

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

ZONE 4

**ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, DELAWARE, DISTRICT OF COLUMBIA, GEORGIA,
ILLINOIS, INDIANA, KANSAS, KENTUCKY, MARYLAND, MISSOURI, NEW JERSEY, NEW MEXICO,
NEW YORK, NORTH CAROLINA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, TENNESSEE,
TEXAS, VIRGINIA, WEST VIRGINIA**

CODE COMPLIANCE COST PREMIUM PER APARTMENT UNIT¹

	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
Total	\$231-\$272	\$938-\$1,139

	2012 Low-Rise (R-13 Option)	2012 Low-Rise (R-20 Option)	2012 High-Rise (R-13 Option)	2012 High-Rise (R-20 Option)
Envelope Inspection	\$150-\$180	\$150-\$180	\$300-\$350	\$300-\$350
Additional Duct Insulation	-	-	\$10-\$13	\$10-\$13
Attic Insulation	\$132-\$170	\$132-\$170	-	-
Continuous Insulation (Lap Siding)	\$1,948-\$2,315	-	-	-
Continuous Insulation (Brick)	\$1,371-\$1,637	-	-	-
Refrigerant Piping Shielding	\$200-\$220	\$200-\$220	-	-
Cavity Insulation	-	\$1,124-\$1,290	-	\$1,140-\$1,307
Overhead and Fees (Lap Siding)	\$247-\$317	\$161-\$205	\$31-\$36	\$145-\$184
Overhead and Fees (Brick)	\$185-\$243	\$161-\$205	\$31-\$36	\$145-\$184
Total (Lap Siding)	\$2,712-\$3,201	\$1,767-\$2,064	\$341-\$399	\$1,595-\$1,835
Total (Brick)	\$2,038-\$2,450	\$1,767-\$2,064	\$341-\$399	\$1,595-\$1,835

¹ 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.