



City of Pittsburg

Community Development - Building Division

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Combustion Air/ Outside Source Only 2016 CMC, Section 701.6

- A. Ducts conveying air from the exterior of the building shall be screened with mesh not smaller than 1/4".
- B. Ducts or openings to free attic space shall not have screens and shall extend 6" above framing and or insulation.
- C. A single duct shall not provide both upper and lower combustion air.
- D. Ducts shall be galvanized steel or a material of equivalent corrosion resistance and strength.
- E. Horizontal upper combustion air duct shall not slope downwards towards source of combustion air.
- F. Combustion air intake for lower combustion air must be a minimum of 12" above outside surface or grade.
- G. Ducts shall serve a single space.
- H. Openings shall commence within 12" of the top and 12" of the bottom of the space served.
- I. Combustion air ducts communicating with the outside shall have an opening of 1 sq. in. per 4000 BTU when ducts are vertical and 1 sq. in. per 2000 BTU when horizontal for total rating of all equipment in space served.

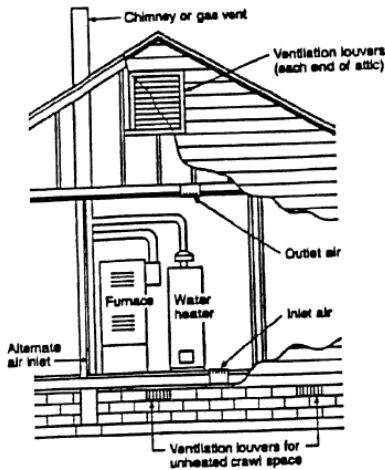


FIGURE 7-2 All Combustion Air from Outdoors— Inlet Air from Ventiladed Crawl Space and Outlet Air to Ventiladed Attic. [NFPA 54: A.8.3.3.(1) (A)]

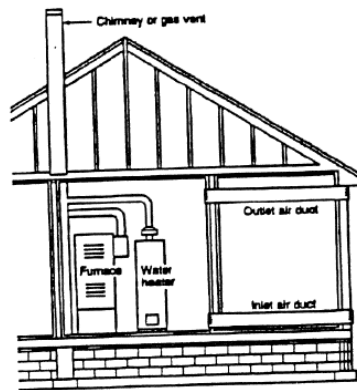


FIGURE 7-4 All Combustion Air from Outdoors Through Horizontal Ducts. [NFPA 54: A.8.3.3.1(2)]

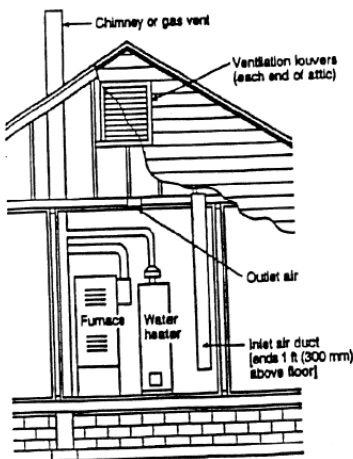


FIGURE 7-3 All Combustion Air from Outdoors Through Ventiladed Attic. [NFPA 54: A.8.3.3.1(1)(b)]

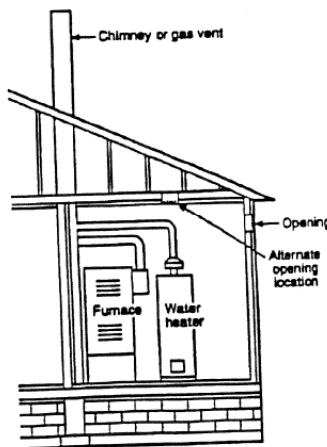


FIGURE 7-5 All Combustion Air from Outdoors Through Single Combustion Air Opening. [NFPA 54:A.8.3.3.2]

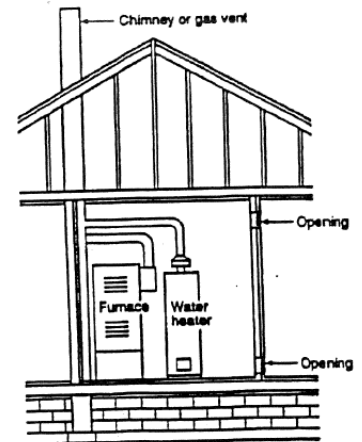


FIGURE 7-1 All Combustion Air from Indoor Spaces Through Indoor Combustion Air Openings. [NFPA 54: A.8.3.2.3(1)]