




# Green Homeline

At REINA Alaska, we believe the climate in Interior Alaska and skyrocketing energy costs demand a change in the way homes are constructed. Our response is Homeline Green. Homeline Green homes include innovative new materials and construction techniques designed to make your more efficient. These techniques mean that we can provide you a home that will save you money... Real Money! Use the chart below to see how our Homeline Green homes compare with conventional construction in Interior Alaska.

	Conventional Construction	
Wall Systems	2" x 6" framing @ 16" o/c fiberglass batt insulation OSB sheathing vinyl siding	2" x 6" framing @ 24" o/c fiberglass blown insulation 1 1/2" R-Tek foam sheathing vinyl siding
	<b>Advantage Homeline Green</b> Homeline Green framing results in a R-30 insulation rating, a 30% increase over conventional framing. The additional insulation substantially reduces heat loss during the winter months.	
Windows	Double Pane Windows	Triple Pane Low e Alpine Windows
	<b>Advantage Homeline Green</b> Homeline Green windows provide a warmer interior glass surface during the winter, reducing drafts and window heat loss. The triple pane windows also reduce condensation and frost on and around the glass during the winter.	
Boiler	80% Efficient Heating System	90% + Efficient Heating System
	<b>Advantage Homeline Green</b> Homeline Green system will save you between \$250 and \$300 (@ \$2.50/gal) for every 1000 gallons of oil used.	
Heat Distribution	Hot Water Baseboard Radiator	In Floor Radiant Heat
	<b>Advantage Homeline Green</b> Homeline Green heat is more consistent and evenly distributed than hot water baseboards. Radiant heat provides a more comfortable living space for you and your family and reduces heating costs.	
Ventilation	None	Heat Recovery Ventilator (HRV)
	<b>Advantage Homeline Green</b> Homeline Green HRV circulates fresh air throughout the home even during the coldest winter months. Homeline Green homes are built so tightly there is virtually no air infiltration from outside. Without the HRV, air inside the home would become stale and uncomfortable. The HRV also helps to remove excess humidity from showers and baths from the home.	
Lighting Fixtures	Standard Fixtures	Energy Star Rated Fixtures
	<b>Advantage Homeline Green</b> Homeline Green homes feature 100% Energy Star rated lighting fixtures. The individual fixtures included are rated to use 10-75% less electricity than comparable standard fixtures.	
Plumbing Fixtures	Standard Fixtures	Reduced Flow Fixtures
	<b>Advantage Homeline Green</b> Homeline Green homes on municipal water feature low flow plumbing fixtures. The highlight of the low flow fixtures is the dual flush toilet. The toilet features a 0.8 gallon flush for light loads and a standard 1.6 gallon flush for regular loads. All other low flow fixtures are consistent with NAHB Model Green Guidelines.	