



City of Raymore

Building Inspection Division
100 Municipal Cir; Raymore, MO 64083
816.331.7916 phone 816.331.8067 fax

Code Interpretation: 2012 IRC Interpretation 07

Date: Updated 1/8/2014

Code/ Edition: 2012 International Residential Code

Section(s): R302.5.2

Subject: Requirements regarding allowable duct openings into a garage.

Question: If equipped with a fire damper, can a duct penetrate the required separation between a dwelling unit and a garage?

Answer: Yes

Commentary: Openings directly between a garage and a sleeping room are always prohibited. The language in IRC section 302.5.2 says that ductwork be of 26 gage sheet metal with no openings into the garage. This provision is derived from language that exists in the International Building Code section 714, where an exception allows duct installations with a fire damper.

Therefore, duct installations with openings into the garage will be accepted provided that a listed, one-hour fire damper is installed at the penetrated rated wall between dwelling unit/garage separations.

Jon Woerner

Building Official

jwoerner@raymore.com