

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

ZONE 8

ALASKA

CODE COMPLIANCE COST PREMIUM PER APARTMENT UNIT¹

	2009 Low-Rise	2009 High-Rise
Envelope Inspection	\$150-\$170	-
Slab Insulation	-	\$59-\$61
Fenestrations	-	\$73-\$109
Thermostats	\$10-\$15	\$10-\$15
Duct Testing (Top Floor)	\$50-\$60	-
Continuous Insulation (Lap Siding)	-	\$2,561-\$2,749
Continuous Insulation (Brick)	-	\$2,029-\$2,177
Attic Insulation	-	\$99-\$127
Piping Insulation	-	\$5-\$10
Overhead and Fees (Lap Siding)	\$21-\$27	\$281-\$338
Overhead and Fees (Brick)	\$21-\$27	\$227-\$275
Total (Lap Siding)	\$231-\$272	\$3,087-\$3,409
Total (Brick)	\$231-\$272	\$2,501-\$2,775

	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
Continuous Insulation (Lap Siding)	\$1,719-\$2,016	\$1,984-\$2,315	-	\$4,170-\$4,793
Continuous Insulation (Brick)	\$1,176-\$1,414	\$1,371-\$1,637	-	\$3,601-\$4,185
Refrigerant Piping Shielding	\$200-\$220	\$200-\$220	-	-
Overhead and Fees (Lap Siding)	\$207-\$264	\$233-\$299	\$31-\$36	\$448-\$567
Overhead and Fees (Brick)	\$153-\$200	\$172-\$224	\$31-\$36	\$391-\$500
Total (Lap Siding)	\$2,276-\$2,681	\$2,567-\$3,013	\$341-\$399	\$4,928-\$5,723
Total (Brick)	\$1,678-\$1,814	\$1,893-\$2,262	\$341-\$399	\$4,302-\$5,047

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.