

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

ZONE 6

CALIFORNIA, COLORADO, IDAHO, IOWA, MAINE, MICHIGAN, MINNESOTA, MONTANA, NEW HAMPSHIRE, NEW YORK, NORTH DAKOTA, PENNSYLVANIA, SOUTH DAKOTA, UTAH, VERMONT, WASHINGTON, WISCONSIN, WYOMING

CODE COMPLIANCE COST PREMIUM PER APARTMENT UNIT¹

	2009 Low-Rise	2009 High-Rise
Envelope Inspection	\$150-\$170	-
Slab Insulation	-	\$59-\$62
Thermostats	\$10-\$15	\$10-\$15
Duct Testing (Top Floor)	\$50-\$60	-
Continuous Insulation (Lap Siding)	-	\$2,346-\$2,749
Continuous Insulation (Brick)	-	\$1,856-\$2,207
Attic Insulation	-	\$71-\$99
Piping Insulation	-	\$5-\$10
Overhead and Fees (Lap Siding)	\$21-\$27	\$249-\$323
Overhead and Fees (Brick)	\$21-\$27	\$200-\$263
Total (Lap Siding)	\$231-\$272	\$2,740-\$3,257
Total (Brick)	\$231-\$272	\$2,201-\$2,656

	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	-	-	\$99-\$127	\$99-\$127
Continuous Insulation (Lap Siding)	\$1,984-\$2,248	\$1,984-\$2,315	-	\$1,877-\$2,179
Continuous Insulation (Brick)	\$1,440-\$1,646	\$1,371-\$1,637	-	\$1,877-\$2,179
Refrigerant Piping Shielding	\$200-\$220	\$200-\$220	-	-
Overhead and Fees (Lap Siding)	\$233-\$291	\$233-\$317	\$41-\$48	\$229-\$294
Overhead and Fees (Brick)	\$179-\$225	\$172-\$224	\$41-\$48	\$229-\$294
Total (Lap Siding)	\$2,567-\$2,940	\$2,567-\$3,013	\$450-\$538	\$2,515-\$2,962
Total (Brick)	\$1,969-\$2,271	\$1,893-\$2,262	\$450-\$538	\$2,515-\$2,962

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.