



Colorado Cylinder Stoves Assembly Instructions

Cylinder Stove Models

Alpine Timberline Spruce Mesa



You can be assured that your Cylinder Stove is American Made!

WARNING: Failure to follow the instructions in this manual could result in damage, injury, or death. Read all instructions before using this stove.

Colorado Cylinder Stoves™ thanks you for your recent purchase.

The following recommendations should be executed to assure your safety, comfort, and continued enjoyment.

- Not intended for use by children under 14 years of age.
- Your Colorado Cylinder Stove is designed for seasonal use. (One month out of the year) to insure lifetime of the stove (20+ years). Using the stove more often will only reduce the lifetime of the stove.
- Burn your new stove outdoors for at least 1 hour before first use in any enclosed area to cure the paint and assure any residue or galvanized coating is removed.
- To insure no leakage at water valve on water heater, you will need to wrap the threads of the valve with a layer of Teflon tape (not included) before installing the backing nut.
- Never use your stove in any permanent structure such as your home or residence.
- Never use flammable liquids to start a fire in your stove.
- Please remember all surfaces of your stove will be hot at all times, and may emit sparks out the door or up the flue. Always use the included spark arrestor. Check spark arrestor daily to insure there is no buildup of creosote blocking smoke from going through the spark arrestor. It must be cleaned every 2-3 days to prevent clogging and reduce the risk of chimney fire.
- Keep all flammable material at a safe distance from the stove.
- Never build an excessive fire, or use firewood full of pitch, this can turn the stove cherry red which will warp your stove.
- Your tent must include a US Military stove jack, or flame retardant Kevlar equal, where your flue pipe exits the tent. Your stove jack must be located where the stove can have at least 24" clearance from all sides of the stove to all walls of the tent. If you are using a rain fly you must have a stove jack in both the rain fly and the tent. Any other application could cause your tent to catch fire.
- If you are using the stove in windy conditions, you may want to secure all sections of stove pipe at the joints and where the pipe attaches to the stove with sheet metal screws. Windy conditions will cause the stove pipe to loosen when the tent roof billows in the wind. Also stake your tent down to reduce movement of the tent.
- Always keep your water heater full of water at all times, and when not in use remove completely to keep tank from warping.
- When screwing the legs on the stove, only thread them in 2-3 turns, hand tighten only. DO NOT TIGHTEN LEGS WITH PIPE WRENCH OR CHANNEL LOCKS! Heat from the stove can fuse the legs to the connectors attached to the body of the stove if the legs are screwed in to tight.
- Never store your stove with ash in the firebox. The ash will draw moisture and your stove will rust.



Assembly Instructions

1. Remove all contents from box.
2. Remove all components from inside the stove.
3. Roll stove over on its top, and locate package of four legs. Thread the legs into the four threaded connectors on bottom of stove. (HAND TIGHT ONLY. DO NOT TIGHTEN WITH WRENCH!)
4. Stand the stove upright, set stove in desired location and use legs to level the stove.
5. Locate your stove pipe follow the instructions below:
 - a. FOR STRAIGHT STOVE PIPE ONLY: Using a pair of needle nosed pliers remove the center piece of pipe and subsequent pieces of pipe until all five pieces are separated. Snap all five pieces of pipe together at the seams. (The crimped edge should insert into the stove top hole). You will need to drill holes for the cast iron damper. (Located inside the water tank) Take one piece of pipe, drill two 5/16" perpendicular holes approximately 6-8 inches from the crimped end of the pipe.
 - b. FOR TAPERED NESTED STOVE PIPE ONLY: Your pipe is permanently stitched together at the longitudinal seam. Remove the center piece of pipe in the bundle; this is the first piece with holes already predrilled. Install your cast iron damper within this first section of the nested stove pipe. (Follow the directions in step 6). The crimped and smallest end of this piece will go in the stove top hole. Stack your next piece from the center of the bundle on the first piece and so on; the nested stove pipe should get bigger in diameter as you assemble the stack skyward.
6. The Cast iron damper is spring loaded; remove the silver handle from the damper by pushing in the handle and twisting apart. Insert the damper inside the pipe, then thread the handle through the pipe holes previously drilled and through the damper. Push in and twist the handle to lock handle into the damper.
7. Locate screen spark arrestor and hand form the open end until it is round. Slip spark arrestor screen over the top piece of pipe in the stack. (Please note; it is normal for creosote to build up in the spark arrestor, and you will have to clean it out from time to

time. The amount of build up will vary depending on amount of usage, how hot you burn your fire, and what type of wood you use.

8. Locate warming tray and insert pegged side into round connectors under stove top on either the right or left side of the stove.
9. Locate the water heater and water drain valve. Remove washer, blue Garlock gasket, and backing nut from water valve. Take Teflon tape (not included) and wrap threads of the drain valve with several layers. This insures that water does not leak through the threads. Slip the brass washer back over threaded end of water valve. Then install the blue Garlock washer making sure the blue Garlock gasket and brass washer are both on the outside of the tank, not in the water. Insert threaded end of the valve, into the hole on the side of the water heater. Install backing nut on the water valve inside the tank. Tighten snug with wrench, do not over tighten!
10. Hang the water heater on the clips provided on either side of the stove. **ALWAYS KEEP WATER HEATER FULL OF WATER, AND WHEN NOT IN USE REMOVE IT COMPLETELY FROM THE STOVE. THE WATER HEATER CAN WARP AND POSSIBLY CRACK THE WELDS IF NOT KEPT FULL OF WATER AT ALL TIMES!**
11. Install coal grate inside the stove. Check to make sure all is installed correctly. Start your fire and enjoy.
12. **ALWAYS BURN YOUR STOVE FOR 1 HOUR IN THE OPEN AIR OUTDOORS FOR THE FIRST TIME BEFORE USING IT INSIDE ANY TENT OR OTHER ENCLOSED SPACE.**

IF YOU HAVE ANY QUESTIONS FEEL FREE TO CALL WE ARE HERE TO HELP.

1-855-707-8683

www.coloradocylinderstoves.com



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