

**1735 Sq Ft 2 Storey Double Attached Garage - No Bonus Room over Garage**

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Construction Level	Energide Rating	Home's Energy Requirements (Heat Loss) †	Annual Natural Gas Usage †	Grants & Rebates	Cost to Upgrade* (this home)	Yearly Energy Savings** (at Current Rates)	Net Cost after 5 Years (at Current Rates)
Minimum Alberta Building Code	<b>70</b>	56, 257 BTU/Hr	128 Million Cubic Feet	NONE	N/A	N/A	NONE
<b>BUILT GREEN BRONZE</b>	<b>72</b>	52,456 BTU/Hr	116 Million Cubic Feet	NONE	\$1000	\$200	Break Even
<b>BUILT GREEN SILVER</b>	<b>75</b>	47,864 BTU/Hr	97 Million Cubic Feet	NONE	\$2000	\$400	Break Even
<b>BUILT GREEN GOLD</b>	<b>77</b>	42, 133 BTU/Hr	85 Million Cubic Feet	10% Discount on GENWORTH Mortgage Insurance Fees	\$3000	\$500	Savings of \$1000
<b>BUILT GREEN GOLD</b>	<b>80</b>	42, 133 BTU/Hr	74 Million Cubic Feet	\$1500 Alberta Government Grant plus 10% Discount on CMHC Fees	\$5500	\$700	Savings of \$1000
<b>BUILT GREEN PLATINUM</b>	<b>82</b>	31,650 BTU/Hr	63 Million Cubic Feet	\$3000 Alberta Government Grant plus 10% Discount on CMHC Fees	\$7500	\$850	Savings of \$1250
<b>BUILT GREEN PLATINUM</b>	<b>86</b>	30,155 BTU/Hr	46 Million Cubic Feet	\$10,000 Alberta Government Grant plus 10% Discount on CMHC Fees	\$12,000	\$1200	Savings of \$4000

The higher the rating:

- As energy costs increase you save more
- More valuable resale – fewer homes with high ratings
- Less or no condensation inside on walls and windows
- Comfort Levels are higher – No drafts or cool feeling from cold surfaces such as walls and windows
- **\*\*More air tight = less drafts and use of energy – don't go air tight unless you add an HRV –you will create problems for yourself and your house**
- Indoor Air quality is higher – more fresh air brought in energy efficiently through properly installed mechanical ventilation systems
- Keep humidity higher in winter – reduces sickness and improves air quality
- Built Green™ homes use more durable and sustainable products- less maintenance and higher quality building
- Built Green™ homes use recycled materials, including insulation, asphalt roofing and interior doors.
- More environmentally responsible using less energy & byproducts
- Reduces your carbon footprint - Emissions of CO<sub>2</sub> can be reduced by over 2 tons per house per year

† Using Hot2000 energy simulation software

\*based on estimates only

\*\* based on calculations performed using energy simulation software

For More details visit [www.qualistat.com/Built-Green.html](http://www.qualistat.com/Built-Green.html)



**\*\*Air tightness only helps when there is proper ventilation added. A tight home without ventilation is like wrapping yourself in a plastic bag to keep warm. Where does all the moisture go?**