



MECHANICAL CODE MANUAL

MCM 701.1

04/01/03

COMBUSTION AIR REQUIREMENTS FOR GAS APPLIANCES INSTALLED IN GARAGES

Chapter 7 of the Mechanical Code requires that minimum unrestricted combustion air openings, as set forth in Section 707, be provided to rooms or spaces containing fuel burning appliances if the combustion system, with separate listed appliances volume, in cubic feet, of such room or space is less than fifty (50) cubic feet per one thousand (1000) BTU/h of the maximum input rate of all such appliances in the room or space other than direct vent appliances enclosed furnaces, cooking appliances, refrigerators or dryers.

As an example, appliances with a maximum total input capacity of eighty thousand (80,000) BTU/h may be installed in a twenty (20) foot by twenty (20) foot garage with an average ceiling height of ten (10) feet (four thousand (4000) cubic feet) without any combustion air openings. Gas appliances, installed in this garage, with a total combined maximum input capacity among 80,000 BTU/h must have both upper and lower combustion air openings sized to comply with Table 7-1, Colum 1, Item No. 2.

The upper edge of this opening must be within twelve (12) inches of the highest point of the garage ceiling and the lower edge of the low combustion air opening must be within twelve (12) inches of the garage floor. However, garages with volumes differings from this example should be checked for compliance with Section 702, 703, and Table 7-1.

Supercedes MCM 701 (1/96).

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