Installation of BTV 3k stove

Important

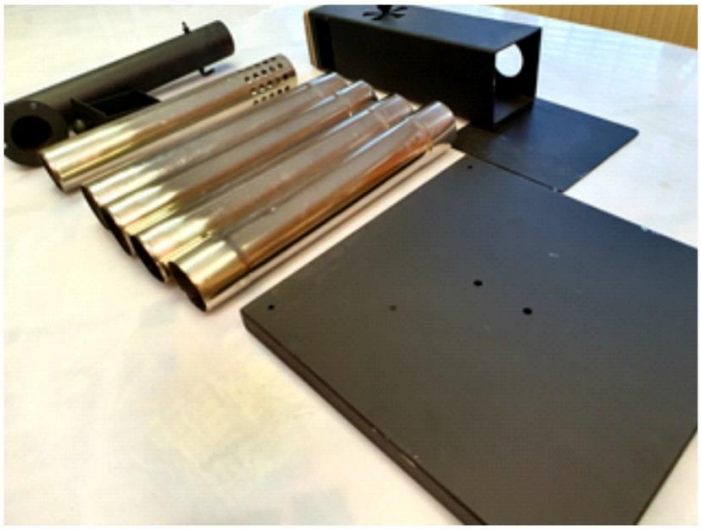
- Never leave the stove burning whilst unattended.
- Do not use indoors.
- Only use in well-ventilated areas due to the risk of carbon monoxide poising.
- Never use without a working and tested carbon monoxide alarm within a 2-metre radius of the stove.
- Should not be used inside. (Glamping and camping users may do so at their own risk)!
- The top lid should not be opened once the stove is burning fuel due to risk of fire from flying sparks and hot ash.
- Do not use whilst asleep.
- A heatproof mat should always be placed under the stove to prevent fire spreading.
- Always use heatproof gloves when operating your stove.
- Install our safety cage sold separately to prevent burns.
- All parts of the stove can become very hot and should not be touched. When operating, use a heatproof glove.

Operating temperatures

Inside Body 600 degrees – exterior surface not measured
Top lid plate -170 degrees
Bottom base plate - 90 degrees
Flue pipe 1.2m above the stove – 25 degrees

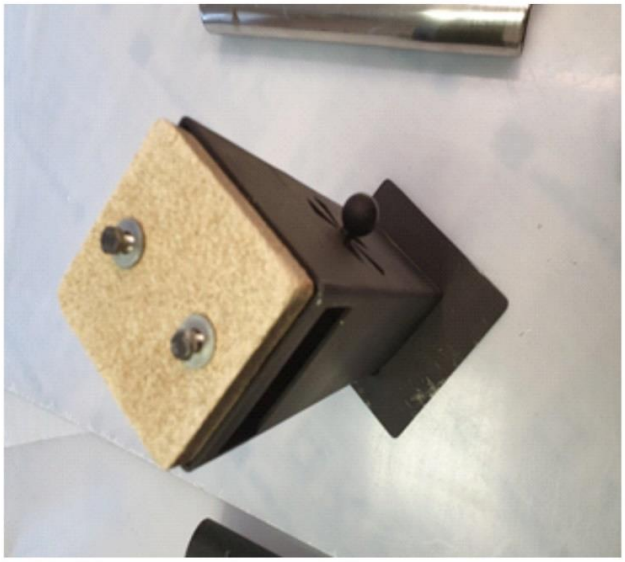
setting up

1.Carefully remove all parts from the box and place on a flat surface.



2.Inspect the stove carefully to ensure that it has not been damaged in transport. Pay close attention to the welded areas to ensure that no holes or cracks have formed.

3.Then place the stove upside down onto a cloth to prevent scratching the lid. Remove the 2x screws from the firebrick.

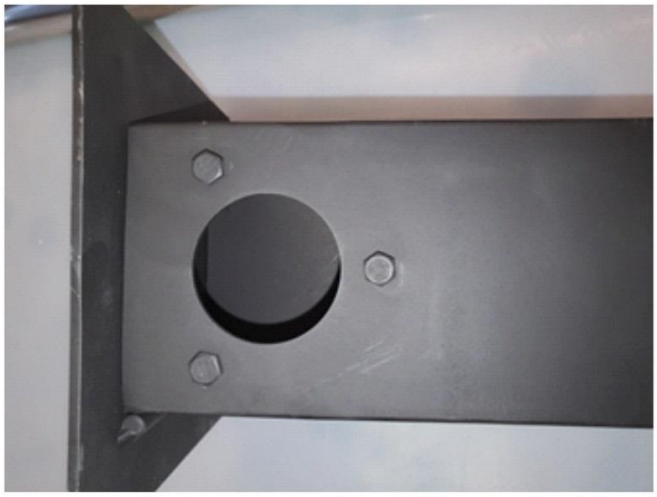


4.Install the bottom plate with the previously removed screws. Ensure that the counter sunk holes are facing you.

5.Tighten with a screwdriver/ spanner.

6.Flip the stove on to its base to begin installing the flue shoot.

7.Remove the 3 x 10mm nuts from the base.



8.Attached the exit flue pipe using the 3 x screws. Do not tighten the screws until all 3 screws are in place.

9.Insert the bottom ashtray in position.

Connecting your aluminium flue pipes to the exit flue pipe.

Important Tips

A.Familiarise your self with the open position of the damper gauge positioned inside the black section of flue pipe before connecting the silver flue pipes.

B.Some of the flue pipes may seem tighter than others. Be sure to swap between the flue sections if they feel to tight to connect. The fitting is naturally quite tight to prevent leakage of fumes.

C.Be sure that the flue pipes are being installed the correct way around.

D.Use washing up liquid on the joint connections if they are too tight. Dry your hands with a cloth to enable a good grip.

E.Please note that the flue pipes can bend or break if handled badly. Care should be taken when storing and installing the pipes.

10. When placing the stove flue pipe through one of our flashing kits. The pipe dimension is 60mm. There is no need to cut our flue flashing kits. Simply add washing up liquid too the rim of the flashing kit and too the pipe to allow easy fitting.

11.Be sure that your stove exit is more than 1.2m from the flue flashing kit allowing it to cool sufficiently.

Starting your stove.

1.Fill your stove firstly with paper. 1 single square of kitchen towel is sufficient.

2.Fill the tray with 2 x firelighters.

3.Add coal into the body of the stove through the top lid.
4.Followed by small woodcuttings. Wood must be dry! Fill approximately half way.

5.Check that the air damper positioned on the flue pipe exit is in the open position.
6.Ensure that the side air grill is slightly open. (Less than half)!

7.Once you light your stove, ensure that the front ash collection tray is ¾ closed (slightly open) allowing air to enter. The top lid should be closed.

8.The stove may leak smoke from the side vent or top lid at the start of each burn. Ensure that you are in a well-ventilated area.If the damper gauge in the flue pipe is not opened fully, the stove will noticeably leak a lot of smoke. Learning how to manage the damper is vital to the operation of the stove! Check the flue pipe exit regularly whilst burning to ensure that the fumes are flowing freely from the built in spark arrestor.

How the damper and air controls work. There are 3 ways of controlling the temperature of the stove.

1.Bottom ashtray has multiple uses. Collecting ash and pushing air through the stove to increase the temperature of the stove.
2.The side air vent- once fully open will increase the air flow increasing the temperature of the stove
3.Damper gauge on the flue pipe can increase or decrease the airflow through the stove. Opened fully will increase the temperature. This should not be completely closed at any time during operation.

The stove takes approximately 20mins to reach full temperature and burns for approximately 3 hours when set to 50% open gauge. This is based on a coal and wood fuelled burn.We have recorded this stove at temperatures of 600 degrees.

Disclaimer

Lux & Lav LTD trading, as BELL TENT VILLAGE accepts no responsibility for accidents caused from the use of this stove.This item has been manufactured for hobbyist and should only be used for recreational outdoor use in well-ventilated areas.Stove and heating equipment can reach high temperatures causing serious injury or death. This equipment should only be used with caution in a safe environment.