



## HIGHLANDER 304

Stoves That Perform

### Instruction Manual



Thank you for purchasing the Highlander 304 from Bell Tent Sussex.  
Please take a moment to read the following instructions to assist in assembly and usage.

## Overview of Highlander 304



## Caution:

Beware of burns when operating the stove; always use high temperature gloves when opening the door or other tools to prevent you from being burnt.

- If camping with Children or pets put a fireguard around the stove as the stove's surfaces get very hot. Do not leave anything combustible near the stove.
- Never leave the stove unattended.
- If used inside a tent a carbon monoxide alarm is recommended.
- Keep a fire extinguisher to hand.
- Never pack away when hot. To avoid the risk of fire, make sure sparks go out completely before packing away.
- If using inside a canvas tent protect your groundsheet with a flame retardant heat mat in case hot embers escape.
- A spark arrestor should always be fitted on the top of the flue, this will stop hot sparks landing on the tent.

## Precautions against Carbon Monoxide when using a tent stove:

- The stove fumes should be directed out of the tent up the flue. If this is not the case the installation or operation of the stove needs to be corrected. However, there are some precautions you need to take.
- Keep the tent well ventilated to avoid a build-up of fumes.
- Ideally your tent should be designed to let the air flow through the tent, so you have a supply of fresh air. Always keep the door open for easy access and air flow.
- Never leave your stove on through the night. Make sure the stove has burnt out before you go to sleep.

## Specifications:

MODEL NUMBER	S03-1
STOVE HEIGHT	418 mm
WIDTH	512 mm
DEPTH	425 mm
FLUE DIAMETER	60 mm
FLUE LENGTH	300 mm
WEIGHT	9.5 kg

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## Introduction

The Highlander 304 is made with high grade 304 stainless steel. The Wood Burning Stove has been designed as a solid fuel cooker. The stove has its own spark arrestor to stop any unwanted sparks protecting your bell tent, and the flue is long enough to keep the smoke away and at bay. It is equipped with 2 side racks for cooking or hanging utensils on, a platform for brewing, an ash scraper and a grate.

With some basic maintenance you will get many years of efficient and pleasurable cooking and of course warmth.

## Features

- The legs easily fold down for transportation and storage.
- Flue pipes can be dismantled and stored inside the belly of the stove.
- Total weight of the stove is just 12kg.
- Water Heater and Carry Bag (sold separately).

## How to Assemble the Highlander 304

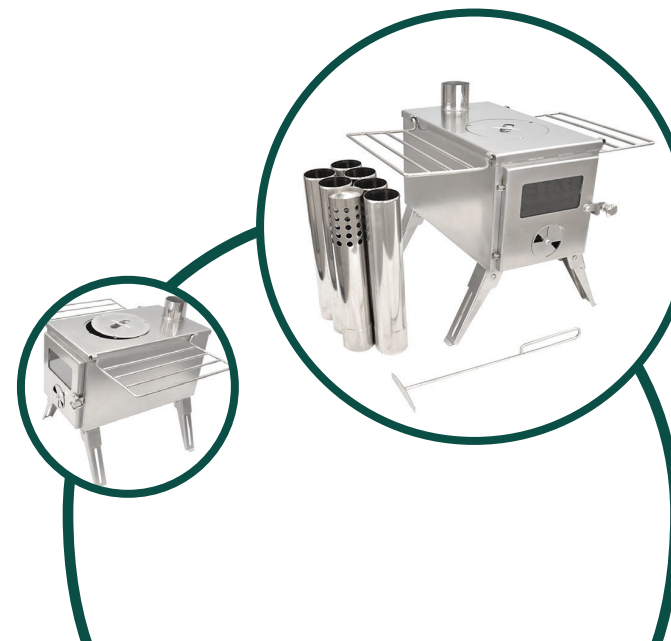
1. Remove the flue sections from the belly of the stove
2. Unclip the leg pins from the closed position and extend the legs.
3. Re fit the leg pins in the holes once the legs are extended to hold the stove in place.
4. Attach the first flue section by pushing the wide section securely on the pipe firmly into the flange of the next pipe.
5. Add each extra section of the flue in turn by pushing the thin section of the pipe firmly into the flange of the next pipe, make sure the spark arrestor is secured after it passes through the flashing kit.
6. Ensure your stove is on a suitable fireproof surface before lighting.

## How to Light the Stove

1. Open the door and place firelighters and dry kindling wood in the stove. Kindling wood is very dry, and will catch alight easily, so use small pieces of wood and twigs to start with. A successful fire initially requires plenty of kindling to establish a hot firebox and warm the chimney to aid flue performance.
2. Light the firelighters then wait for the kindling to catch alight and start burning.
3. Once the kindling is burning well; add slightly larger pieces of split wood to create a stable fire bed. Do not use full sized logs, build up gradually in size. Too many logs may smother the fire. For safety and efficiency reasons do not overload with fuel.
4. Whilst warming the stove, use the first latch on the door lock to hold the door slightly open. Doing this, will increase the flue airflow and assist in lighting the fire.



5. Once fully warmed and burning you can now shut the door. Add larger pieces of wood when necessary. The more air that goes to the stove, the more draw you will get through the flue and the hotter it will burn.
6. Once lit ensure that all the flue pipe sections are correctly fitted, and that smoke is not escaping from any of the connections between the flue pipes. If used inside a bell tent use a carbon monoxide alarm.



## Unpacking

Remove the stove from the box and remove packaging around the main body of the stove.

- 1 x Tent Stove body
- 1 x Ash tool
- 6 x Flue Pipes
- 1 x Spark Arrestor
- 2 x Side Racks

## Maintenance

Only after the stove is cold should it be dismantled and cleaned.

- We recommend you clean the stove thoroughly after every use, including inside of the flue.
- When possible and left in storage over a long period of time, wipe over with an oily rag to prolong life and resistance to corrosion.
- We recommend only burning well-seasoned, dry timber as a solid fuel as this will give you the most efficiency and greatest heat output.