

STOVAX



Stockton 7 & 8 *Inset Convector Stove*

Installation Instructions

MODELS: 7125/7126

For Use in Great Britain and Eire

This product is suitable for use in the stated countries. To install the product in other countries it is essential to obtain translated instructions and in some cases the product may require modification. Contact Stovax to obtain further information.

IMPORTANT

**Before installation of this product please read these instruction fully.
The installer should complete the commissioning sheet at the start of the User instructions**

TECHNICAL SPECIFICATION

Stockton Inset Convector: Models 7125/7126

	Stockton 7 Inset Convector Model: 7125	Stockton 8 Inset Convector Model: 7126
Maximum Heat Output	7 kW	8 kW
Fuel Type	Seasoned Wood (Less than 20% moisture content) Manufactured smokeless fuel	Seasoned Wood (Less than 20% moisture content) Manufactured smokeless fuel
Do not burn petroleum based fuels such as petro-coke, as these will seriously damage the appliance.		
Maximum Log Length	250mm	350mm
Flue Outlet Size	Standard 128mm (5")	Standard 128mm (5")

STANDARD FEATURES

- Primary air (under grate air for full multifuel use)
- Airwash (for woodburning/clean glass)
- Pre-set secondary air(to ensure complete burning of flue gases)

PACKING LIST

- User instructions
- Installer instructions
- Guarantee card
- Accessory catalogue
- Pair leather gloves

SITE REQUIREMENTS

IMPORTANT NOTICE

Before installation of this product please read these instructions fully.

It is very important to also understand the requirements of the UK Building Regulations (England and Wales - Document J/Scotland - Part F), along with any local regulations, and working practices that may apply. Should any conflict occur between these instructions and these regulations then the regulations shall apply.

Your local Building Control Office would be happy to advise should questions arise, regarding the requirements of the regulations.

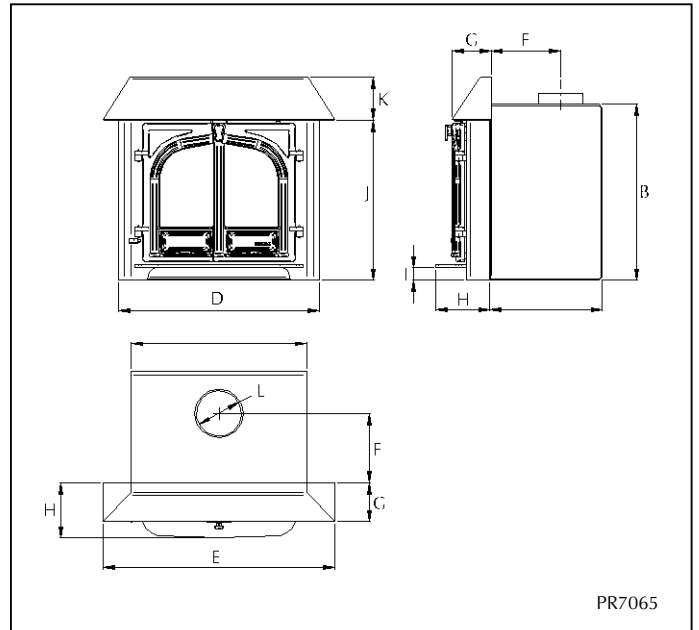
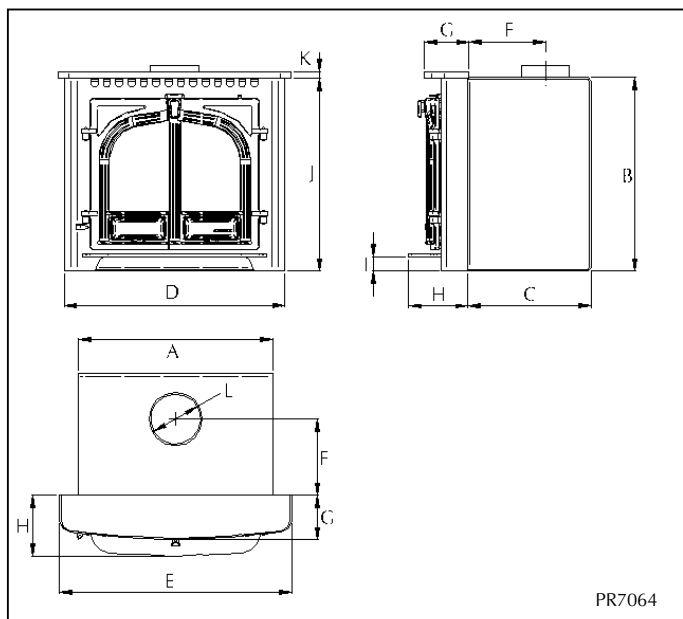
The Stockton inset convector should be fitted by a HETAS (GB only) registered installer, or approved by your local building control officer. Your Stovax dealer should be able to arrange this service for you.

Your building insurance company may also require you to inform them that you have installed a new heating appliance, so check with your insurers that your cover is still valid after installing the Stockton inset convector.

When completing this installation and building works you should comply with your responsibilities under the Health and Safety at Work Acts, and any new regulations, which may be introduced during the lifetime of these instructions.

A faulty installation could cause danger to the inhabitants and structure of the building.

DIMENSIONS

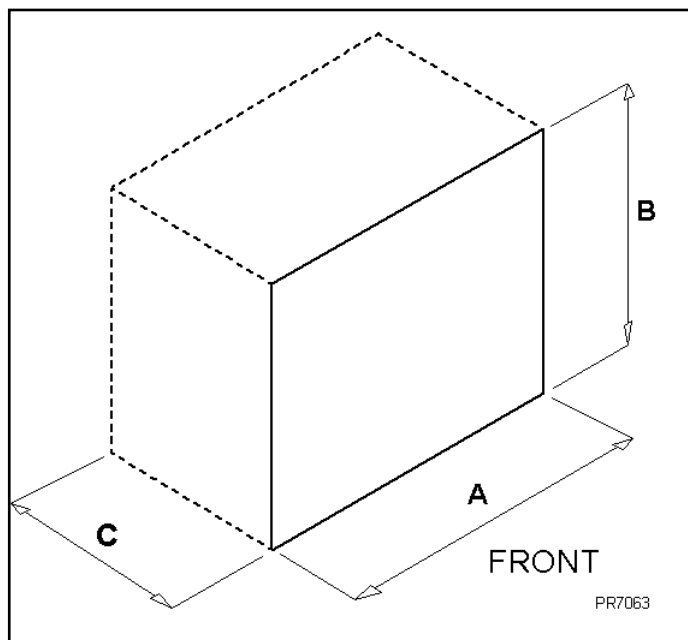


Dimension	Stockton 7 7125		Stockton 8 7126	
	Flat Top	Canopy	Flat Top	Canopy
A	400	400	550	550
B	535	535	550	550
C	345	345	350	350
D	489	489	627	627
E	529	509	660	724
F	220	220	216	216
G	120	114	126	120
H	150	150	164	164
I	40	40	40	40
J	532	490	547	500
K	20	113	20	135
L (dia)	128	128	128	128

All dimensions in mm.

SITE REQUIREMENTS

MINIMUM DIMENSIONS- BUILDERS OPENING



Dimension	A	B	C
Stockton 7	410	545	355
Stockton 8	560	560	360

BUILDERS OPENING

Because each opening is unique to the property, it is not possible to give full details of the construction. However the builders opening should be constructed from non-combustible materials which remain stable at high temperatures to comply with the requirements of local and national building regulations and be made using "best practice" construction methods. It is possible for the outer casing of the Stockton convector to reach temperatures 300°C and for flue to reach higher temperatures.

Remember that many fireplace openings will have a supporting lintel. Remove the covering plaster to identify the position of these before starting any constructive work. Do not remove constructional lintels without making provision to support the remaining structure of the building. The Stockton convector must not form any part of the supporting structure.

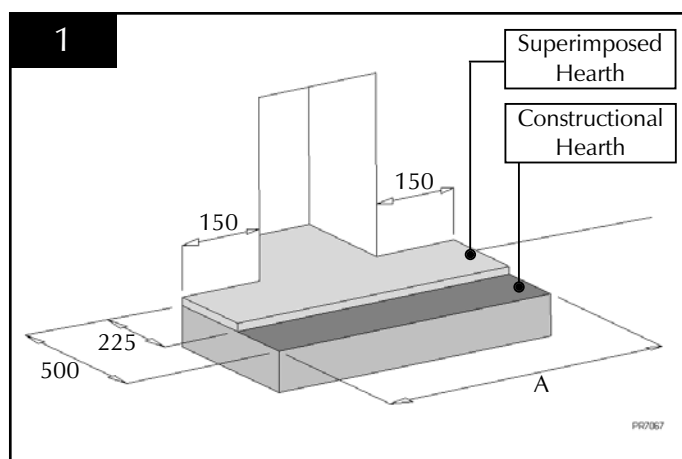
Should the finish of the chimney breast or the surrounding area be smooth plaster this should be fully dried before the Stockton convector is used, or cracking could occur.

Due to the high temperature of the convected air above the front of the stove we recommend that no valuable photographs, paintings, porcelain or other items are placed on the wall in this area. Such artifacts may be damaged by long term exposure to fluctuating temperatures.

If you are in any doubt about your ability to produce a safe opening contact your Stovax dealer for professional advice. Additional information covering the installation the Stockton convector may be found in the following British Standards:- BS6461, BS6999, BS8303.

MINIMUM DIMENSIONS - HEARTH

The appliance must stand on a constructional hearth with the minimum dimensions as shown in diagram 1. If it is to be fitted in a raised setting consideration may need to be given to extending the depth of the hearth to safely containing any falling logs or embers.



Dimension	A
Stockton 7	789
Stockton 8	927

If you are fitting the appliance into an existing hearth setting check that it complies with the current construction regulations and is the minimum sizes shown.

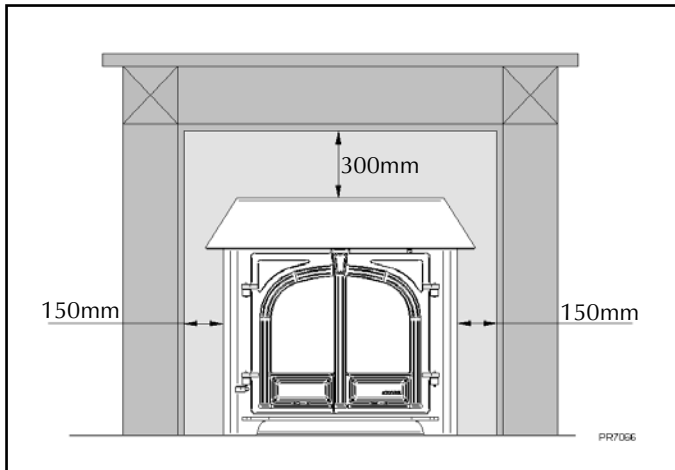
If you have no existing fireplace or chimney, it is possible to construct a suitable non-combustible housing and hearth setting. However this should be constructed to comply with the requirements of both current national and local regulations with the design approved by your local building control officer.

Remember that any new chimney added to your property may also require planning permission.

SITE REQUIREMENTS

FIRE SURROUND CLEARANCES

If the appliance is to be fitted with a fire surround, we would recommend the **minimum** clearances, as shown, are maintained, between any point of the appliance and any combustible material. Stovax produces a selection of surrounds and details can be obtained from your local supplier.



We cannot guarantee that some "non-Stovax", finishes will not discolour with heat and that some lower quality products will not distort, or crack, when in use.

All fire surrounds should be suitable for use with solid fuel heating products.

PRE-INSTALLATION CHECKS

It is important that adequate Ventilation exists and the Flue or Chimney system that is to be used is in good working condition. Products of combustion that enter the room could be a serious health risk. Before installation of this product we recommend that the Flue or Chimney system and Ventilation requirements are inspected by a competent person, and passed as suitable for use with the appliance to be fitted. In particular the following should be checked:-

1. FLUE OR CHIMNEY

- 1.1 The construction of the Flue or Chimney system should meet the requirements of the Building Regulations with sizes as listed:-

	Stockton 7 7125	Stockton 8 7126
Round	152mm(6")	152mm(6")
Square	135mm x 135mm (5 1/2" x 5 1/2")	135mm x 135mm (5 1/2" x 5 1/2")

A suitable approved factory made system may be used when installed to the manufacturers instructions. The maximum recommended flue size is 230mm (9") square.

- 1.2 The minimum height of the Flue or Chimney must be 4m (13') when measured from the hearth to the top of the flue, with no horizontal sections, and the minimum number of bends.
- 1.3 The flue exit from the building should be positioned to comply with the requirements of the Building Regulations.
- 1.4 The Flue or Chimney must be free from any obstruction of any kind.
- 1.5 The Flue or Chimney must be clean and sound. If it has previously been used with wood, coal, or solid fuel, it should be swept before use.
- 1.6 Ensure no other heating appliances are connected to the same Flue or Chimney system.
- 1.7 Check that the Flue or Chimney is structurally sound. In particular it should not be possible for products of combustion to come into contact with combustible materials in the structure of the building.
- 1.8 Check the flue draught. This should be done with all windows and doors closed and any extraction fans in this or adjoining rooms running at maximum speed. (See next section for additional ventilation requirements)

- 1.9 Note: A guide containing general information on Chimneys and Flues is obtainable from:-

The British Flue & Chimney Manufacturers' Association,
Henley Road,
Medmenham,
Marlow,
Bucks SL7 2ER
Tel:- 01491 578674 Fax:- 01491 575024
e-mail:-info@feta.co.uk

2. ADDITIONAL VENTILATION

- 2.1 Stoves with a rated output above 5kW will require **additional ventilation**, to comply with the requirements of the Building Regulations. This should be provided using a permanently open vent which is positioned so that it is not liable to be blocked, both inside and outside the building.

	Stockton 7 7125	Stockton 8 7126
Additional Ventilation	1100mm ²	1650mm ²

- 2.2 Extractor fans or cooker hoods should not be placed in the same room or space as the appliance.
- 2.3 **If any of these checks reveal problems do not proceed with the fitting of the appliance until they have been rectified.**

INSTALLATION INSTRUCTIONS

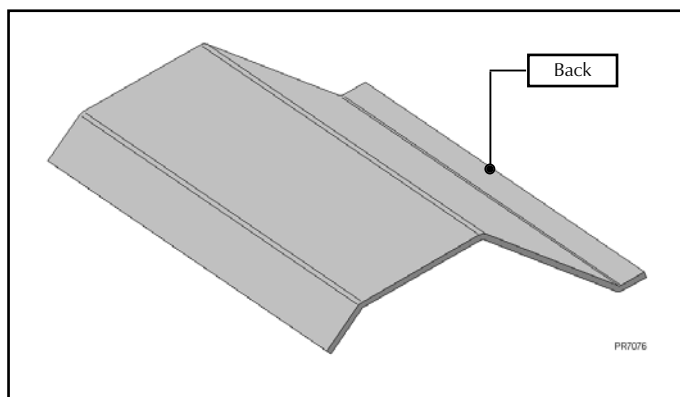
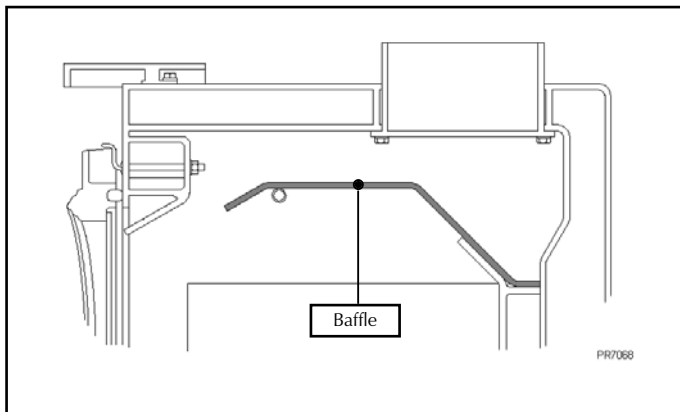
To make the fitting of the appliance easier, gain better access to the flue connection and protect paintwork from damage, remove the internal components, and door.

1. DOOR REMOVAL

- 1.1 Remove the door from the appliance, by opening lifting free of the hinge blocks on the side of the door. Then lie the door face down on a soft flat surface, to protect the paintwork and glass.
- 1.2 The replacement is the reverse of the previous operations.

2. BAFFLE REMOVAL

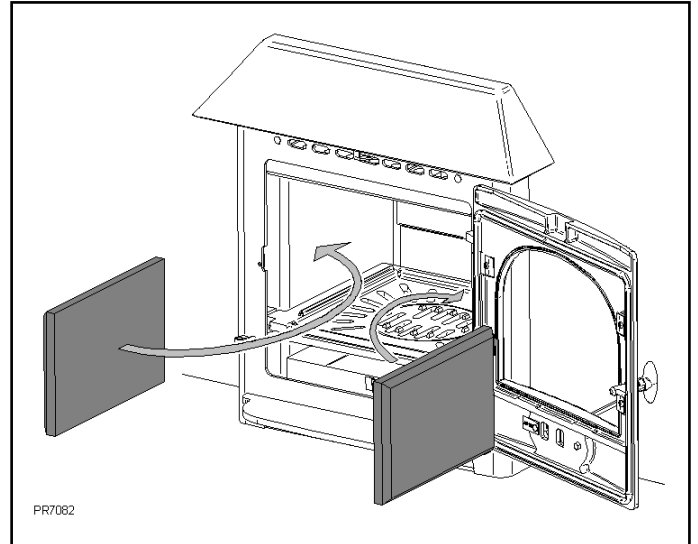
- 2.1 The appliance is fitted with an internal baffle system.
- 2.2 To remove the baffle system, first remove the Log Guard from the appliance to give access to the fire box.



- 2.3 Remove the baffle by pulling forward to disengage it from the hanging points at the top of the firebox. Rotate the baffle to remove from the firebox through the door opening.
- 2.4 The replacement of the system is the reverse of the previous operations.

3. BRICK REMOVAL

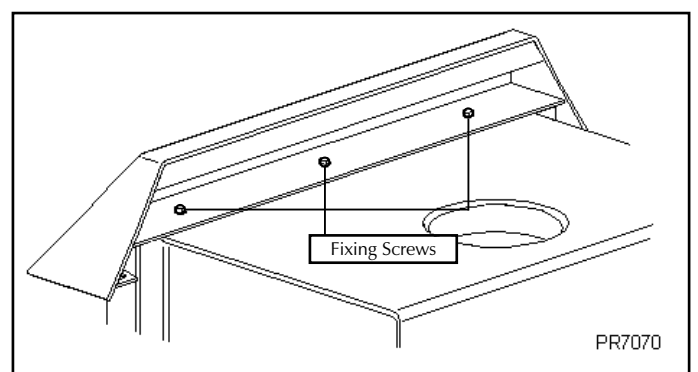
- 3.1 The bricks must be removed and replaced in the correct order as shown, after removing the baffle system. *No tools are required.*



- 3.2 Replace the bricks in the reverse order from removal.

4. INSTALLING THE APPLIANCE

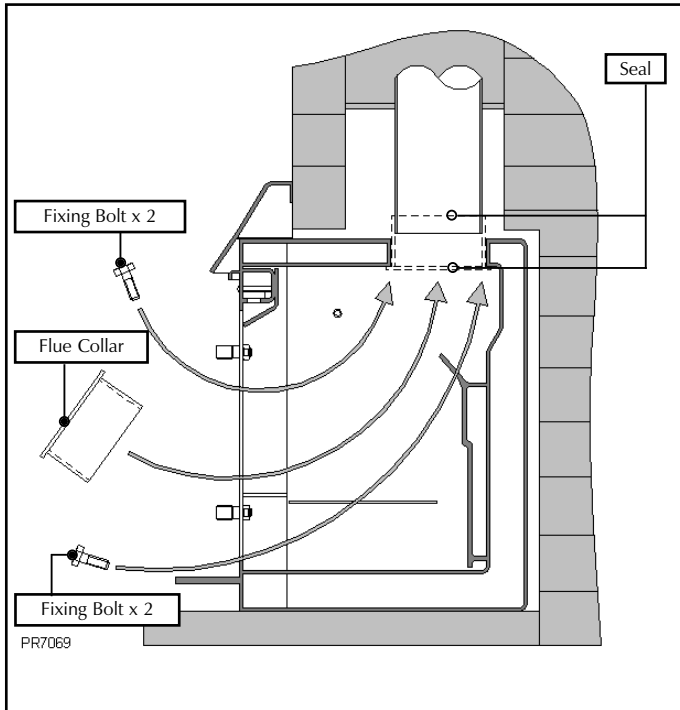
- 4.1 Fit the required top option, flat or canopy, and secure into position with the fixing bolts.



- 4.2 Slide the appliance into the opening, taking care not to damage the hearth.
- 4.3 If there is a void at the back of side of the box this may be filled with 6:1 vermiculite/cement mix or any other good quality non-combustible insulation material. It is important that the back and sides of the box are well insulated.

INSTALLATION INSTRUCTIONS

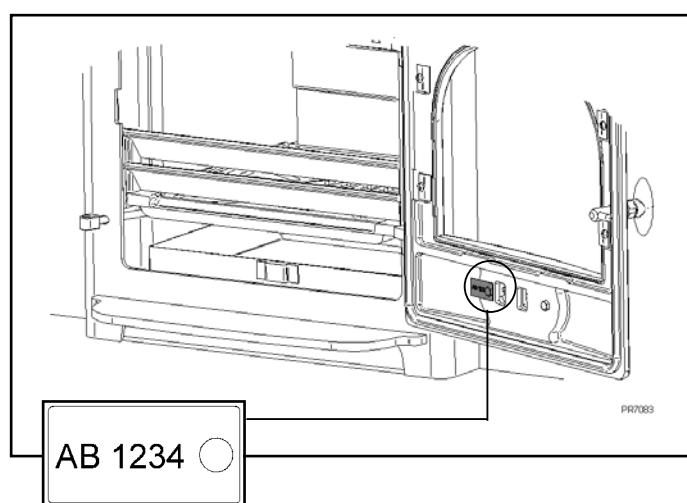
- 4.4 Connect the flue liner to the Stockton convector by inserting the flue spigot from inside the Stockton convector and sliding the flue pipe or liner inside of the spigot. Ensure that the flue is sealed to the spigot using fire cement. Also that the spigot is sealed to the inside of the Stockton convector using fire cement.



- 4.5 Should the Stockton convector be installed on an unlined, masonry flue first fit a non-combustible closure/register plate to locate first section of single wall fluepipe from the Stockton convector to the old system. Then make the collection as with a flue liner system. Do not connect the system into large voids that could exist in older chimney systems. If this is the case consider using a flue lining system to improve the Stockton convector operation.

COMMISSIONING

- 1.1 Replace the firegrate, firebricks, baffles, log retainer, and door(s). Check the door alignment and catch operation, adjust if required as detailed on page xx of the User Instructions. Inspect the door seals for damage and check the operation of air controls.
- 1.2 Carry out a final smoke draw test on the installed Stockton convector, by first warming the flue with a blowlamp, or similar, for about 10 minutes. Then place a smoke pellet on the centre of the grate, with the air controls open, and close the door. Smoke should now be drawn up the flue and be seen to exit the flue terminal. This test should be completed with all doors and windows in the room where the stockton convector is fitted closed. Should this test fail the suitability of the flue system should be re-checked.
- 1.3 Light the appliance and gently allow the temperature to increase slowly to operating levels. Check that no combustion products are entering the room.
- 1.4 When the Stockton convector has reached a steady operating condition open the main firedoor and carry out a spillage test with a smoke match or pellet around the door opening. If excessive spillage does occur allow the appliance to cool and re-check the suitability of the flue system.
- 1.5 Explain the safe operation of the appliance and the use of the controls to the user, along with the need to only use suitable fuels. Also explain the cleaning and routine maintenance requirements.
- 1.6 Explain the requirements to use a suitable fireguard when children, elderly or infirm persons may be near the appliance.
- 1.7 **Record dealer/supplier details and installer details in user instructions.**



- 1.8 **Record serial number in user instructions.**
This number will be required when ordering spare parts and making warranty claims.
- 1.9 **Give the copy of the user instructions to the customer.**

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