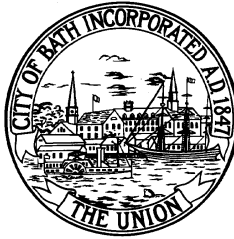


CITY OF BATH, MAINE

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CODES INFORCEMENT OFFICE

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WOODSTOVES

Below are summarized some of the code requirements for installing woodstoves. If you have any further questions after reviewing the material, please call.

1. Woodstoves must be located at least 36" from combustibles (including framing members behind wallboard or plaster) unless protection is provided as detailed in the table below.
2. Floor protection must be in accordance with the table below, extending at least 18" beyond the edges of the stove. Manufactured floor protectors can be used if they are U. L. Listed and used per the manufacturers instructions.
3. Chimney connectors must be at least 18" from combustibles unless protection is provided as shown on the table below.
4. Chimney connectors must be as short as possible, adequately supported with the joints fastened with at least 3 screws or rivets per joint, and made of at least 26 gauge metal (thicker if over 6" in diameter - as for specifications on pipes larger than 6").
5. Wood burning equipment must be vented into a lined, masonry chimney or approved equivalent such as factory built pre-fab chimneys, "metalbestos", or similar arrangement.
6. The chimney connector for a fireplace insert stove must extend to the lined portion of the chimney flue. Woodstoves and fireplace insert stoves can be installed in manufactured metal fireplaces if done in accordance with the manufacturer's instructions.
7. Wood burning appliances can be vented into existing chimneys serving oil fired appliances if there is adequate draft and means for cleaning the chimney. Wood fired appliances cannot be vented into chimneys serving gas fired equipment.
8. Improper use of a wood fired appliance can be dangerous. Follow the manufacturer's recommendations, do not burn trash or other combustibles in the stove, etc., and have your chimney cleaned regularly.

With protection as indicated below, the 36" required clearance can be reduced to

PROTECTION	↓	
	WALL	CEILING
3 ½" thick masonry wall with no air space behind it	24"	NA
½" thick noncombustible insulation board over 1" fiberglass insulation with no air space behind	18"	24"
24 gauge sheet metal over 1" fiberglass insulation wire mesh, with a 1" air space behind	12"	18"
3 ½" thick masonry wall with 1" air space behind	12"	NA
24 gauge sheet metal with 1" air space behind	12"	18"
½" thick noncombustible insulation board with 1" air space between and behind	12"	18"
2 layers of 24 gauge sheet metal with 1" air space between and behind	12"	18"
1" fiberglass insulation sandwiched between two sheets of 24 gauge sheet metal with 1" air space behind	12"	18"

NOTES:

1. With the exception of masonry, leave a 1" space between the bottom of the protector and the floor to allow air circulation.
2. Spacers can be stacks of washers, pieces of tubing or conduit or any similar noncombustible material, or manufactured spacers available at stores.
3. Masonry walls must be adequately tied to the wall they are built against.

FLOOR PROTECTION

Appliances with less than 2" of open space beneath the fire chamber	Floor must be of non-combustible construction
Appliances with 2 - 6" of open space beneath the fire chamber	Combustible floors must be protected with 4" of hollow masonry blocks laid so that air can circulate through them, covered with a layer of 24 gauge sheet metal.
Appliances with over 6" of clear space beneath the fire chamber	Combustible floors must be protected with 2" of solid masonry covered by or laid over 1 layer of 24 gauge sheet metal or other suitable noncombustible material.

CHIMNEY CONNECTOR CLEARANCES

With the protection specified below, the 18" required clearance to combustibles can be reduced to:

28 gauge sheet metal spaced out 1"	9"
3 ½" masonry wall with 1" space behind	9"
22 gauge sheet metal on 1" of fiberglass insulation with wire mesh, with 1"space behind.	3"