



ROSEDALE SMOKE CONTROL STOVE **INSTALLATION AND USER INSTRUCTIONS**

Read these instructions carefully before installation and use.
These instructions should be retained by the user for future reference.

The Rosedale SC stove has a nominal heat output of 7.5kW. and a weight of 90 kg. The flue gas mass flow is 5.8 g/s for mineral fuel and 5.4 g/s for wood logs. The mean flue gas temperature directly downstream of the flue spigot at nominal heat output is 338 degrees C. The Rosedale SC has been approved by Hetas Ltd. as a closed appliance and is capable of intermittent operation.

CO Alarms:-Building regulations require that whenever a new or replacement fixed solid fuel or wood/biomass appliance is installed in a dwelling a carbon monoxide alarm must be fitted in the same room as the appliance. Further guidance on the installation of the carbon monoxide alarm is available in BS EN 50292:2002 and from the alarm manufacturer's instructions.

Provision of an alarm must not be considered a substitute for either installing the appliance correctly or ensuring regular servicing and maintenance of the appliance and chimney system.

WARNING

The stove must be installed to comply with Health and Safety at Work Act 1974 to British Standard BS 8303 and to all local Building Regulations, including those referring to National and European standards. These need to be complied with when installing the appliance.

Ensure that the flue pipe diameter is not less than the 150mm diameter outlet on the appliance.

There must not be an extractor fan fitted in the same room as the Rosedale SC.

If there is a possibility of disturbing asbestos during the installation it is necessary to take the appropriate steps to protect the installer. Fire cement is caustic and protective gloves should be worn.

The chimney must be swept and examined for soundness and suitability before the stove is installed. Remedial action should be taken if required, seeking expert advice if necessary. Where the chimney is believed to have previously served an open fire installation, it is possible that the higher flue gas temperature from a closed appliance may loosen deposits

that were previously firmly adhered, with the consequent risk of flue blockage. It is therefore recommended that the chimney be swept a second time within a month of regular use after installation.

UNPACK THE STOVE

Carefully cut the straps and lift the box up over the top of the stove. Remove the packing from round the outside of the stove, **leaving the plastic cover on if building work is still in progress, it is important to protect the paint finish from any damage, water, dust or fire cement.** Using a 17mm spanner, remove the two bolts attaching the stove to the pallet, then replace the bolts into the stove legs, these are used as levelling bolts if required. Open the stove door and remove the packaging from inside the stove, there is some behind the baffle, and the heavy one inside the stove contains the spigot and blank for the flue outlets. Remove the bag inside the ashpan this contains the operating tool, instructions, a stove handle cover and pair of stove gloves.

CLEARANCES

The Rosedae needs to be sited next to and on a non-combustible surface. A minimum clearance of 150mm at the sides, 300mm above and 50mm from the back of the stove body will allow air circulation and not impede the performance of the stove. If it is necessary to site the stove near a combustible surface a minimum of 850 mm at the back, and 550 mm at the sides must be maintained. It is a requirement that this appliance is installed on a solid, level, non-combustible hearth conforming to current Building Regulations. The Rosedale Smoke Control has been tested for hearth temperatures and the maximum temperature was 76.9 degrees so also is suitable for a 12mm hearth.

37mm x 37mm

INSTALLATION

A minimum flue draught of 20 Pa is required for nominal heat output. The Appliance must be installed on a floor with an adequate load-bearing capacity. If an existing construction doesn't meet the prerequisite, suitable measures (e.g. load distributing plate) shall be taken to achieve it. As referred to in document J in the Building Regulations, the Rosedale SC requires 1375 sq mm of fixed ventilation (this equals ventilation of approximately 37mm x 37mm - see above example). It is important that any inlet grilles are so positioned that they are not liable to blockage. It is essential that the stove has adequate air supply for combustion and ventilation. Apertures provided for this purpose shall not be restricted.

If the stove is to be fitted with a top flue, fit the collar on the top of the stove and the blanking plate on the rear. Or the other way round if the flue is to be fitted from the rear of the stove (see figure 1). A flat-bladed screw driver and 8mm spanner will be required. The Rosedale SC requires a Class 1 chimney of it's own, a shared chimney will not be suitable. The chimney must be sound, free from leaks and swept before installation. If the chimney requires lining, a lining must be used which is suitable for wood and solid fuel, with a minimum of 150mm internal diameter. A metre of flue pipe should be used from the stove before the chimney lining, and the lining must be installed to manufacturers instructions. Alternatively, if there is no chimney, then an insulated stainless steel flue may be used, to BS EN 15287 – 1: 2007 + A1:2010 with a minimum of 150mm internal diameter, and must be installed to manufacturers instructions and to relevant Building Regulations. The length of the chimney or flue must be at least 4.5 metres from the top of the stove, and must finish in a down draught free area. A stove must not be installed into a room where there is an extractor fan, or fumes could be pulled down the chimney.

It is essential to provide a facility for sweeping the chimney, and this may be done by installing a soot door in the brickwork, or providing an access plate in the register plate or flue pipe. When the flue is fitted from the top of the stove, the baffle can be removed to sweep up through the stove.

To connect the flue pipe to an existing chimney, a register plate is required, preferably made of metal. A collar is welded to the underside of the register plate so that the flue pipe can be placed into the spigot on top/rear of the stove and round the outside of the collar on the register plate, so forming a 'funnel' effect. In this way, any moisture running down the chimney will be directed back into the stove instead of seeping out onto the top of the stove.

Connect the stove to the chimney using vitreous enamelled flue pipe, either from the top of the stove, or from the rear. Horizontal flue must be kept to a minimum, no more than 150mm is allowed. Make sure that all joints and connections are well sealed.

When installation is complete, allow a suitable time for fire cement and mortar to dry, light a fire and make sure all joints are sealed. The stove is painted with a high temperature paint finish. The paint will be cured when most surfaces have reached about 246 degrees C. During this burn off period you will notice an unpleasant smell; you should not touch or wipe the paint during this period as it will be soft and may mark. The room should be well ventilated, children and pets should be kept away. Do not use water to clean the stove, either before or after it is cured.

LIGHTING THE STOVE

When ready to light the stove for the first time, make sure that everything is removed from the ash pan. Place firelighters or paper and approximately 1.5 kg of dry kindling onto the stove grate. Fully open both the primary and secondary air controls. Once lit, leave the door slightly open for a period of 4 to 5 minutes or, until the fire has become well established. At this stage slightly larger logs can be added and the firebox door closed.

When these are burning well the primary air slider (on the front of the stove) can be closed leaving the secondary air spin wheels fully open. Once a good bed of glowing embers has formed a normal load of approximately 2 to 3 kgs of wood logs can be added. A stove handle cover is included with the stove – place the black cover over the handle when opening and closing the door, then remove and leave near the stove.

In the presence of children, elderly or infirm people a fireguard should be used. The fireguard should be manufactured in accordance with BS 8423:2002 – Fireguards for use with solid fuel appliances.

User warning - parts become very hot while the stove is running so should not be touched with bare hands. The special operating tool, stove handle cover and a pair of gloves are provided for operation of the hot stove.

TO RE-FUEL THE STOVE

When re-fuelling the stove always open the firebox door gently, this will equalise the firebox pressure and avoid any smoke escaping into the room. Place the new refuel charge onto a hot bed of glowing embers, fully open the primary and secondary air controls for a period of approximately 2 minutes or, until the refuel charge is burning well. At this stage the primary air control slider can be closed and secondary air spin wheels adjusted to the desired setting.

Note :

- Never overfill the firebox with fuel.
- Always ensure the fire is burning well before closing the air controls to the desired settings.
- Never operate the stove for long periods with the primary air control fully open.
- Always refuel onto a hot bed of glowing embers.

AIR CONTROLS

Primary air is controlled by a lever located at the front of the stove. When pushed back the air supply is in the fully closed position. Sliding the control lever forward opens up the air supply.

Secondary air (the main air supply when burning wood) is controlled by two rotary spin wheels located at the top of the stove, one on each side. In order to maintain a clean burn the two controls have been fitted with a limit stop and cannot be fully closed down.

Tertiary air is controlled by a swivel plate located at the rear, left hand side of the stove. This too has been fitted with a limit stop, which should be closed to the stop position during normal operation.

FUELS

This appliance has been tested and approved for using seasoned wood logs in a smoke control area and HETAS approved smokeless fuels. The logs need to be dry seasoned logs, i.e. no more than 20% moisture content, maximum log length up to 380mm. The Rosedale SC stove is only exempt for use in a smoke control area if it is burning clean, dry, (no more than 20% moisture) and seasoned logs of maximum length 380mm. No fuel that contains halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings must be burnt in the appliance. Small pieces of kiln dried timber can burn very hot, take care the fire does not get out of control.

WARNING – USING A NON APPROVED FUEL MAY CAUSE DAMAGE TO THE STOVE AND WILL NOT BE COVERED BY OUR GUARANTEE. WOOD NEEDS TO BE DRY AND SEASONED (MAXIMUM 20% MOISTURE CONTENT) DO NOT BURN ANY LIQUID FUEL. DO NOT BURN WOOD PELLETS. DO NOT BURN WOOD CHIPS. DO NOT BURN ANY RUBBISH ON THE STOVE. DO NOT USE HOUSEHOLD COAL, HIGH PETROLEUM BASED FUELS, PETROCOKE, COSY COKE, EXCEL, PUREHEAT, NEWHEAT, BURNWELL OR ANTHRACITE. (A COMPREHENSIVE LIST OF APPROVED FUELS FOR CLOSED APPLIANCES IS AVAILABLE ON THE HETAS WEBSITE)

Suitable manufactured smokeless fuels approved by Hetas for use in closed stoves include Homefire Ovals, Phurnacite, Taybrite, Multiheat, Ancit, Briteheat and Ecoal 50.

CLEANING THE STOVE AND FLUE

The riddling knob to shake the ashes through is on the front of the stove, left hand side near the bottom corner of the door. Using the tool, or a stove glove, pull the lever in and out to rotate the grate and shake the ashes into the ash pan. It is important to remove the ashes regularly, if the ash builds up through the grate, the grate could overheat and distort.

Open the fire door with the stove glove provided, and, using the tool, gently pull out the ashpan a little way. Then remove the tool and slot it in from the top of the slot in the middle of the ashpan. The tool will then have a firm grip on the ashpan. Carefully carry the ashes out to dispose of them, or use a 'Tippy' or similar ash carrier.

When the stove is being used regularly, it will be necessary to remove the baffle once a year to clean any debris that may have collected there. The chimney/flue should be swept and checked every year. The glass on the stove door can be cleaned (better when the glass is cool), using a damp cloth, or sponge pan scrubber for any stubborn marks. Stove glass cleaner may be used if required.

The body of the stove can be brushed with a soft brush, do not use water on the paint work. If, in time, the body of the stove needs touching up, a touch-up aerosol of paint, the same as originally used in the factory, can be obtained from your supplier.

Warning – do not use an aerosol spray near the stove when the stove is alight.

This appliance should be regularly maintained by a competent service engineer. There must be no unauthorised modification of the appliance. Any replacement parts must be recommended by the Manufacturer.

If the stove is to be left unused for a prolonged period of time then it should be given a thorough clean to remove ash and unburned fuel residues. To enable a good flow of air through the appliance to reduce condensation and subsequent damage, leave the air controls fully open.

It is important that the flue connection, any appliance baffles or throat plates and the chimney are swept prior to lighting up after a prolonged shutdown period.

TROUBLE SHOOTING

1. The stove is not burning well.

The stove may need more fuel loading - load more fuel, see 'lighting the stove'
The chimney may need sweeping, or there may be a build up of debris above the baffle - see 'Cleaning the Stove and Flue'
There may not be the required flue draught in the chimney/flue. In this case a longer chimney pot may help, or there may be a blockage in the flue.

2. Smoke is coming into the room.

There may be down draught conditions, see paragraph 1 of 'Lighting the Stove'. If it is not possible to stop the down draught by warming the flue as described, it is advisable to leave the stove unlit and test conditions later.

3. The stove is burning too hot.

Make sure the stove door is closed properly, and check that all spin wheels are closed. Check the rope seal on the door. If this needs replacing, ceramic rope and heatproof adhesive can be obtained from your supplier.

WARNING NOTE

Properly installed, operated and maintained this stove will not emit fumes into the dwelling. Occasional fumes from de-ashing and re-fuelling may occur. However, persistent fume emission is potentially dangerous and must not be tolerated.

If fume emission does persist, then the following immediate action should be taken:-

- (a) Open doors and windows to ventilate the room and then leave the premises.
- (b) Let the fire go out.
- (c) Check for flue or chimney blockage and clean if required.
- (d) Do not attempt to relight the fire until the cause of the fume emission has been identified and corrected. If necessary seek expert advice.

The most common cause of fume emission is flueway or chimney blockage. For your own safety these must be kept clean at all times.

IN CASE OF A CHIMNEY FIRE –

CLOSE ALL AIR VENTS IF POSSIBLE.

MAKE SURE THERE IS NOTHING COMBUSTIBLE NEAR THE STOVE.

MOVE PEOPLE AWAY FROM THE ROOM.

CLOSE THE ROOM DOOR

PHONE THE FIRE BRIGADE

COMMISSIONING AND HANDOVER INSTRUCTIONS

Ensure all parts are fitted in accordance with the instructions.

On completion of the installation allow a suitable period of time for any fire cement and mortar to dry out, before lighting the stove.

Once the stove is under fire check all seals for soundness and check that the flue is functioning correctly and that all products of combustion are vented safely to atmosphere via the chimney terminal.

On completion of the installation and commissioning ensure that the operating instructions for the stove are left with the customer.

Ensure to advise the customer on the correct use of the appliance and operating tools and warn them to use only the recommended fuel for the stoves.

Advise the user what to do should smoke or fumes be emitted from the stove.

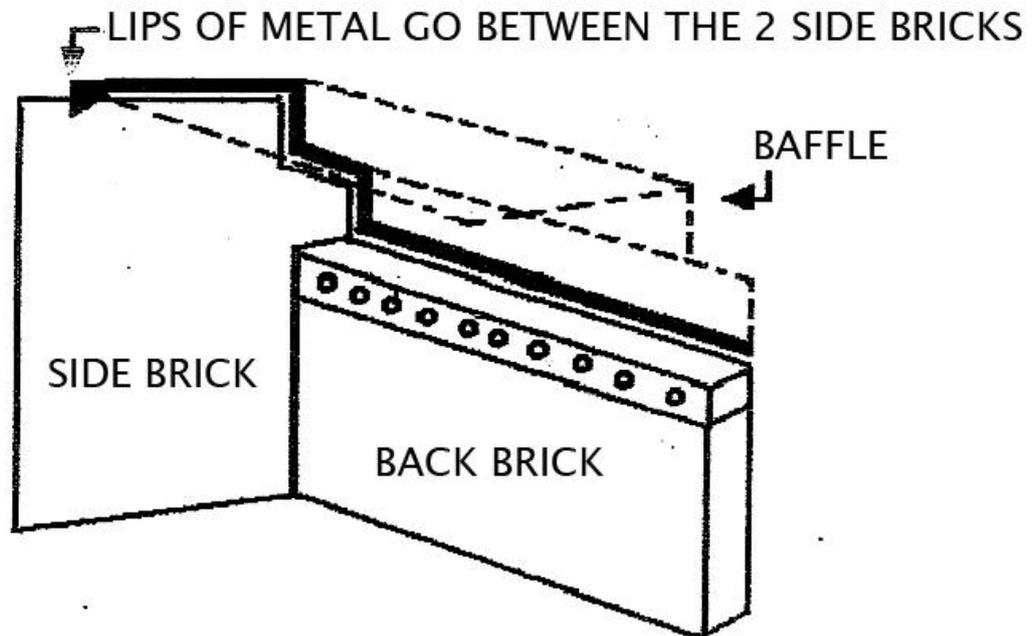
The customer should be warned to use a fireguard to BS8423:2002 in the presence of children, elderly and / or infirm persons.

Issue No. 03 Dated 30/08/2017

Product Fiche	
Commission Delegated Regulation (EU) 2015/1187	
Energy Labelling of Local Space Heaters	
Supplier`s Name or Trademark:	Town & Country Fires
Suppliers Model Identifier:	Rosedale / Rosedale SC
Energy Efficiency Class of Model:	A
Nominal Heat Output to Room (kW):	7.7
Nominal Heat Output to Water (kW):	n/a
Net Efficiency (%):	77.4
Energy Efficiency Index (%):	102

town & country fires

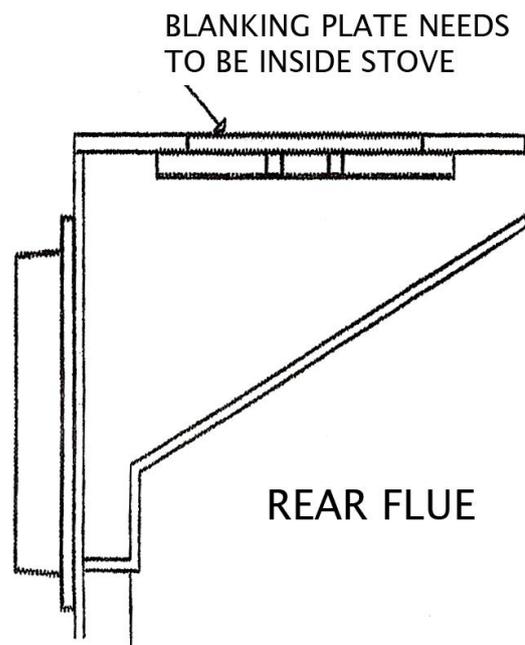
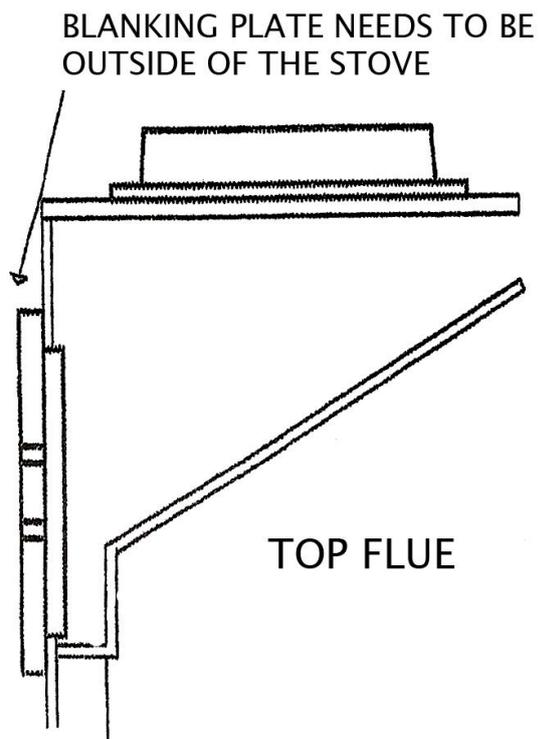
BAFFLE POSITIONING DIAGRAM



WHEN PUTTING THE BAFFLE INTO THE STOVE TAKE THE CASTLE OUT. THEN REMOVE THE RIGHT HAND SIDE BRICK

THEN PUT THE BAFFLE INTO POSITION. NEXT REPLACE THE SIDE BRICK AND FINALLY THE CASTLE.

town & country fires





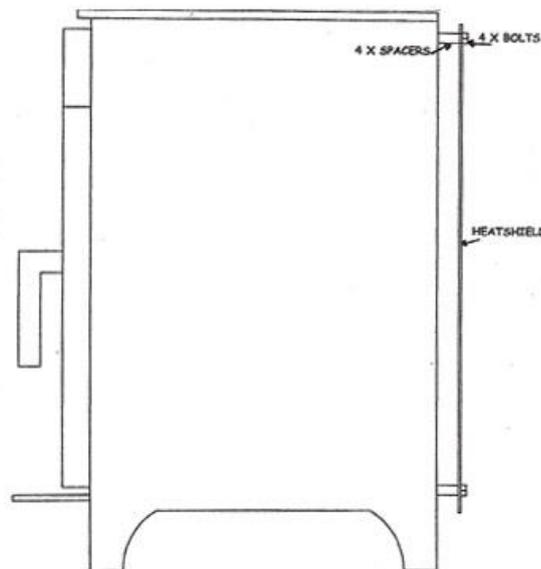
HEATSHIELD FITTING INSTRUCTIONS

Contents : 4 - M6 x 30 bolts (in back of stove) .
1 - Heat shield (packed in front of stove door)
4 - Spacers (in bag in ash pan)

Before installing heat shield, ensure that the flue collar and blanking plate are fitted on the stove correctly.

Remove the 4 bolts from the back of the stove and attach the heat shield using the 4 spacers as diagram.

If the stove is to be fitted with a rear flue, the flue hole in the heat shield will need to be broken out by spinning the disc from side to side.



The Town and Country Fires Guarantee

Town and Country Fires Ltd guarantee the quality of workmanship of their multi fuel stoves for twelve months from the date of purchase.

Stoves must be installed to current Building Regulations, National and European Standards and per our Installation / User instructions supplied with the stove. Installation must be carried out by a competent installer.

Using a non approved fuel may cause damage to the stove and will not be covered by our guarantee, Wood needs to be dry and seasoned (maximum 20% moisture content. Do not use household coal, petroleum based fuels, Petrocoke,Cozycoke,Excell Burnwell and Anthracite. (A comprehensive list of approved fuels for closed appliances is available on the HETAS website).

Usage of our multi fuel stoves should be as per our Installation / User Instructions provided with the stove.

Any warranty claim requires Proof of defective workmanship and delivery of the defective product to our factory within twelve months of the date of purchase.

Parts which are classed as consumables and are excluded from our Guarantee include;

Grates, Fire Bricks, Baffles, Fuel Guards, Ash Pan, Glass, Door / Glass Seals and Paint.

Claims under this guarantee should be made through the Approved Town and Country Dealer the appliance was originally purchased from.

Please complete the enclosed form in full to validate your guarantee, and extend the guarantee from one year to ten years. Please note the extended guarantee is only valid when your stove was purchased from a Local Approved Town and Country Dealer and not a third party reseller.

Town and Country Fires are not liable for any incidental loss, damage or injury, however caused.

This Guarantee is only applicable in the UK.

This Guarantee does not affect your statutory rights.

Please keep this page for your future reference.

Issue No. 01 01/03/2010