

CLOSET / ALCOVE FURNACE INSTALLATION

Warm – air furnaces shall not be installed:

- In a closet or alcove less than 12” inches wider than the furnace or furnaces therein with a minimum clear working space less than 3” inches along the sides, back and top of furnace. CMC Sec. 904.1
This code section is not to be confused with manufactures specifications relating to distance to combustibles.
- Furnaces shall have a minimum clearance of not less than 6” along the opening side of the combustion chamber or working space along the entire front or firebox side. CMC Sec. 904.7
- The furnace room shall have an opening or door and passageway not less than 2’ feet in width and large enough to permit removal of the largest furnace. CMC Sec. 903.0
- The flexible gas appliance connector shall not extend through the appliance housing. CMC Sec. 1312.0 #2
- All ducts and plenums shall be sealed with approved U.L. listed tape or mastic material or other approved method. CMC Sec. 602.4
- The furnace enclosure shall be provided with combustion air obtained from outside the building. Combustion air may be obtained from the attic area. Combustion air ducts extending up from the appliance enclosure into the attic shall be extended at least 6” inches above the top of the ceiling joists. CMC Sec. 703.1.2.3
- Neither end of ducts which terminate in an attic shall be screened. CMC Sec. 704.3
- Single wall gas vent connectors for listed gas appliances with a draft hood shall be a minimum of 6” to combustibles. CMC TABLE 3-3
- Single wall vent connectors shall not originate in an unoccupied attic or concealed space and shall not pass through an attic , inside wall or concealed space. CMC Sec. 815.1
- There shall be a positive separation between the combustion air and the return air for blower - type heating system. CMC Sec. 906.2