

# Impact of the 2009 and 2012 International Energy Conservation Code In Multifamily Buildings

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## ZONE 5

**ARIZONA, CALIFORNIA, COLORADO, CONNECTICUT, IDAHO, ILLINOIS, INDIANA, IOWA, KANSAS,  
MARYLAND, MASSACHUSETTS, MICHIGAN, MISSOURI, NEBRASKA, NEVADA, NEW HAMPSHIRE,  
NEW JERSEY, NEW MEXICO, NEW YORK, NORTH CAROLINA, OHIO, OREGON, PENNSYLVANIA,  
RHODE ISLAND, SOUTH DAKOTA, UTAH, WASHINGTON, WYOMING**

### **CODE COMPLIANCE COST PREMIUM PER APARTMENT UNIT<sup>1</sup>**

	2009 Low-Rise	2009 High-Rise
Envelope Inspection	\$150-\$170	-
Slab Insulation	-	\$29-\$31
Thermostats	\$10-\$15	\$10-\$15
Duct Testing (Top Floor)	\$50-\$60	-
Continuous Insulation	-	\$737-\$872
Attic Insulation	-	\$71-\$99
Piping Insulation	-	\$5-\$10
Overhead and Fees	\$21-\$27	\$85-\$113
<b>Total</b>	<b>\$231-\$272</b>	<b>\$938-\$1,139</b>

	2012 Low-Rise	2012 High-Rise (R-13 Option)	2012 High-Rise (R-20 Option)
Envelope Inspection	\$150-\$180	\$300-\$350	\$300-\$350
Additional Duct Insulation	-	\$10-\$13	\$10-\$13
Attic Insulation	\$132-\$170	\$99-\$127	\$99-\$127
Continuous Insulation (Lap Siding)	-	\$1,609-\$1,877	\$1,877-\$2,179
Continuous Insulation (Brick)	-	\$1,119-\$1,335	\$1,877-\$2,179
Refrigerant Piping Shielding	\$200-\$220	-	-
Cavity Insulation	-	-	-
Overhead and Fees (Lap Siding)	\$48-\$63	\$202-\$260	\$229-\$294
Overhead and Fees (Brick)	\$48-\$63	\$153-\$201	\$229-\$294
<b>Total (Lap Siding)</b>	<b>\$530-\$632</b>	<b>\$2,220-\$2,627</b>	<b>\$2,515-\$2,962</b>
<b>Total (Brick)</b>	<b>\$530-\$632</b>	<b>\$1,680-\$2,026</b>	<b>\$2,515-\$2,962</b>

<sup>1</sup> Cost calculations are based on "Impact of the 2009 and 2012 International Energy Conservation Code In Multifamily Buildings", Niles Bolton Associates, Inc., March 2012. Costs reflect only the cost premium to comply with the new code versions relative to the previous code edition. Charts do not represent total code compliance costs.