

# Solution 4 (Series 4)











Solution 4

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stoves produce the equivalent heat output of previous Solution models whilst using less fuel than ever before.

The humble size of this stove makes it ideal for installation not just in the home, but also smaller living spaces such as a canal boat or shepherd hut. Its multi fuel function will let you burn seasoned wood or solid smokeless fuel and is very easy to control.

## **Features**

- Meets Ecodesign standards for clean burning on both Wood and Solid Fuel
- Suitable for smoke control areas
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate
- 5 inch top or rear flue outlet
- Optional rear heat shield for reduced distance to non-combustible material

# **Dimensions**

Width	334 mm
Height	473 mm
Depth	387 mm
Ideal log length	200 mm



Solution 4

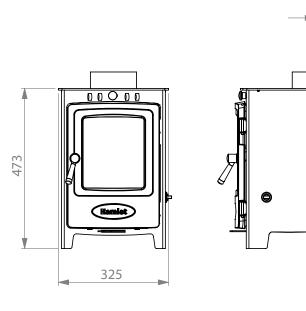


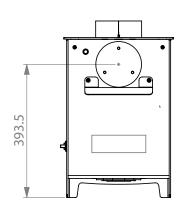
Ideal for smaller living spaces

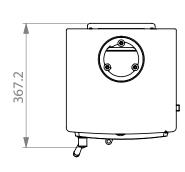
Optional Extras: Safety Handle / Rear heat shield / Floor fixing kit / Direct air connection

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# Solution 4 (Series 4)







# **Dimensions**

Width (inc. across canopy and riddle boss)	334 mm
Height	473 mm
Depth	387 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	90 mm
Height to centre of rear flue	393.5 mm
Ideal log length / diameter	200mm / 100mm

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Stove body type	Freestanding
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	Yes *
Suitable for non-combustible 12mm hearth	Yes
Weight gross (packed kg)	62 Kg
Weight nett (unpacked kg)	58 Kg

#### **Performance Wood Fuel Solid Fuel** Energy Efficiency Class A+ Nett Efficiency 83.1 % 75.5 % Nominal Output 4.6 kW 4.4 kW Output Range 3.5 - 6 kW Mean Co Emission 0.10 % 0.11 % (@13% O2) DIN+ particulate 28 Nmg/m3 16 Nmg/m3 Mean NOx Emission 113 Nmg/m3 150 Nmg/m3 (@13% O2) Mean OGC Emission 91 Nmg/m3 45 Nmg/m3 (@13% O2) Flue Gas Mass Flow 3.7 g/s 3.8 g/s 300 °C Flue Gas Temperature 232 °C Typical Fuel load for nominal 0.94 (Seasoned 0.70 (MSF Maxibrite) rated output per hour (kWh/Kg) hardwood)

## Minimum distance to combustibles

	Α	В	C
Rear	650 mm	375 mm	225 mm
Side	650 mm	650 mm	650 mm
Max hearth temp.	92 °C	92 °C	92 °C

A = Single Walled Flue, without Rear Heat Shield fitted

B = Single Walled Flue, with Rear Heat Shield fitted

C = Twin Walled Flue, with Rear Heat Shield fitted

# **Direct air spigot location**

(when viewing the rear side of the stove)

Horizontal position	Centre
Distance from floor to centre	TBA mm

We recommend this appliance is installed with clearance of 100mm to non-combustible materials.

Installation and operating instructions for this stove are available online at www.aradastoves.com.

\* Note: The optional direct air adaptor for this model is not room-sealed and should not be installed on a stove in an airtight property.

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# Solution 5 (Series 4)











Solution 5 Series 4

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stoves produces the equivalent heat output of previous Solution models whilst using less fuel than ever before.

This 4.9 kW stove is multi fuel allowing you to burn seasoned wood or solid smokeless fuel and is easy to control. The Solution 5 stove is certain to keep your home warm and cosy.

## **Features**

- Burns wood or solid fuel
- Ecodesign ready, suitable for smoke control
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate
- Top or rear flue outlet
- Optional rear heat shield for reduced distance to non-combustible material

# **Dimensions**

Width	436 mm
Height	551 mm
Depth	387 mm
Ideal log length	300 mm



Solution 5

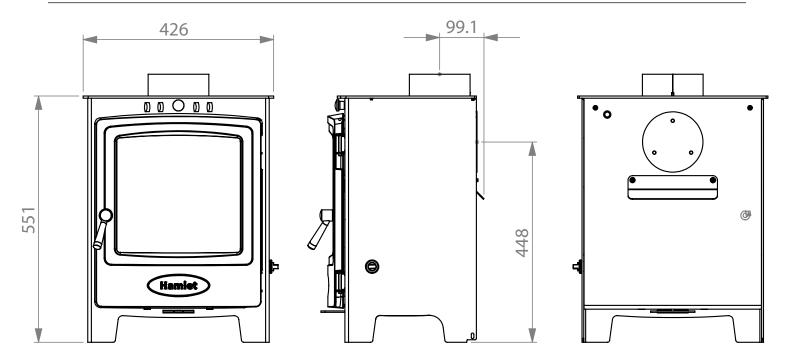


Clever design that's easy to use

Optional Extras: Safety Handle / Rear heat shield / Floor fixing kit / Direct air connection

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# Solution 5 (Series 4)



# **Dimensions**

Width (inc. riddle control)	436 mm
Height	551 mm
Depth	387 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	82 mm
Height to centre of rear flue	448 mm
Ideal log length / diameter	300mm / 100mm

## **Features**

Freestanding
Yes
Yes
Yes *
Yes
68.5 Kg
63 Kg

#### **Performance Wood Fuel Solid Fuel Energy Efficiency Class** Α Ε Nett Efficiency 80.6 % 79.7 % Nominal Output 4.9 kW 4.9 kW Output Range 4.4 - 6.9 kW Mean Co Emission 0.09 % 0.11 % (@13% O2) DIN+ particulate 22 Nmg/m3 33 Nmg/m3 Mean NOx Emission 104 Nmg/m3 132 Nmg/m3 (@13% O2) Mean OGC Emission 67 Nmg/m3 44 Nmg/m3 (@13% O2) Flue Gas Mass Flow 4.0 g/s 3.8 g/s 265 °C 275 °C Flue Gas Temperature Typical Fuel load for nominal 1.10 (Seasoned 0.75 rated output per hour (kWh/Kg) hardwood) (MSF Maxibrite)

## **Direct air spigot location**

(when viewing the rear side of the stove)

Horizontal position	Centre
Distance from floor to centre	TBA mm

# Minimum distance to combustibles

	Α	В	C
Rear	750 mm	500 mm	350 mm
Side	550 mm	550 mm	550 mm
Max hearth temp.	54 °C	54 °C	58 °C

A = Single Walled Flue, without Rear Heat Shield fitted B = Single Walled Flue, with Rear Heat Shield fitted C = Twin Walled Flue, with Rear Heat Shield fitted

We recommend this appliance is installed with clearance of 100mm to non-combustible materials.

Installation and operating instructions for this stove are available online at www.aradastoves.com.

\* Note: The optional direct air adaptor for this model is not room-sealed and should not be installed on a stove in an airtight property.

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# Solution 5 Inset (Series 4)











Solution 5 Inset Series 4

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stoves produces the equivalent heat output of previous Solution models whilst using less fuel than ever before.

This 4.9 kW stove is multi fuel allowing you to burn seasoned wood or solid smokeless fuel and is easy to control. The Solution 5 Inset stove is certain to keep your home warm and cosy.

## **Features**

- Burns wood or solid fuel
- Ecodesign ready, suitable for smoke control
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate

# **Dimensions**

Width	517 mm
Height	580 mm
Depth	469 mm
Ideal log length	200 mm



Solution 5 Inset

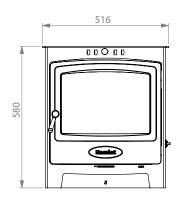


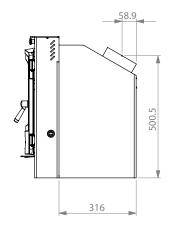
Clever design that's easy to use

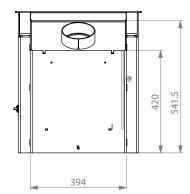
Optional Extras: Safety Handle / Floor fixing kit

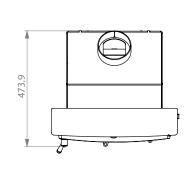
SBARA-SOL5-INSET-S4 1.0\_03.21

# Solution 5 Inset (Series 4)









# **Dimensions**

Width (across canopy and riddle boss)	517 mm
Height	580 mm
Depth (from rear to handle boss)	469 mm
Width into opening	394 mm
Height into opening	544 mm
Depth into opening	316 mm
Depth of front fascia	100 mm
Flue Diameter	127 mm
Flue Outlet Angle from vertical	30 °
Ideal log length / diameter	200mm / 100mm

Performance	Wood Fuel	Solid Fuel
Energy Efficiency Class	А	E
Nett Efficiency	79.9 %	76 %
Nominal Output	5 kW	5 kW
Output Range	4.1 - 6.7 kW	
Mean Co Emission (@13% O2)	0.08 %	0.07 %
DIN+ particulate	14 Nmg/m3	12 Nmg/m3
Mean NOx Emission (@13% O2)	97 Nmg/m3	138 Nmg/m3
Mean OGC Emission (@13% O2)	79 Nmg/m3	30 Nmg/m3
Flue Gas Mass Flow	4.1 g/s	4.1 g/s
Flue Gas Temperature	274 °C	323 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.44 (Seasoned hardwood)	0.76 (MSF Maxibrite)

# **Features**

Stove body type	Inset
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	No
Suitable for non-combustible 12mm hearth	No
Weight gross (packed kg)	89 Kg
Weight nett (unpacked kg)	83 Kg

# Minimum distance to combustibles

Тор	250 mm
Side	175 mm
Max hearth temp.	66 °C

We recommend this appliance is installed with clearance of 100mm to non-combustible materials. Installation and operating instructions for this stove are available online at www.aradastoves.com.

SBARA-SOL5-INSET-S4 1.0\_03.21

# Solution 5 Compact (Series 4)











Solution 5 Compact Series 4

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stove produce the equivalent heat output of previous Solution models whilst using less fuel than ever before.

This slender-bodied 4.8 kW stove is multi fuel allowing you to burn seasoned wood or solid smokeless fuel and is easy to control. The Solution 5 Compact stove is certain to keep your home warm and cosy.

## **Features**

- Meets Ecodesign standards for clean burning on both Wood and Solid Fuel
- Suitable for smoke control areas
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate
- Top or rear flue outlet
- Optional rear heat shield for reduced distance to non-combustible material

# **Dimensions**

Width	397 mm
Height	551 mm
Depth	387 mm
Ideal log length	200 mm



Solution 5 Compact

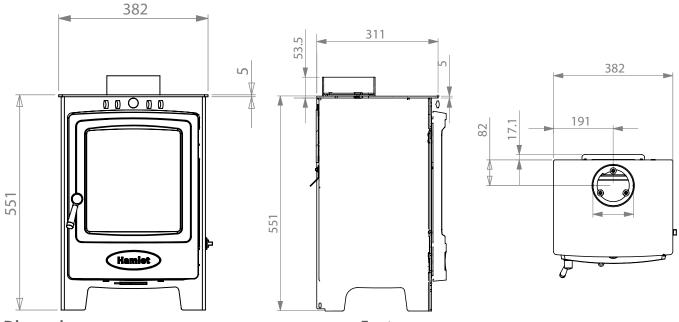


Stylish cast iron door

Optional Extras: Safety Handle / Rear heat shield / Floor fixing kit / Direct air connection

SBARA-SOL5CM-S4 1.1\_03.21

# Solution 5 Compact (Series 4)



# **Dimensions**

Width (inc. riddling control)	397 mm
Height	551 mm
Depth	387 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	82 mm
Height to centre of rear flue	448 mm
Ideal log length / diameter	200mm / 100mm

### **Features**

Stove body type	Freestanding
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	Yes *
Suitable for non-combustible 12mm hearth	Yes
Weight gross (packed kg)	63 Kg
Weight nett (unpacked kg)	59 Kg

# Performance Wood Fuel Solid Fuel

Energy Efficiency Class	А	E
Nett Efficiency	81 %	79.9 %
Nominal Output	4.8 kW	4.8 kW
Output Range	3.9 - 6.1 kW	
Mean Co Emission (@13% O2)	0.12 %	0.12 %
DIN+ particulate	11 Nmg/m3	18 Nmg/m3
Mean NOx Emission (@13% O2)	60 Nmg/m3	101 Nmg/m3
Mean OGC Emission (@13% O2)	79 Nmg/m3	56 Nmg/m3
Flue Gas Mass Flow	3.9 g/s	3.5 g/s
Flue Gas Temperature	259 °C	275 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.10 (Seasoned hardwood)	0.75 (MSF Maxibrite)

# Minimum distance to combustibles

	Α	В	C
Rear	700 mm	400 mm	250 mm
Side	500 mm	700 mm	700 mm
Max hearth temp.	53.9 °C	98 °C	98 °C

A = Single Walled Flue, without Rear Heat Shield fitted

B = Single Walled Flue, with Rear Heat Shield fitted C = Twin Walled Flue, with Rear Heat Shield fitted

# **Direct air spigot location**

(when viewing the rear side of the stove)

Horizontal position	Centre
Distance from floor to centre	TBA mm

We recommend this appliance is installed with clearance of 100mm to non-combustible materials. Installation and operating instructions for this stove are available online at www.aradastoves.com.

\* Note: The optional direct air adaptor for this model is not room-sealed and should not be installed on a stove in an airtight property.

SBARA-SOL5CM-S4 1.1\_03.21

# Solution 5 Widescreen (Series 4)











Solution 5 Widescreen S4 shown in Sandcastle colour option

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stoves produces the equivalent heat output of previous Solution models whilst using less fuel than ever before.

This 4.9 kW stove is multi fuel allowing you to burn seasoned wood or solid smokeless fuel and is easy to control. Its generously-sized flame view window increases the enjoyment to be had from a lit stove. The Solution 5 Widescreen stove is certain to keep your home warm and cosy.

#### **Features**

- Meets Ecodesign standards for clean burning on both Wood and Solid Fuel
- Suitable for smoke control areas
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate
- Top or rear flue outlet
- Optional rear heat shield for reduced distance to non-combustible material

# **Dimensions**

Width	519 mm
Height	551 mm
Depth	387 mm
Ideal log length	330 mm



Solution 5 Widescreen

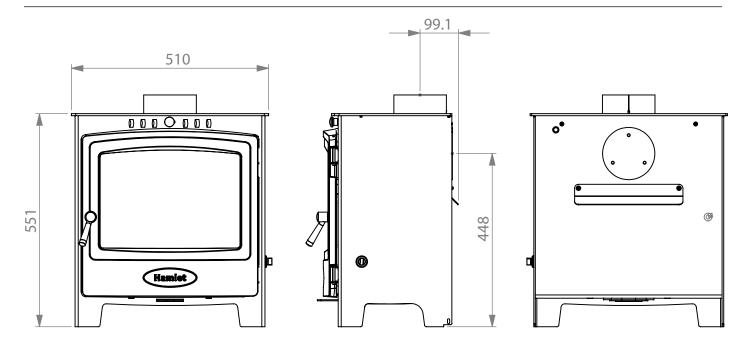


Eye-catching colour options

Optional Extras: Safety Handle / Rear heat shield / Floor fixing kit / Direct air connection

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# Solution 5 Widescreen (Series 4)



# **Dimensions**

Width (inc. riddling control)	518.5 mm
Height	551 mm
Depth	387 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	82 mm
Height to centre of rear flue	448 mm
Ideal log length / diameter	330mm / 100mm

## **Features**

Stove body type	Freestanding
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	Yes *
Suitable for non-combustible 12mm hearth	Yes
Weight gross (packed kg)	80 Kg

# PerformanceWood FuelSolid FuelEnergy Efficiency ClassA+ENett Efficiency82.5 %79.4 %

Energy Efficiency Class	A+	E
Nett Efficiency	82.5 %	79.4 %
Nominal Output	4.9 kW	4.9 kW
Output Range	3.8 - 6.6 kW	
Mean Co Emission (@13% O2)	0.12 %	0.05 %
DIN+ particulate	13 Nmg/m3	25 Nmg/m3
Mean NOx Emission (@13% O2)	84 Nmg/m3	121 Nmg/m3
Mean OGC Emission (@13% O2)	113 Nmg/m3	30 Nmg/m3
Flue Gas Mass Flow	4.0 g/s	3.3 g/s
Flue Gas Temperature	240 °C	291 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.17 (Seasoned hardwood)	0.73 (MSF Maxibrite)

# **Direct air spigot location**

(when viewing the rear side of the stove)

Horizontal position	Centre
Distance from floor to centre	TBA mm

# Minimum distance to combustibles

	Α	В	C
Rear	900 mm	450 mm	350 mm
Side	550 mm	550 mm	500 mm
Max hearth temp.	94 °C	94 °C	94 °C
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A = Single Walled Flue, without Rear Heat Shield fitted B = Single Walled Flue, with Rear Heat Shield fitted C = Twin Walled Flue, with Rear Heat Shield fitted

We recommend this appliance is installed with clearance of 100mm to non-combustible materials.

Installation and operating instructions for this stove are available online at www.aradastoves.com.

\* Note: The optional direct air adaptor for this model is not room-sealed and should not be installed on a stove in an airtight property.

SBARA-SOL5WS-S4 1.1\_03.21

# Solution 7 (Series 4)











Solution 7 Series 4

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stoves produce the equivalent heat output of previous Solution models whilst using less fuel than ever before.

This 7 kW stove is multi fuel allowing you to burn seasoned wood or solid smokeless fuel and is easy to control. The Solution 7 stove is certain to keep your home warm and cosy.

## **Features**

- Meets Ecodesign standards for clean burning on both Wood and Solid Fuel
- Suitable for smoke control areas
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate
- Top or rear flue outlet
- Optional rear heat shield for reduced distance to non-combustible material

# **Dimensions**

Width	519 mm
Height	551 mm
Depth	387 mm
Ideal log length	330 mm



Solution 7

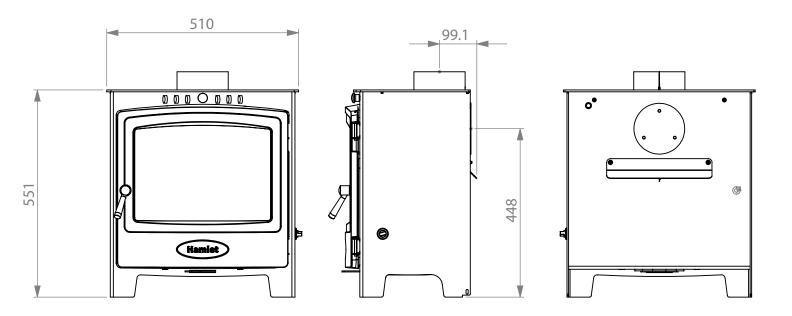


Stylish cast iron door

Optional Extras: Safety Handle / Rear heat shield / Floor fixing kit / Direct air connection

SBARA-SOL7-S4 1.2\_03.21

# Solution 7 (Series 4)



# **Dimensions**

Width (inc. riddle control)	518.5 mm
Height	551 mm
Depth	387 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	82 mm
Height to centre of rear flue	448 mm
Ideal log length / diameter	330mm / 100mm

## **Features**

Stove body type	Freestanding
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	Yes *
Suitable for non-combustible 12mm hearth	Yes
Weight gross (packed kg)	80 Kg

# PerformanceWood FuelSolid FuelEnergy Efficiency ClassADNett Efficiency77.9 %81.5 %

Nett Efficiency	77.9 %	81.5 %
Nominal Output	7.0 kW	7.1 kW
Output Range	5.2 - 8.1 kW	
Mean Co Emission (@13% O2)	0.12 %	0.06 %
DIN+ particulate	18 Nmg/m3	24 Nmg/m3
Mean NOx Emission (@13% O2)	109 Nmg/m3	120 Nmg/m3
Mean OGC Emission (@13% O2)	107 Nmg/m3	42 Nmg/m3
Flue Gas Mass Flow	6.2 g/s	4.3 g/s
Flue Gas Temperature	291 °C	326 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.55 (Seasoned hardwood)	1.0 (MSF Maxibrite)

# **Direct air spigot location**

(when viewing the rear side of the stove)

Horizontal position	Centre
Distance from floor to centre	TBA mm

# Minimum distance to combustibles

	Α	В	C
Rear	650 mm	500 mm	350 mm
Side	650 mm	900 mm	650 mm
Max hearth temp.	53 °C	53 °C	53 °C
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A = Single Walled Flue, without Rear Heat Shield fitted B = Single Walled Flue, with Rear Heat Shield fitted C = Twin Walled Flue, with Rear Heat Shield fitted

We recommend this appliance is installed with clearance of 100mm to non-combustible materials.

Installation and operating instructions for this stove are available online at www.aradastoves.com.

\* Note: The optional direct air adaptor for this model is not room-sealed and should not be installed on a stove in an airtight property.

SBARA-SOL7-S4 1.2\_03.21

# Solution 7 Inset (Series 4)











Solution 7 Inset Series 4

New for 2020. Ecodesign Ready and with a classic look. This generation of Solution stoves produces the equivalent heat output of previous Solution models whilst using less fuel than ever before.

This 7.1 kW stove is multi fuel allowing you to burn seasoned wood or solid smokeless fuel and is easy to control. The Solution 7 Inset stove is certain to keep your home warm and cosy.

## **Features**

- Burns wood or solid fuel
- Ecodesign ready, suitable for smoke control
- Preheated airwash system for clean glass
- 10 year guarantee on the stove body
- Non-smoker paint, available in seven colours
- Externally controlled riddling grate

# **Dimensions**

Width	517 mm
Height	580 mm
Depth	469 mm
Ideal log length	300 mm



Solution 7 Inset

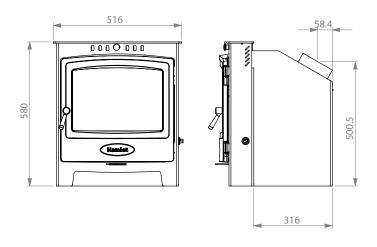


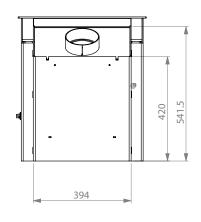
Clever design that's easy to use

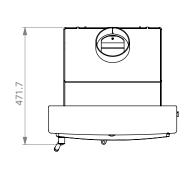
Optional Extras: Safety Handle / Floor fixing kit

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# Solution 7 Inset (Series 4)







# **Dimensions**

Width (across canopy and riddle bossl)	517 mm
Height	580 mm
Depth (from rear to handle boss)	469 mm
Width into opening	394 mm
Height into opening	544 mm
Depth into opening	316 mm
Depth of front fascia	100 mm
Flue Diameter	127 mm
Flue Outlet Angle from vertical	30 °
Ideal log length / diameter	300mm / 100mm

# Minimum distance to combustibles

Тор	200 mm
Side	175 mm
Max hearth temp.	70 °C

# **Features**

Stove body type	Freestanding
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	No
Suitable for non-combustible 12mm hearth	No <sup>1</sup>
Weight gross (packed kg)	91 Kg
Weight nett (unpacked kg)	85 Kg

Performance	<b>Wood Fuel</b>	Solid Fuel
Energy Efficiency Class	А	E
Nett Efficiency	75.4 %	75.8 %
Nominal Output	7.1 kW	7.1 kW
Output Range	5 - 8.6 kW	
Mean Co Emission (@13% O2)	0.11 %	0.08 %
DIN+ particulate	27 Nmg/m3	27 Nmg/m3
Mean NOx Emission (@13% O2)	95 Nmg/m3	159 Nmg/m3
Mean OGC Emission (@13% O2)	92 Nmg/m3	43 Nmg/m3
Flue Gas Mass Flow	6.23 g/s	6.4 g/s
Flue Gas Temperature	326 °C	332 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.62 (Seasoned hardwood)	1.08 (MSF Maxibrite)

We recommend this appliance is installed with clearance of 100mm to non-combustible materials. Installation and operating instructions for this stove are available online at www.aradastoves.com.

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