



PO Box 364 Chester CT 06412

274 Mariomi Road, New Canaan

Energy Analysis Highlights

This home has been built to achieve a level of energy efficiency well above that required by state and federal residential building standards. The home has earned the ENERGY STAR® qualification but in fact is built well in excess of even this standard.

The HERS index of the home is 38. A home built to state and federal energy codes has a HERS index of 100 and the index shows the home is projected to use 62% less total energy than a code-built home. If only heating, cooling and hot water costs are considered the projected savings are much greater as the table below shows.

Annual Energy Cost Comparison

| | 274 Mariomi Road | Code Built Home | Annual Savings | Annual Savings |
|--------------|------------------|-----------------|----------------|----------------|
| | (\$) | (\$) | (\$) | (%) |
| Heating | 1,280 | 7,464 | 6,184 | 82.9% |
| Cooling | 439 | 1,483 | 1,044 | 70.4% |
| Hot Water | 448 | 1,075 | 627 | 58.3% |
| TOTAL | 2,167 | 10,022 | 7,855 | 78.4% |

Annual energy costs are estimates for comparison purposes only. Actual consumption may vary greatly depending on the number, lifestyles and habits of the occupants. No warranty is implied or given with these estimates.

The Net Present Value of these total savings to a homeowner with a 5.5% interest rate mortgage and 30% marginal tax rate is \$272,000 assuming a 5% energy cost inflation rate.