

## Brasslite Stove Instructions

**Please read the entire instruction sheet before using your stove. Using the stove constitutes a legal agreement to the Terms Of Use, Cautions, Disclaimer and Warranty as outlined below.**

**Terms Of Use & Cautions:** This stove is intended for cooking outdoors while backpacking or camping. It is **NOT** intended for use indoors. **Never** use this stove inside a tent or under a low-hanging tent vestibule or tarp, due to fire danger. Oxygen depletion and carbon monoxide poisoning may result from using this stove in any confined space, causing injury or death. **This stove is intended for use with alcohol only.** **Never** use Coleman Fuel (white gas), gasoline, acetone, or a similarly volatile liquid inside this stove. Such fuels may flare up and cause a hazardous fire. **Do not overfill the stove.** Lighting an over-filled stove may cause a hazardous fire. **Caution:** In daylight the flame of an alcohol stove is virtually invisible. Unlike a white-gas or compressed-gas stove, there is no hissing sound to assure you it is running. **Never** attempt to light this stove if the stove is in any position other than sitting upright on its base. **Never** add fuel to the stove while it's still lit. Make sure that all flame is extinguished. Adding fuel while the stove is lit may cause a hazardous fire.

**Disclaimer:** All backpacking stoves create a potentially hazardous condition for the user. Brasslite assumes no responsibility for the condition and operation of this stove by buyer. Buyer assumes all responsibility for the use of this stove. Buyer assumes all risk of loss and injury and warrants that he or she will defend, indemnify and hold Brasslite harmless. Buyer represents that no reliance is made upon any act or conduct of Brasslite.

**Warranty:** This stove is constructed of thin sheet metal and it must be handled with care. With proper care this stove will last for many years. This stove was tested at the time of manufacture and was in good working order at the time of shipping. It is warranted to be free from structural defects for as long as the original buyer owns the stove. "Structural defects" refers specifically to voids or breaks in welds and solder seams that rarely develop during normal use. In the rare case of a bona fide structural defect, Brasslite agrees to pay the cost of return shipping charges and provide a new stove at no additional charge. Punctures, dents or other deformities that occur during use do not constitute structural defects. It is not recommended that the stove be operated in other than original condition and therefore seller makes no offer to repair any damages inflicted by buyer. No other warranty either express or implied is offered.

**Stove Return Policy:** A stove may be used for up to 30 days and returned without explanation, provided that it is undamaged. Damage includes dents, deep scratches and other blemishes that cannot be removed with cleaning agents. Discoloration/oxidation of the metal during firing is normal and does not constitute damage. At Brasslite's discretion there may be a \$10 fee to cover the time and materials of cleaning a returned stove. Shipping and handling charges are not refundable. In the event that a stove is returned and cleaned and damage is discovered, the customer is required to keep the stove and must pay for the cleaning fee and return postage. Decisions made by Brasslite are final. After 30 days, stoves are not returnable.

**Important Note About Using A Windscreen:** Your stove does not include a windscreen but a windscreen is necessary for correct operation. You may either purchase a windscreen from Brasslite, or a windscreen may be constructed at home using a piece of folded heavy duty aluminum foil that is 6 inches high and long enough to go around your cook pot with a 2 inch overlap. Punch holes using a standard office paper punch at 1 inch intervals ½ inch above the bottom edge to permit airflow. For more detailed instructions please go to the Brasslite web site [www.brasslite.com/windscreen.html](http://www.brasslite.com/windscreen.html)

**Acceptable fuels for Brasslite Stoves:** Pure methanol (such as HEET brand auto gas-line de-icer, or its generic equivalent), ethanol/methanol mixture (a.k.a. denatured alcohol sold in paint and hardware stores), pure ethanol (expensive). Note: Isopropanol (i.e. ISO-HEET, or rubbing alcohol) is NOT recommended because it burns with a very sooty flame. No other fuels are recommended. Use of other fuels voids warranty.

**Lighting Instructions:** 1) Choose desired fireproof, level cooking surface. 2) Make sure that the ports (air intakes) of the stove are fully open and that the Simmer Sleeve is not partially covering them. 3) Place windscreen partially around stove. 4) Deposit desired amount of fuel into top hole of stove and a small amount in the pan at the base of the stove. 5) Ignite the alcohol you just placed in the pan using a match or piezo-electric type lighter. 6) Place pot on the center of the stand and immediately enclose pot with windscreen.

**Using the Simmer Sleeve:** The stove is too lightweight to adjust the Simmer Sleeve without a pot sitting on the stove. After your water has boiled, if simmering is desired, hold the handle of your cook pot while the pot is sitting on the stove and apply gentle pressure to keep the stove in place. Use a metal utensil or a stick to push the handle, rotating the Simmer Sleeve until the ports are covered. The flame will gradually reduce to a simmer level. It takes a little time to increase or decrease the flame. With a little practice, a wide range of flame levels can be achieved by varying the degree of port closure. Be patient and learn what your stove can do. Note: The simmering function performs best if the stove is heated first. Adjusting the sleeve to its fully closed position before the stove is heated may cause the flame to extinguish.

**Adjusting Simmer Sleeve:** If the Simmer Sleeve doesn't rotate easily, it may be loosened by one or both of the following methods: 1) Insert the blade of a butter knife in between the leaves of the handle from the bottom side of the stove, and twist gently, separating the leaves slightly. 2) Grasp the handle in one hand while holding the stove body firmly in the other hand, and pull gently on the handle, separating the leaves. Excessive twisting and pulling on the handle may result in stress breakage. Be careful. If the Simmer Sleeve will still not rotate properly after adjustment, cleaning may be needed as described below.

**Stove Tips:** If cooking is finished before the fuel is spent, allow the remaining fuel to burn off completely before cooling and storing the stove. Wrap the stove in a bandana or pack towel and store it inside a cook pot to prevent it from rattling around. This cloth can double as a potholder.

**Cleaning Stove:** Your Brasslite stove requires very little maintenance. If sooty deposits form on the surfaces, gentle scrubbing with an old toothbrush, abrasive cleanser, and hot water will usually remove them. If soot is really stubborn, boil the stove in a pot of soapy water for 5 minutes then scrub the stove gently with a steel wool soap pad. Follow up with the brushing described above. Be careful and gentle. Remember that the metal is thin and if you press too hard you can dent or deform the stove chamber. Rinse the stove to remove any soap residue, drain the water, and allow the stove to dry before storing.

Your questions, suggestions and comments are always welcome. Feel free to email and your communication will be answered as quickly as possible. If you enjoy your Brasslite stove and think it's a good product please be sure to recommend it to your hiking comrades. Thanks for your purchase, and happy trails!