



# Clark County Department of Building & Fire Prevention

## Building Division – Inspection Services

### Field Inspection Guideline

<b>SUBJECT:</b>	<b>Make-Up Air and Combustion Air for Dryers in Confined Spaces</b>	<b>FIG-M-002</b>
<b>Effective Date:</b>	<b>January 25, 2007</b>	<b>Revised: March 10, 2015</b>
		<b>Approved By: BAT</b>
<b>Code Chapter:</b>	<b>2012 UMC Section 303.3 and Section 701.1</b>	<b>Page 1 of 1</b>

**Section 701.1.** Where infiltration does not provide the necessary air outdoor, air shall be introduced in accordance with methods covered in Sections 701.6 through Section 701.9.3.

**Exceptions:**

1. This provision does not apply to direct vent appliances.
2. Type 1 clothes dryer that are provided with make-up air in accordance with Section 905.3.

**Code Section UMC 303.3**

**Section 303.3 Installation:** If the ceiling height of the room or space is greater than eight (8) feet, the volume shall be calculated on the basis of eight (8) foot height.

**Formula:**

Demand of the dryer = minimum of 35,000 Btu/h, table 12-1  
 Room Size = L x W x H (8ft.) = Cubic feet of the room  
 Divide by 1000  
 Multiply by 50 = Minimum volume of the room that would not require make up air.

**For Compliance with Section 504.3.2**

Any room with a dryer area less than 1,750 cubic feet shall require make-up air by having an opening of 100 square inches in the door or by other approved means

**Room Size: Requiring Make-Up Air**

14'6" X 14' 6" X 8' = 1705 cubic feet

**Smallest Room Size: Not Requiring Make-Up Air**

15' x 15' X 8' = 1750 cubic feet

**Revision History:**

Reference #	Title	Effective Date	Revised	Reviewed
FIG-M-002	Make-up Air for Dryers in Confined Spaces; and Combustion Air for Dryers in Confined Spaces	January 25, 2007		May 31, 2013
FIG-M-002	Make-up Air for Dryers in Confined Spaces; and Combustion Air for Dryers in Confined Spaces			May 20, 2014
FIG-M-002	Make-up Air for Dryers in Confined Spaces; and Combustion Air for Dryers in Confined Spaces		March 10, 2015	