

## The Clean Air Act 1993 and Smoke Control Areas

Under the Clean Air Act local authorities may declare the whole or part of the district of the authority to be a smoke control area. It is an offence to emit smoke from a chimney of a building, from a furnace or from any fixed boiler if located in a designated smoke control area. It is also an offence to acquire an 'unauthorised fuel' for use within a smoke control area unless it is used in an 'exempt' appliance ('exempted' from the controls which generally apply in the smoke control area).

In England, appliances are exempted by publication on a list by the Secretary of State in accordance with changes made to sections 20 and 21 of the Clean Air Act 1993 by section 15 of the Deregulation Act 2015. Similarly in Scotland, appliances are exempted by publication on a list by Scottish Ministers under section 50 of the Regulatory Reform (Scotland) Act 2014.

In Wales and Northern Ireland these are authorised by regulations made by Welsh Ministers and by the Department of the Environment respectively.

Further information on the requirements of the Clean Air Act can be found at [www.gov.uk/smoke-control-area-rules](http://www.gov.uk/smoke-control-area-rules)

Your local authority is responsible for implementing the Clean Air Act 1993 including designation and supervision of smoke control areas and you can contact them for details of Clean Air Act requirements.



## Woolly Mammoth Stoves...

Congratulations on your purchase and welcome to the new generation of stoves, conceived and designed exclusively for the UK market.

This versatile collection of elegant Woolly Mammoth stoves bring the comforting glow of a real fire into your home in a modern, controllable and highly efficient way, offering ultimate controllability from every model via adjustable primary and secondary air intakes, a tertiary air supply for complete combustion of fuel and intuitive air wash systems fitted across the range as standard

## ...the evolution of fire



## Warnings

Woolly Mammoth stoves are designed to burn wood or solid fuels only

Due care must be taken when the stove is in operation as all external surfaces will become hot

All local, national and European standards must be complied with when installing any stove

It is a legal requirement that the installation of a heating appliance is undertaken by a registered member of a government approved competent persons scheme and under building control approval from your local authority. Failure to do so will void the *Mammoth 5 Year warranty PLUS*

Incorrectly installed heating appliances can cause damage to property, the emission of harmful levels of carbon monoxide and impact the terms of your home insurance

It is common to experience excess fumes from the stove and/or paint upon initial lighting

Protective clothing must be worn when handling sealants, rope seals, glass, adhesive & insulation

This stove must not be installed into a chimney shared with another heating appliance

## Installer Information

(Please complete for your records)

## Register Your Mammoth 5yr Warranty PLUS

(Please complete and return to supplier purchased from – You will not be able to claim under the terms of the warranty without registering)

Name

Address

Telephone Number

Email Address

Woolly Mammoth 5 / 6 / 7 / 7XL (delete as applicable)

Date of Purchase

Name & Address of Supplier

Dealer Details

## Technical Specification

Model	Output	Dimensions Overall	Distance to Combustibles (mm)	Efficiency	Fuel	Outlet Size	Outlet Location
5	4.9kw	H450 x W370 x D440	Rear: 700 Sides: 700	79.4%	Multifuel	125mm	Top & Rear
7	6.9kw	H550 x W590 x D410	Rear: 900 Sides: 900	76.1%	Multifuel	125mm	Top & Rear
6	6kw	H1048 x W518 x D500	Rear: 200 Sides: 300	78%	Wood	150mm	Top
7 XL	7kw	H1360 x W555 x D555	Rear: 200 Sides: 300	79%	Wood	150mm	Top

## Before Installing Your Woolly Mammoth Stove

Suitable ventilation must be provided for the installation of your Woolly Mammoth stove for safe, efficient operation and compliance with approved document J of the building regulations. Air vents must remain open at all times, and be free of any obstructions. Extractor fans must not be present in the same room as a heating appliance. Please refer to the building regulations for minimum air vent sizes for your stove's output.

Woolly Mammoth stoves must be installed on constructional hearths of non-combustible material of at least 125mm depth, extending at least 150mm out from the stove either side and 300mm to the front.

Pre-existing chimneys must be in good condition and lined with a minimum 150mm internal diameter flexible chimney liner. If a chimney does not exist, a suitable insulated twin wall flue system must be connected to the appliance again with a minimum 150mm internal diameter. All flue installations must be undertaken by a registered member of a government approved competent persons scheme and under building control approval from your local authority. Failure to do so will void the *Mammoth 5 Year warranty PLUS*.

**Chimney draw must be within specification for this stove to operate. With the chimney warm this must be between 1-2mm water gauge. Anything higher requires a draught stabiliser to prevent over firing.**

Upon receipt of your stove, please ensure all insulating fire bricks are in position to the sides and rear of the fire box and the baffle plate is secured in position as these may have become misplaced during transit. The outlet collar and blanking plate are supplied with screws for securely fixing to the top and rear outlets (Woolly Mammoth 5 and 7 only).

Please check all components of your Woolly Mammoth stove are in good working condition prior to an initial burn. Your stove has adjustable primary and secondary air intakes above and beside the door, an externally controlled riddling grate and door mechanism.

## Lighting Your Woolly Mammoth Stove

Your new Woolly Mammoth stove is fitted as standard with an adjustable primary air intake controlled by the slider at the base of the model, an adjustable secondary air intake positioned to the side at the top of the burner (which also controls the airwash system) and a pre-adjusted tertiary air intake for complete combustion of all fuels. The air supplied via the primary air intake is drawn from the front of the stove and the air supplied via the secondary air intake, air wash system and tertiary air is drawn from the rear of the stove. Air is drawn into the rear of the stove and heated along the entire depth of the fire box to create an effective air wash system for crystal clear glass.

1. Check that both the primary and secondary air intakes are in the open position
2. Build a bed of fuel consisting of crumpled newspaper and a pyramid of kindling
3. Light the newspaper and add larger logs as the kindling starts to burn
4. You may need to leave the stove door open a jar to provide sufficient air at first
5. Once the fire is established, control the burn using the appropriate air intake. Wood requires an air supply from above for secondary combustion and is controlled by the secondary air intake whereas coal requires this from below using the primary air intake
6. Allow for a small build-up of ash when burning wood to insulate the fire box sufficiently or to remove any unwanted ash build up, simply operate the externally controlled riddling grate.
7. To extinguish the fire, close the primary air intake fully and then the secondary. Do not completely close all air intakes at once to allow the fuel to efficiently burn out. Once extinguished, close all air intakes and dampers completely
8. It is advised to light a number of small fires to 'bed in' your new stove and ensure the longevity of the metal construction and any coatings. You must avoid over firing.

## Over Firing

Over firing any stove is dangerous and means the stove is being used beyond its capacity. If the burner or connections glow red, the appliance is being over fired and will void your warranty.

## Under Firing

When fuel is burnt slowly it will produce higher levels of moisture, tar and creosote which will create condensation and deposits in the chimney. If you are to burn your Woolly Mammoth stove at a reduced rate, it must be combined with periods of fast burning.

## Ash Removal

The supplied ash pan must be emptied regularly and never allowed to build up to touch the underside of the grate.

But we don't stop there as in an industry first, every single Woolly Mammoth stove will be supplied with a 5yr supply of door rope seals as it is recommended to replace these annually.

As much as we would like to, we cannot guarantee Woolly Mammoth stoves against misuse or general wear and tear and the following components are not covered by this warranty (not exhaustive):

- Grate Assembly
- Log Retainer
- Operational Handles
- Baffle Plate
- Ash Tray
- Insulating Fire Bricks

Or any damage resulting from:

- Misuse
- Transit of the stove
- Issues with the chimney / flue
- Over firing
- Wrong fuel
- Modifications

Woolly Mammoth stoves are covered for a period of 5yrs from date of purchase. We will provide like for like components (only) free of charge **excluding any installation or consequential loss or costs.** The *Mammoth Warranty PLUS* is only valid if installed in accordance with all information contained within the User Manual, complies with all current building regulations and signed off by a member of the Competent Persons Scheme or Local Building Control Body. Products must be installed for their intended purpose only. A warranty form must be completed and returned to the supplier of the stove to register the warranty.

Performance certificates, flue draught readings and registration details of qualified installer used will be requested upon any claim under this warranty and failure to complete all information requested within the warranty form will render any warranty claim void. All installer details and Hetas registration numbers will be investigated and verified upon receipt of the completed form before a warranty is actioned.

### Smoke Leaks From The Stove

If the chimney system has been installed in line with current building regulations by a registered installer, this will always provide the required draw to remove all harmful gases and smoke from the fire box. If smoke is emitted from the stove, please refer to your chimney installer. Is the system at least 4.5m? Make sure there are no horizontal runs greater than 150mm. Is the chimney blocked? Are there strong winds pushing the smoke back down the chimney? Is the flue diameter correctly sized? Are air vents open?

### Glass Blackens Quickly

The airwash system fitted as standard in a Woolly Mammoth stove utilises the most effective system of warming the air along the entire length of the fire box before jetting it down behind the glass. Increasing the heat and opening the secondary air intake will clear the glass.

### The Stove or Door Has Warped

This is due to over firing of the stove beyond its capacity. You must start with small fires over the course of a few days to 'bed in' the stove before taking it to maximum output. Woolly Mammoth warranty plus does not cover against warping due to over firing.

### No Heat is Being Omitted

Hot air rises and will be lost up the chimney if this is not suitably capped off with a Chimney Closure Plate (Register Plate) and sealed with a heat resistant cement or silicone. Is your chimney over drawing and burning through fuel too quickly? Does your wood fuel have less than 20% moisture content? Is the baffle plate sited correctly? Open the stove door and listen for wind up the chimney. If this is the case, install a draught stabiliser or damper to prevent this.

## 5yr Mammoth Warranty *PLUS*

Your brand new Woolly Mammoth stove has been lovingly crafted and built to last and will be your companion for life if cared for and maintained correctly. However, in the extremely unlikely event of a manufacturing fault slipping past quality control, rest assured we have got you covered with our unrivalled *5yr Mammoth Warranty PLUS!*

It may be the industry standard to solely guarantee the body of a stove but we understand that the safe, efficient, ongoing operation of your Woolly Mammoth stove involves much more. That is why guaranteeing the body of your stove is only the starting point with the *5yr Mammoth Warranty PLUS*. For complete peace of mind, we will also guarantee the door for 5 years and manufacturing faults in the viewing glass for 1 year.

## Fuel Guide

**We recommend the use of sustainably sourced British hardwood for Woolly Mammoth stoves.**

Wood fuel naturally has high water content and is not suitable for combustion until seasoned for approximately two years to achieve a moisture level below 20%. Only then can this be used in your Woolly Mammoth stove. Wood fuel purchased from an approved source may still require some drying out to remove surface water before use.

High density hardwood has a slow, steady output producing twice the heat of softwood and is carbon neutral. For perfect fuel storage, please allow for plenty of air to circulate your wood fuel.

**Wood fuel with water content greater than 20% ('green wood') must not be used for combustion in a Woolly Mammoth stove.**

Any moisture must evaporate before the wood fuel will produce heat and during this process the wet wood will create excessive tar and creosote deposits, damaging both your stove and chimney system and increasing the risk of a chimney fire.

The Woolly Mammoth 6 and 7XL are wood burning only and the Woolly mammoth 5 and 7 are suitable for use with wood, coal and solid fuels.

**Please refer to the Solid Fuel Association and Hetas for approved fuel suppliers.**

Never burn plastics, household waste or treated timber in your Woolly Mammoth stove. The use of any fuel other than that recommended in this user manual will void the *Mammoth 5 Year warranty PLUS*

At nominal output, refuelling is required approximately every 1.5hrs. When refuelling, open air intakes to establish a hot bed of fuel and allow to burn at maximum output for a few minutes before adjusting air intakes. If there is not a sufficient hot bed of embers when refuelling, smoke may be emitted from the appliance. Use smaller logs or kindling to reduce this. Do not over load the fire box. Fuel load should not rise above the insulating fire bricks and/or touch the baffle plate.

Operation with the door open can cause excessive smoke. Operation with the air controls or appliance dampers open can cause excessive smoke. The appliance must not be operated with air controls, appliance dampers or door left open except as directed in this user manual.

## Maintenance

### Your new Woolly Mammoth stove must be regularly maintained.

The grate should be cleaned after use and free of heavy build-up of ashes to prevent this from burning out, especially with the use of anthracite coals.

The stove, connectors and chimney should be swept regularly, recommended three times a year by Hetas.

Please check fire bricks regularly. These will crack due to the heat of the stove but this will not affect operation or heat output. Replacement bricks can be purchased when they crumble or disintegrate.

Allow the stove to cool before cleaning surfaces with a soft brush or lint free cloth.

Heat resistant coatings are available to renew the finish.

Remove and clean the baffle plate once a month.

Sooty deposits will be removed from the glass through the application of high heat (air wash) and can also be cleaned when cool with a suitable glass cleaner.

Only replace stove glass with toughened Woolly Mammoth heat resistant glass. Wet logs, pokers and slamming will damage the glass.

Where a chimney has previously served an open fire, a second sweeping is recommended within a month of using your Woolly mammoth stove as the higher temperatures may dislodge previously embedded soot and tar deposits.

When not in use (through the summer months), it is advisable to ensure the stove is clear of all ash and fuel and air in takes are left open to prevent condensation build up.

Do not modify your Woolly Mammoth stove and ensure chimneys are clear before every heating season.

Rope seals will require checking and potentially replacing annually. That is why your brand new Woolly Mammoth stove has come supplied with 5yrs worth of rope seals. Please use a suitable heat resistant adhesive.

Check all moveable parts regularly.



## Replacement Parts and Accessories

In addition to our market leading 5yr *Mammoth warranty PLUS*, for complete peace of mind and to ensure the ongoing enjoyment of your Woolly Mammoth stove, official replacement Woolly Mammoth stove components are readily available through our approved dealers. Please contact your local Woolly Mammoth supplier.

Please refer to our warranty terms for components covered for a total of five years.

To monitor the output and efficiency of your Woolly Mammoth stove, we recommend the use of a Woolly Mammoth Stove Thermometer, available from your local approved Woolly Mammoth dealer.

To maximise the output and efficiency of your Woolly Mammoth stove, we recommend the use of a Woolly Mammoth Swift Original or Swift Plus Stove Fan, available from your local approved Woolly Mammoth dealer.

## Trouble Shooting

The most common miss-conception amongst stove users is a fault with the stove. This is incredibly unlikely due to the limited mechanical nature of a wood burner. Stoves are not designed to be air tight and the effective lighting of a fire, control and draw is dictated by the chimney system which can easily over or under draw due to many factors.

### Fire Won't Light

Is there sufficient ventilation in the room to supply air to the stove? A permanently open air brick must be installed with your Woolly Mammoth stove and extractor fans must not be present. Are the air intakes open and free from blockages? Is an approved fuel being used in line with the guide in this user manual? Has the chimney been swept? Does the flue draw fall between the required levels?

### Fuel Burns Quickly

Over firing occurs when too much air is being drawn into the stove due to the chimney system over drawing. Do the doors close correctly? Are rope seals intact? Are the glass retaining clips loose? Is the correct fuel being used? It is not unusual to require a draught stabilizer to reduce the draw on a stove due to excessive flue draught.

### Blow Back

If the doors are closed prematurely or intakes are not open enough after refuelling, small explosions can force air through the seals of the stove.