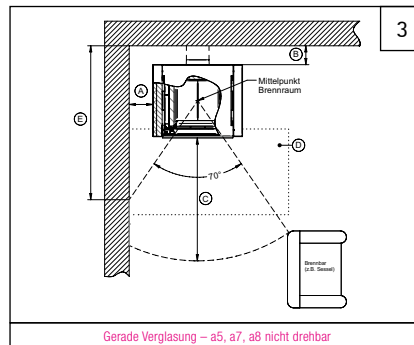
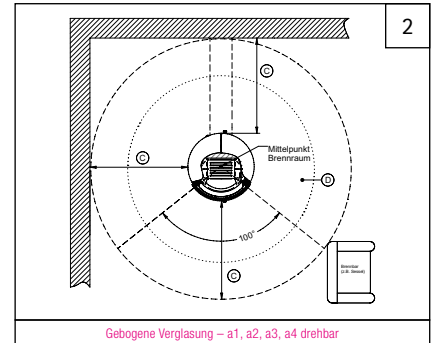
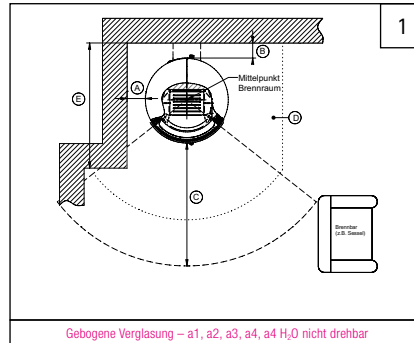
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22
5.9 kW
-
4.5 - 7.7 kW
1.5 - 2.2 kg
ca. 140 m ³
> 80 %
1190 / 583 / 468 mm
150 mm
1165 mm
-
234 mm
-
234 mm
~ 200 kg
~ 250 - 300 kg
-
Nero / Graphite / Terra Pearl / White
Sandstone Classic / Soapstone Black
yes
-
-
RLA
~ 20 / 30 / 35 kg
~ 80 / 110 / 140 kg
-
5.1 (g/s)
318 °C
0.12 mbar
< 1250 mg/Nm ³
< 40 mg / Nm ³
RRF - 40 13 3312
-
✓
✓
✓
✓

Brandschutz



Kaminöfen	Abstand zur seitlichen Wand		Abstand zur hinteren Wand		Abstand im Strahlungsbereich der Scheibe(n)		Abmaße Brandschutz Bodenbelag		Abstand für Strahlenschutzbereich
	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)				
	brennbar	nicht zu schützen	brennbar	nicht zu schützen	brennbar	nicht zu schützen	Länge x Breite	Abstand (bei rundem Bodenbelag)	
ambiente a1	15	10	10	5	80	80	50 x 30	50	66
ambiente a2	15	10	10	5	80	80	50 x 30	50	66
ambiente a3	15	10	10	5	80	80	50 x 30	50	66
ambiente a4	15	10	10	5	80	80	50 x 30	50	66
ambiente a4 H ₂ O	10	10	5	5	80	80	50 x 30	50	66
ambiente a5	20	10	28	5	80	80	50 x 30	50	66
ambiente a7	15	10	15	5	70	80	50 x 30	50	100
ambiente a8	10	10	-	5	65	80	50 x 30	50	100

Wird bei der Ofenaufstellung gem. Abb. 1 das Maß B eingehalten und das vor Ort gemessene Maß E ist kleiner als das angegebene, dann braucht der Strahlungsbereich bei den Seitenwänden nicht berücksichtigt werden. Ist diese Seitenwand jedoch länger als das Maß E muss vor Ort bewertet werden, ob es sich um ein zu schützendes Bauteil handelt. Durch Erhöhung des Maßes A bzw. B kann der Strahlbereich ggf. verschoben werden.

Notes:
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Spartherm Feuerungstechnik GmbH

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Are you looking for a stove with an individual character?

Then the ambiente range by Spartherm
is just what you need.

The ambiente line combines simple,
timeless design with innovative tech-

nology. That's the case whether you
want a water-heating stove, a classic
stove or something more flamboyant.

You can choose non-room air sealed or
room air sealed operation, you can have
it with or without a turntable to align
the fire with your living area – these
are only some of things you can achieve
with the ambiente range. And with the
optional heat storage elements you can
have even more cosy radiant heat in
your living-room.



ambiente

wood burning stoves

The successful ambiente range has been extended with the models a7 and a8. Both are a fine example of Spartherm' exquisite design and great heating technology. That's ambiente!

Experience the seduction of the ambiente range for yourself.



Contents

page 06 - 07 a1 - The classic stove

page 08 - 09 a2 - The interesting stove

page 10 - 11 a3 - The elegant stove

page 12 - 13 a4 - The flamboyant stove

page 14 - 15 a4 H₂O - The powerful stove

page 16 - 17 a4 H₂O - Functional principles

page 18 - 19 a5 - The straight solution for heat storage

page 20 - 21 a7 - The imposing wood burning stove

page 22 - 23 a8 - The elegant wood stove

page 24 - 27 Technical data

Symbols

RLA (Non-room air sealed operation)

This stoves are always provided with connection for the external combustion air intake, which can be used if required. They are not certified for room air sealed operation (Sealed air intake, exhaust pipe, door).

RLU (Room air sealed operation)

Stoves are certified by the DIBt for room air sealed operation. Sealed air intake, exhaust pipe and special door closure.

Rotatable

Rotatable using the special from 90 up to 180 degrees. The position can be fixed to add fuel or for cleaning.

Heat storage mass on top

Stoves that have storage mass in the housing to absorb heat during the combustion and to emit it to the room with a time delay after combustion end.

Heat storage mass on side

Steel covering with gap for heat storage mass or natural stone covering as a heat storage mass.

H₂O

Stoves with an integrated water heat exchanger, which extracts heat from the hot flue gases and makes it available to the buffer of the central heating as additional energy.



Rotatable

4



a4 Top outlet 135 kg



a4 Rear outlet 110 kg



a3 Top outlet 45 kg









a3 Rear outlet 45 kg



a1

THE CLASSIC STOVE

State-of-the-art technology in classic design. It fits seamlessly into any room with its timeless design. In front of a straight wall or discreetly in the corner. a1 always finds the right place. The pleasant clear shape tops off the enjoyment of the fire.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Form and function. Every detail is thought through and looks good.

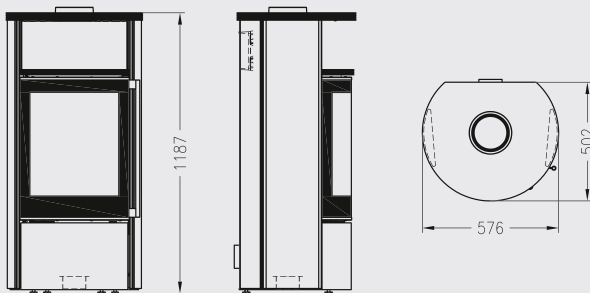


All lines and materials unite to create a perfect form.



6

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight depending on material: 180-220 kg



	Nero Steel	Graphite Steel	Pearl Steel (semi-matt)	Steel Terra	Caramello Sandstone	Soapstone
Surface						
Body						

ambiente







wood burning stoves



a2

THE INTERESTING STOVE

Its remarkable shape makes it interesting. Classically round at the front, square and distinctive on the sides. Its sophisticated layout uses little space. a2 is the ideal solution for difficult space situations. There is room for a nice fire everywhere.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Simple elegance made of steel and natural stone.

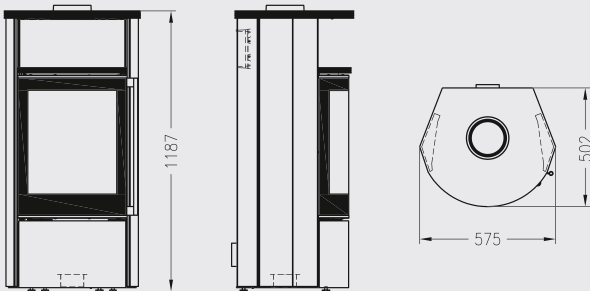














Straight lines. A straightforward design.



8

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight depending on material: 180-220 kg



	Nero Steel	Graphite Steel	Pearl Steel (semi-matt)	Steel Terra	Caramello Sandstone	Soapstone
Surface						
Body						

ambiente







wood burning stoves



a3

THE ELEGANT STOVE

Form and function complement each other perfectly. Its clear lines make it an impressive object made of steel and fire. As a room divider, in front of a wall or in the middle of a room. a3 is always an eye-catcher.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Perfect harmony in form and function.

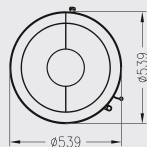
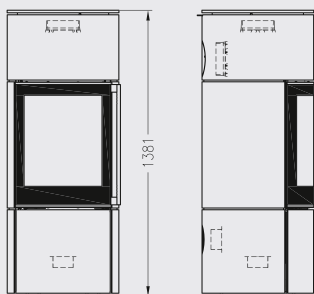


Beautifully shaped and consistent. Everything is round.



10

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight: 180 kg



Surface	Body
Nero Steel	Nero Steel
Graphite Steel	Graphite Steel
Pearl Steel (semi-matt)	Pearl Steel (semi-matt)
Steel Terra	Steel Terra

ambiente

wood burning stoves









a4

THE FLAMBOYANT STOVE

Design and technology in perfect harmony. a4 convinces with its noble appearance and its details. Imposingly it stands in the room. A real masterpiece.

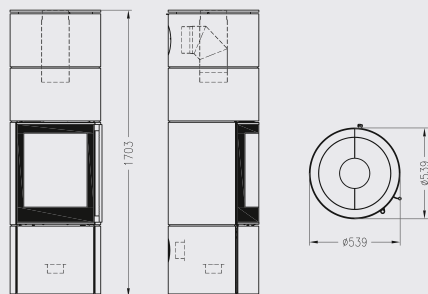


The integrated door handle is both comfortable and beautiful - RLU version.

-  RLA
-  RLU
-  Rotatable, optional
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

12



Surface	Body
Nero Steel	Nero Steel
Graphite Steel	Graphite Steel
Pearl Steel (semi-matt)	Pearl Steel (semi-matt)
Steel Terra	Steel Terra

Nominal output: 5.9 kW
 Heating capacity: 160 m³
 Weight: 200 kg



ambiente







wood burning stoves



a4 H₂O

THE POWERFUL STOVE

Its capability is visible.
65 % water heating makes it a storage giant. Why not make use of its convincing performance to save energy. Technology that inspires.

-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

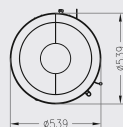


The integrated door handle is both comfortable and beautiful - RLU version.



Cleaning mechanism for water heat exchanger.

14



Nominal output: 8.0 kW
Water heating contribution: 5.2 kW
Water heat contribution related to nominal output: 65 %
Heating capacity: 70 m³
Weight: 230 kg

Surface	Body
Nero Steel	Nero Steel
Graphite Steel	Graphite Steel
Pearl Steel (semi-matt)	Pearl Steel (semi-matt)
Steel Terra	Steel Terra




ambiente

wood burning stoves



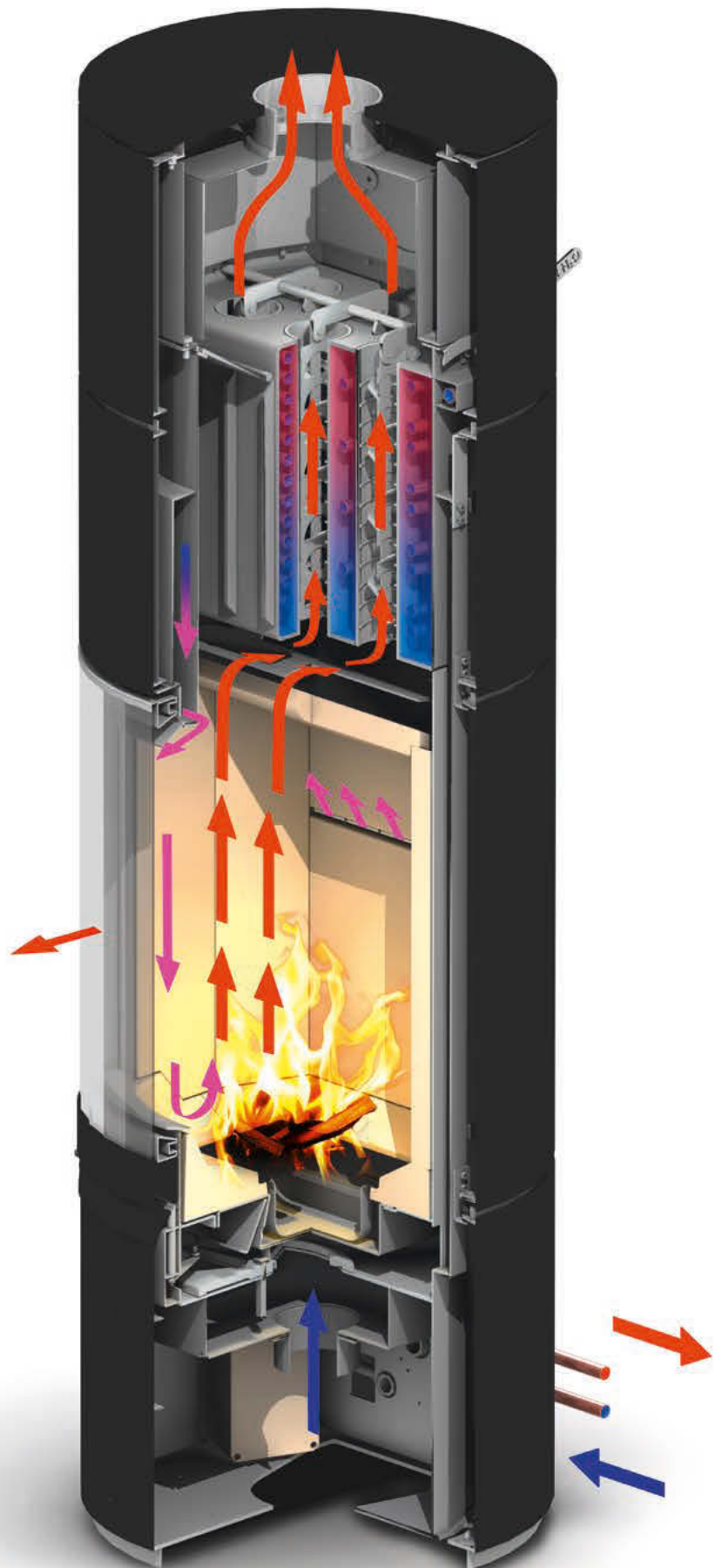
a4 H₂O

H₂O 

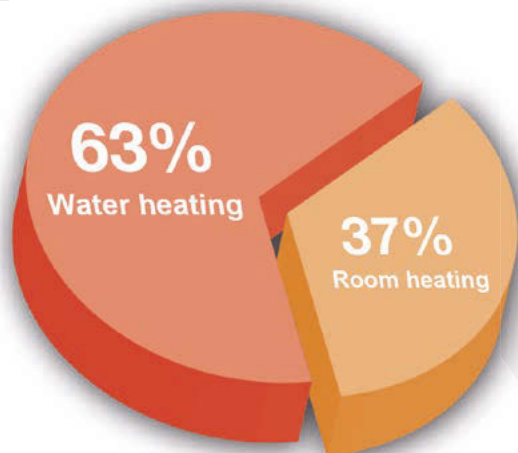
JUST IMAGINE HOT WATER COMING FROM YOUR STOVE.

Not directly, of course, just metaphorically speaking. The wonderfully visible stove fire heats the "cold" water from the accumulator tank via the water heat exchanger, which is integrated in the stove. Once heated, the hot water is returned to the accumulator tank. The heat can then be used throughout the home, via radiators and underfloor heating or for baths and showers.

In addition to heating water, the stove emits warm radiant heat to the room where it is installed.



16





using only 2,0 kg of firewood, you can:

- store  +15,4°C
- shower  39°C
- 8,0 min
- bath  39°C
- 40 litres

A LITTLE FIREWOOD – ENORMOUS BENEFITS.

With just 2.0 kg/h firewood you can keep the inside temperature of 73 m² living space of an KfW 70 house at 20 °C, thanks to the radiant heat of the stove.







In addition, use the water heat exchanger to either:

- raise a 300 l accumulator tank from 40 °C to 55.4 °C water temperature or
- shower for 8.0 mins with a water temperature of 39 °C or
- run one 140 l bath with a water temperature of 39 °C.

a5

THE STRAIGHT LINES SOLUTION FOR HEAT STORAGE

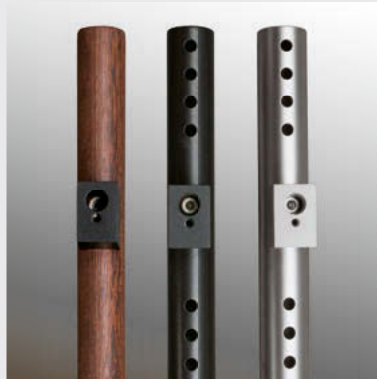
The a5 is a real storage marvel and its long-lasting radiant heat makes it the perfect partner for you. A compact shape, but huge capacity. The a5 provides an impressive 120 kg of heat storage medium. Depending on the version, you can increase the storage medium to over 230 kg. An elegant stove with clean lines, high thermal storage potential and convenience. A master in its class.

-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



Pull-out ash pan

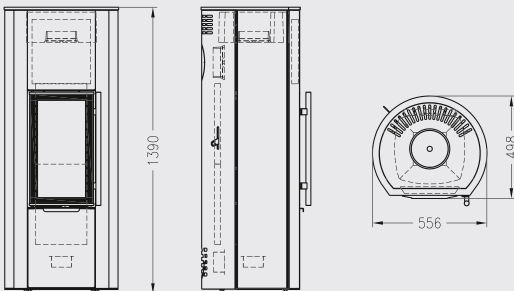


Elegant handles in a choice of finishes and Smart-Close system (rear view)



18

Nominal output: 7.0 kW
 Heating capacity: 186 m³
 Weight according to material: 225–255 kg



ambiente

wood burning stoves



a7







THE IMPOSING WOOD BURNING STOVE

With straight lines, impressive appearance the a7 stove is designed perfectly to enhance the appearance of a modern home. The cladding options include Sandstone and Soapstone, each piece is individually patterned and ensure that the appearance of the a7 will be unique for every home.

The excellent heat output and class leading efficiency demonstrate that the a7 is yet another fine example of Spartherm's heating technology.



Adjusting lever for Air supply

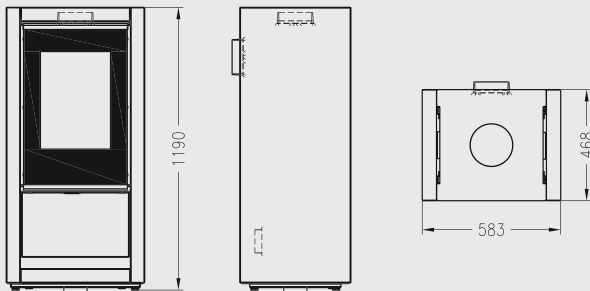
-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4



20

Nominal output: 5,9 kW
 Heating capacity: 140 m³
 Weight according to material: 200–300 kg



	Nero Steel	Graphite Steel	Steel Terra	Pearl Steel	Steel White	Sandstone Classic	Soapstone
Surface							
Body							

ambiente







wood burning stoves



a8

THE ELEGANT WOOD STOVE

Like the close relative, the a7, the a8 model design has clean, pure lines with an impressive design to further enhance the appearance of a modern home. This double sided stove gives powerful radiant heat and will transform every room into a special place. The a8 is an expression of exquisite design, sophisticated style and will reward every Owner with a great performance.

-  RLA
-  RLU, optional
-  Rotatable
-  Heat storage
-  Lateral heat storage
-  H₂O

Explanation of symbols used on page 4

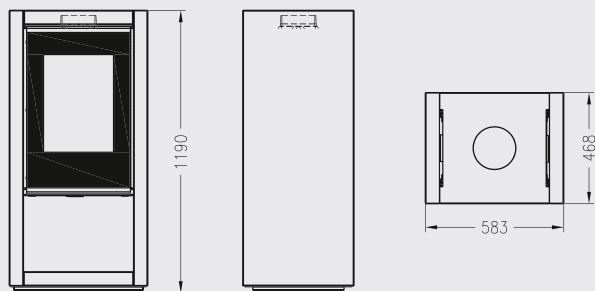



Exceptionally large double sided glass.



22

Nominal output: 5,9 kW
 Heating capacity: 140 m³
 Weight according to material: 200–300 kg



	Nero Steel	Graphite Steel	Steel Terra	Pearl Steel	Steel White	Sandstone Classic	Soapstone
Surface							
Body							

ambiente

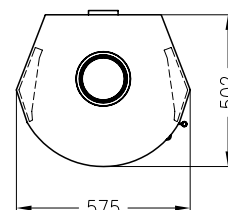
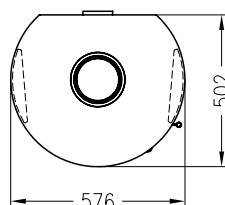
wood burning stoves



Views



Layouts

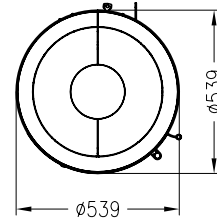
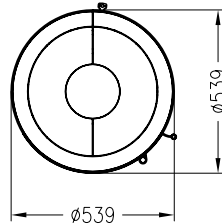
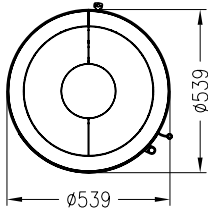


Catalogue page	6	8
CHARACTERISTICS		
Nominal output	6.3 kW	6.3 kW
Water output range in kW	-	-
Heat output range min/max	4.4 – 8.2 kW	4.4 – 8.2 kW
Wood loading quantity per hour	1.4 – 2.4 kg	1.4 – 2.4 kg
Room heating capacity (approx.)	160 m ³	160 m ³
Efficiency	> 80%	> 80%
DIMENSIONS (referring to the models with steel covering)		
Stove height / width / depth	1185 / 580 / 500 mm	1185 / 575 / 500 mm
Flue pipe ø	150 mm	150 mm
Connection height – top outlet	1153 mm	1163 mm
Connection height – rear outlet	1025 mm	1025 mm
Distance front to center of Flue pipe – top outlet	290 mm	290 mm
Distance floor to center of external air connector (Ø = 100 mm) – rear connection	155 mm	155 mm
Distance front to center of external air connector – underneath connection (Ø = 100 mm)	270 mm	270 mm
WEIGHT (fully assembled depending on the execution)		
Steel covering	180 kg	180 kg
Natural stone covering	220 kg	220 kg
Heat storage elements (optional) (with Top outlet/Rear outlet)	-	-
MODEL VARIANTS (side covering and top plate)		
Steel	Nero / Graphite Terra / Pearl	Nero / Graphite Terra / Pearl
Natural stone	Sandstone / Soap stone	Sandstone / Soap stone
Door – Printed glass ceramic	Black	Black
FEATURES/ACCESSORIES		
RLA	yes	yes
RLU	optional	optional
Rotatable (180°) with rotating flue pipe	optional	optional
External air connector piece	RLA optional / RLU standard	RLA optional / RLU standard
Heat storage	-	-
Lateral heat storage	35 kg / Side panel	35 kg / Side panel
H ₂ O	-	-
CALCULATION DATA		
Exhaust mass flow with relation to nominal heat output	5.1 m (g/s)	5.1 m (g/s)
Exhaust temperature measured in the exhaust flue pipe	350 °C	350 °C
Minimum chimney draught for nominal output	0.12 mbar	0.12 mbar
Average CO content of the exhaust gas in relation to 13% of O ₂	< 1250 mg / Nm ³	< 1250 mg / Nm ³
Dust emission	< 40 mg / Nm ³	< 40 mg / Nm ³
DIN EN 13240 (European norm)	RRF - 40 10 2207	RRF - 40 10 2207
DIBt (German Institute for Structural Engineering) Room air sealed operation	Z-43.12-244	Z-43.12-244
VKFTA No. (Swiss fire protection certificate)	✓	✓
Art.15a B-VG test report (Austria)	✓	✓
DINplus certification	✓	✓
Requirements of the 1st and 2nd level of BImSchV	✓	✓

a3

a4

a4 H₂O



10	12	14
6.3 kW	6.3 kW	8,0 kW
-	-	5.4 kW
4.4 – 8.2 kW	4.4 – 8.2 kW	5.5 – 11.0 kW
1.4 – 2.4 kg	1.4 – 2.4 kg	1.2 – 3.0 kg
160 m ³	160 m ³	ca. 70 m ³
> 80%	> 80%	> 88%
1375 / 540 / 540 mm	1695 / 540 / 540 mm	1695 / 540 / 540 mm
150 mm	150 mm	150 mm
1284 mm	1284 mm	1654 mm
1145 mm	1525 mm	1560 mm
270 mm	270 mm	270 mm
275 mm	275 mm	280 mm
270 mm	270 mm	270 mm
180 kg	200 kg	230 kg
-	-	-
45 kg	135 / 110 kg	-
Nero / Graphite Terra / Pearl	Nero / Graphite Terra / Pearl	Nero / Graphite Terra / Pearl
-	-	-
Black	Black	Black
yes	yes	yes
optional	optional	optional
optional	optional	-
RLA optional / RLU standard optional / 45 kg	RLA optional / RLU standard optional / 110 / 135 kg	RLA optional / RLU standard
-	-	-
-	-	yes
5.1 m (g/s)	5.1 m (g/s)	7.6 m (g/s)
350 °C	350 °C	150 °C
0.12 mbar	0.12 mbar	0.12 mbar
< 1250 mg / Nm ³	< 1250 mg / Nm ³	< 1250 mg / Nm ³
< 40 mg / Nm ³	< 40 mg / Nm ³	< 40 mg / Nm ³
RRF - 40 10 2207	RRF - 40 10 2207	RRF - 40 10 2550
Z-43.12-244	Z-43.12-244	Z-43.12-244
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

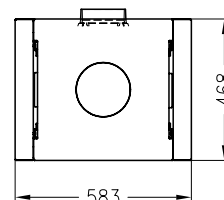
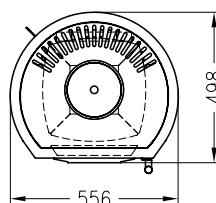
Notes:
Subject to deviations in colours of natural stone in this brochure (printing related).

Subject to colour and technical changes as well as errors.

Views



Layouts

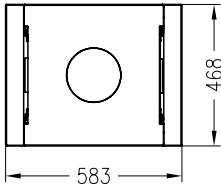


Catalogue page	18	20
CHARACTERISTICS		
Nominal output	7.0 kW	5.9 kW
Water output range in kW	-	-
Heat output range min/max	4.9 - 9.1 kW	4.5 - 7.7 kW
Wood loading quantity per hour	1.8 - 2.8 kg	1.5 - 2.2 kg
Room heating capacity (approx.)	ca. 186 m ³	ca. 140 m ³
Efficiency	> 78 %	> 80 %
DIMENSIONS (referring to the models with steel covering)		
Stove height / width / depth	1390 / 556 / 498 mm	1190 / 583 / 468 mm
Flue pipe ø	150 mm	150 mm
Connection height - top outlet	1272 mm	1165 mm
Connection height - rear outlet	1150 mm	980 mm
Distance front to center of Flue pipe - top outlet	222 mm	234 mm
Distance floor to center of external air connector (Ø = 100 mm) - rear connection	153 mm	205 mm
Distance front to center of external air connector - underneath connection (Ø = 100 mm)	226 mm	234 mm
WEIGHT (fully assembled depending on the execution)		
Steel covering	170 kg	~ 200 kg
Natural stone covering	170 - 205 kg	~ 250 - 300 kg
Heat storage elements (optional) (with Top outlet/Rear outlet)	110 / 95 kg	-
MODEL VARIANTS (side covering and top plate)		
Steel	Nero / Graphite Terra / Pearl	Nero / Graphite / Terra Pearl / White
Natural stone	Sandstone Caramello / Soapstone	Sandstone Classic / Soapstone
Door - Printed glass ceramic	Black	Black
FEATURES/ACCESSORIES		
RLA	yes	yes
RLU	-	-
Rotatable (180°) with rotating flue pipe	-	-
External air connector piece	RLA	RLA
Heat storage	optional / 110 / 95 kg	~ 20 / 30 / 35 kg
Lateral heat storage	40 kg / Side panel	~ 80 / 110 / 140 kg
H ₂ O	-	-
CALCULATION DATA		
Exhaust mass flow with relation to nominal heat output	6.8 (g/s)	5.1 (g/s)
Exhaust temperature measured in the exhaust flue pipe	305 °C	318 °C
Minimum chimney draught for nominal output	0.12 mbar	0.12 mbar
Average CO content of the exhaust gas in relation to 13% of O ₂	< 1250 mg / Nm ³	< 1250 mg / Nm ³
Dust emission	< 40 mg / Nm ³	< 40 mg / Nm ³
DIN EN 13240 (European norm)	RRF - 40 09 2177	RRF - 40 13 3313
DIBt (German Institute for Structural Engineering) Room air sealed operation	-	-
VKFTA No. (Swiss fire protection certificate)	✓	✓
Art.15a B-VG test report (Austria)	✓	✓
DINplus certification	✓	✓
Requirements of the 1st and 2nd level of BImSchV	✓	✓

a8

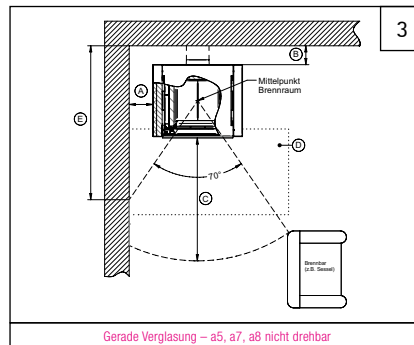
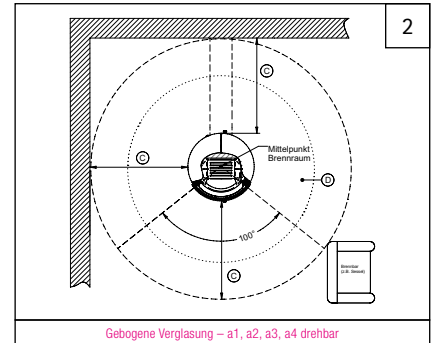
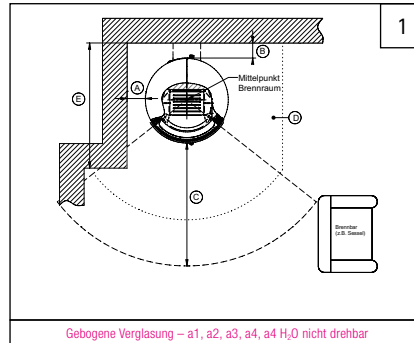
ambiente

wood burning stoves



22
5.9 kW
-
4.5 - 7.7 kW
1.5 - 2.2 kg
ca. 140 m ³
> 80 %
1190 / 583 / 468 mm
150 mm
1165 mm
-
234 mm
-
234 mm
~ 200 kg
~ 250 - 300 kg
-
Nero / Graphite / Terra Pearl / White
Sandstone Classic / Soapstone Black
yes
-
-
RLA
~ 20 / 30 / 35 kg
~ 80 / 110 / 140 kg
-
5.1 (g/s)
318 °C
0.12 mbar
< 1250 mg/Nm ³
< 40 mg / Nm ³
RRF - 40 13 3312
-
✓
✓
✓
✓

Brandschutz



Kaminöfen	Abstand zur seitlichen Wand		Abstand zur hinteren Wand		Abstand im Strahlungsbereich der Scheibe(n)		Abmaße Brandschutz Bodenbelag		Abstand für Strahlenschutzbereich
	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)				
	brennbar	nicht zu schützen	brennbar	nicht zu schützen	brennbar	nicht zu schützen	Länge x Breite	Abstand (bei rundem Bodenbelag)	
ambiente a1	15	10	10	5	80	80	50 x 30	50	66
ambiente a2	15	10	10	5	80	80	50 x 30	50	66
ambiente a3	15	10	10	5	80	80	50 x 30	50	66
ambiente a4	15	10	10	5	80	80	50 x 30	50	66
ambiente a4 H ₂ O	10	10	5	5	80	80	50 x 30	50	66
ambiente a5	20	10	28	5	80	80	50 x 30	50	66
ambiente a7	15	10	15	5	70	80	50 x 30	50	100
ambiente a8	10	10	-	5	65	80	50 x 30	50	100

Wird bei der Ofenaufstellung gem. Abb. 1 das Maß B eingehalten und das vor Ort gemessene Maß E ist kleiner als das angegebene, dann braucht der Strahlungsbereich bei den Seitenwänden nicht berücksichtigt werden. Ist diese Seitenwand jedoch länger als das Maß E muss vor Ort bewertet werden, ob es sich um ein zu schützendes Bauteil handelt. Durch Erhöhung des Maßes A bzw. B kann der Strahlbereich ggf. verschoben werden.

Notes:
Subject to deviations in colours of natural stone in this brochure (printing related).

Subject to colour and technical changes as well as errors.

ambiente

wood burning stoves



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