

Backcountry Boiler Manual - Version 1.0

Before First Use

- Do not throw away packaging materials. See below for clever reuse.
- Perform all visual and leak inspections before firing up the Boiler. Once it has been fired, it cannot be returned for any reason.
- Wash and rinse inside of Boiler several times with HOT water to remove residual lubricant and shavings. It is also recommend that water from the first boil be discarded.

Safety

WARNING! NEVER heat Backcountry Boiler with spout plugged. Plug could eject or vessel could EXPLODE.

- **Boiler should only be used under adult supervision.**
- **Never place body or flammable objects above chimney when in use.**
- **Entire device is extremely HOT when in use – only handle by insulating sleeve or other insulating device.**
- **Use care when lifting vessel if boiling-over.**
- **Do NOT use indoors or in any enclosed space, regardless of fuel.**
- **Do NOT use Boiler with wood as fuel where campfires are prohibited for safety reasons. The Boiler is considered a wood fire for these purposes and may release burning embers.**

Care

- NEVER heat vessel when empty of water, including placing back on base after boiling. Without water as a heat sink, direct heat WILL PERMANENTLY DAMAGE OR DESTROY VESSEL.
- Do not leave fire burning in base for longer than it takes to boil water (10-15 minutes max). This could permanently damage base.
- Do not bang base against ground or other object to remove ashes. This could disfigure base. Dump or brush out instead.
- It is recommended that only water be heated in Boiler. Residue from any other substance would be extremely difficult to remove.
- Do not place in dishwasher. Gentle dish soap is recommended for interior of vessel.
- Interior of chimney and base should not need to be cleaned. See online manual for possible techniques as they develop.
- Boiler should be completely empty and dry for long-term storage.
- Smaller silicone stopper on top of Boiler (if supplied) should not be removed. It is difficult to reinsert without damaging.
- **Remember: The Backcountry Boiler is a lightweight device. Be careful with it. The bottom seam is particularly vulnerable to bludgeoning.**

Use

For Carrying Water

- Fill Boiler only with water and insert large silicone stopper (if supplied).
- It is recommended that, when filled, the Boiler be carried upright in external pack water bottle pocket.

For Boiling Water

1. Gather dry sticks or burnable objects for fuel. Pieces should be short enough to fit in Boiler and thin enough to burn quickly.
 2. If not already done, fill Boiler with water, leaving room at top for boiling turbulence. 16 oz (commonly called-for) will come approximately 1" from top of vessel. REMOVE SILICONE STOPPER if not already done.
 3. Place base on flat, level ground free of grass or burnable material. Fill base with small amount of fuel. If fuel is damp, a small fire-starter will aid in ignition.
 4. Place Boiler on base, making sure no fuel obstructs surface where Boiler rests on base.
 5. Add additional fuel through chimney.
 6. Turn inlet hole in base away from prevailing wind and light fuel through hole. Once fire is established, turn inlet towards wind. One may also blow into inlet for additional air supply.
 7. Continue adding fuel as necessary until boil is achieved.
 8. Once boiling, immediately remove Boiler from base, pour into desired container, and place Boiler directly on ground (not back on base).
 9. Enjoy hot drink or meal and either douse embers with water or allow to self-extinguish under supervision.
 10. Dispose of ashes in accordance with applicable land use rules (pack out, bury, or scatter as applicable), and repack Boiler for transport.
- * Additional best practices and advanced use tips will be available online as they develop.

Reusing Boiler packaging

Both the box and pulp packing cubes the Boiler are shipped in can be disposed of in the Boiler itself. The box can be cut into short strips and used to fuel the first few boils if natural fuels are not immediately available. The pulp packing cubes can be dipped in wax to make excellent fire starters. See online manual for more detailed instructions.

Warranty

Each Backcountry Boiler is checked and free of leaks when shipped. The recipient should verify the same before any use. Because Boiler performance and longevity are so user-dependant, there are no other warranties, express or implied.

Specifications

Bare metal Backcountry Boiler - Material: Aluminum, partially hard anodized. Max dimensions: 7 ¼" x 4 ¾". Nominal dimensions: 7 ¼" x 4". Max boiling water volume: 18 oz. Average weight: 8.15 oz.

Accessories – Stuff sack: Silicone-impregnated nylon. Sleeve: 3mm Neoprene. Stoppers: Food-safe silicone. Combined average weight: 1.7 oz.

Please see www.theboilerwerks.com/manual for updates.