

The following information is intended to help clarify the requirements of 2006 International Residential Code as adopted by the City and Borough of Juneau.

## CHIMNEYS

- IRC 1804 Termination heights of chimneys are 2' above any part of building within 10' (ten feet).
- IRC 1801 Interior chimney clearance to combustible construction is 18" (eighteen inches) or as stated in the listing by Underwriters, factory material or other approved testing agency.
- IRC Chap 18 All joints in metal chimneys shall be liquid tight or of such a design that liquid will drain to the interior of the chimney. With woodstoves, this is usually achieved by placing the male or crimped end of the single wall pipe pointing downward.
- IRC 1803 Tees and chimney connectors shall be accessible for inspection, cleaning and replacement.

## STOVES

Woodstoves or Fireplace Stoves are radiant solid fuel burning appliances. Standard installation clearance above the appliance as well as on the sides and back is 36" (thirty six inches) to combustible material but may vary by the manufacturer's instructions. The 36" clearance may be reduced per CBJ Title 19.07. Table 304.7 and Table 304.8. Fireplace stoves (fire chamber open to the room) usually require 48" (forty-eight inches) to combustible construction. Clearance can be reduced to 36" when protection equivalent to that provided by items (1) through (6) of Table 304.8 is applied to the combustible construction.

These standard clearances apply unless otherwise shown on listed appliances, in which case the listed clearance takes precedence over Table 304.7. Appliances should not be installed in alcoves or closets unless so listed.

Reduced clearances with specified forms of protection are prohibited for appliances installed in closets or alcoves. Protection and clearances shall be as per Table 304.7.

One method of testing wall protection during periods of stove use is to place your hand on the wall protection surface. If the heat is so intense that your hand cannot remain on the surface, an unsafe condition exists.

## HEARTH

As per listing or in an approved manner, 16" (sixteen inches) minimum protection in front of loading door per IRC R1003.10. Hearth shall be not less than 3/8" (three-eighth inch) thick, concrete, hollow metal, stone, tile or other approved non-combustible material per IRC R1003.9.