

Alaskan Wood Cook Stove Operating Safety and Installation Procedure

For a safe stove and stack installation it is advised that a professional install your stove

1. Pre-burn stove outside of house to cure paint. Use small branches and a paper fire.
2. Place onto and bolt to a non-combustible hearth pad with 8 inches of pad extending to the rear and sides of legs and 18 inches of pad extending out in front of legs.
3. Locate stove so that there is an exhaust stack pipe straight through the roof. There are no elbows or bends in the stove pipe allowed with this stove installation.
4. Use heavy duty 'Black' stove pipe for the installation. Corrosive combustion residue products are produced from burning wood, which will eat away light duty pipe very fast. Inspect exhaust pipe carefully each year or as necessary for physical integrity. For the pipe or stove, burn through, rust, dents or other damage is cause for replacement. Replace pipe as per manufacturer recommendations or every other year and/or as needed.
5. Maintain 18 inches of space between the sides of stove (and sides of stack) and all combustible materials. Between the stove and your wall use metal or cement board heat shields with one or two inch 'stand-off' pipes to keep the shield away from the wall to allow for air flow. Allow total air circulation from all sides, top and bottom of the heat shield installation.
6. Keep creosote/carbon buildup to a minimum within the stack to prevent a dangerous stack fire. 1/8 inch or more of buildup within the stack is dangerous and should be brushed out by a professional stack cleaner or handy man that is trained in stack cleaning. If the stove has been out (no fire for a period of time) the creosote buildup will be dry and especially vulnerable to catching fire, thus it is necessary to brush out the creosote before attempting to light a new fire.
7. Recommended: Some professional stove installers will install a metal-bestos type of insulated pipe extending through the wood portions of the ceiling and roof at least 10 inches above the metal (non combustible roof covering) and 10 inches below the inside ceiling, which is one size larger then the stove pipe coming from the stove. This protective chimney is installed as per the manufacturer's instructions with all clearances maintained. This installation then becomes a permanent part of the house. Then insert the black stove pipe, through the protective chimney pipe and extending out of the top to the recommended height, (or at least 10 inches above the protective chimney). This creates a 1/2" clearance between the inside of the protective chimney and the outside of the stack providing an extra layer of protection in the advent of a stack fire. A 3/4" rope door gasket is then installed in the 1/2" gap to seal in room air. All flashing, rain diverters, and collars are installed as per the builder's (contractor) guidelines or as the chimney manufacturer requires in their installation instructions.
8. Use a rain-cap during the summer rain season but take this cap off during the winter to prevent creosote from building up on it. Do not forget to reinstall this cap in the spring because rain water entering the stack and accumulating in the bottom of the stove will mix with the ashes within causing a corrosive 'brew' of water and ash in the stove. This brew will eat away at the stove bottom shortening the life of the stove. This may cause a dangerous weakening or failure of the stove walls and bottom. Burn through, buckling from overheating, or severe rust is cause for replacement of the stove.
9. Never leave a wood stove unattended with the door open or the draft open more then 1 1/2 turns. Do not leave this stove unattended with minor children, incapacitated adults, or pets in the home. Replace the 3/4 inch door gasket whenever it is damaged or compressed which may prevent a good seal. With the door or draft open or a damaged door gasket the stove could create a 'run-away' burn condition that is too hot for safe use. A 'run-away' burn could cause a house fire and possible death or injury.
10. This stove is not to be installed in a basement or a two or more level house.
11. Follow advice of the product manufacturers for all stove pipe installations at all times. Consult building inspectors and follow 'code' requirements at all times, and seek installation advice of professionals.
12. The door gasket will be replaced free of charge within the first year of purchase if required. No other warrantee or guarantee is expressed or implied.