



ONE TWIN PINES LANE,
SUITE 110
BELMONT, CA 94002
(650) 595-7422
www.belmont.gov

Community Development Permit Center COMBUSTION AIR (M15)

LAST REVISED:
2022 CA MECHANICAL CODE
701.1 THROUGH 701.12

BUILDING OFFICIAL:
DINO FRANCESCONI

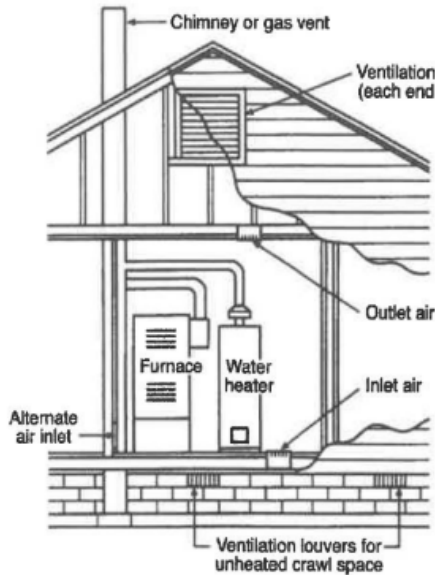
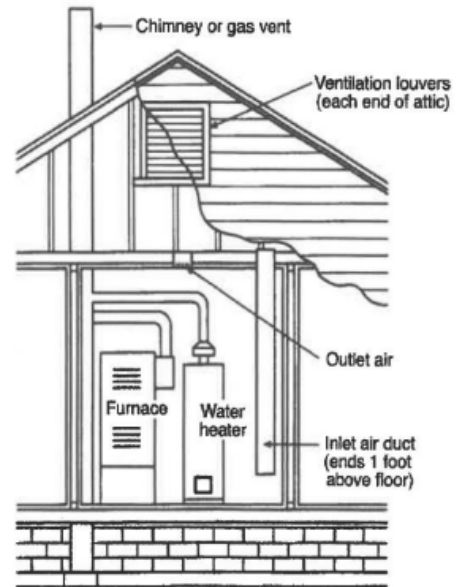


FIGURE 701.6.1(1)
COMBUSTION AIR FROM OUTDOORS
INLET AIR FROM VENTILATED CRAWL SPACE AND OUTLET
AIR TO VENTILATED ATTIC
[NFPA 54: FIGURE A.9.3.3.1(1)(a)]



For SI units: 1 foot = 304.8 mm

FIGURE 701.6.1(2)
COMBUSTION AIR FROM OUTDOORS
THROUGH VENTILATED ATTIC
[NFPA 54: FIGURE A.9.3.3.1(1)(b)]

710.11
Combustion
Air Ducts.
Exception (5):
Ducts shall
not be
screened
where
terminating in
an attic space.

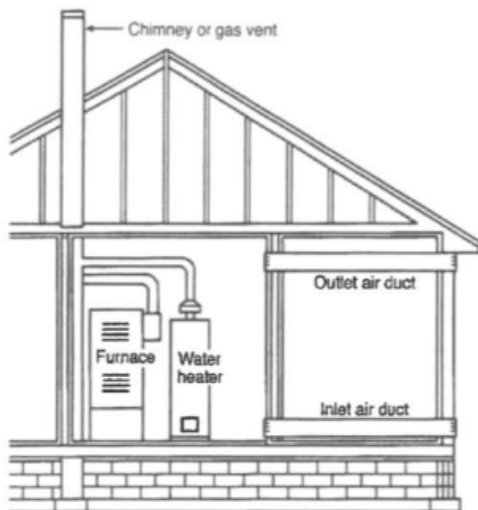


FIGURE 701.6.1(3)
COMBUSTION AIR FROM OUTDOORS THROUGH
HORIZONTAL DUCTS
[NFPA 54: FIGURE A.9.3.3.1(2)]

701.6.1 Two Permanent Openings Method. Two permanent openings, one commencing within 12 inches (305 mm) of the bottom of the enclosure, shall be provided. The openings shall communicate directly, or by ducts, with the outdoors or spaces that freely communicate with the outdoors as follows:

(1) Where directly communicating with the outdoors or where communicating to the outdoors through vertical ducts, each opening shall have a free area of not less than 1 square inch per 4000 Btu/h (0.0005 m²/kW) of total input rating of appliances in the enclosure. [See Figure 701.6.1(1) and Figure 701.6.1(2)]

(2) Where communicating with the outdoors through horizontal ducts, each opening shall have a free area of not less than n1 square inch per 2000 Btu/h (0.002 m²/kW) of total input rating of appliances in the enclosure. [See Figure 701.6.1(3)][NFPA 54:9.3.3.1]