

# Energy Star Eco Friendly

## Core Package

### **2 x 4 Exterior Stud Partition + R-14 Fiberglass Insulation + R-5 Exterior Insulation Board**

This wall assembly system uses quality low-heat-loss, high density batt insulation on the inside of your home while wrapping the outside with rigid insulation. It's like covering your home in a winter coat.



### **Low E Windows Throughout (including basement) with Energy Star Zone B Rating**

Rated specifically for our climate zone, these windows are engineered to minimize condensation and have a special coating on the glass that works to keep heat in the house during the winter, reducing heating costs and keeps sunlight out during the summer, reducing cooling costs. Home comfort is increased considerably.



### **R-50 Recycled Cellulose Attic Insulation**

Made of recycled paper, this insulation is ideal for attics as it is blown into place and conforms to the entire space, filling all the nooks and crannies, and acts like a thick, cozy blanket.



### **R-31 Foam Insulation for Exposed Floors and Critical Areas**

Using a spray-in-place foam insulation provides an effective air-tight insulation system in exposed floors like rooms above the garage. The extra insulation helps to keep the floors above them warm in the winter and cool in the summer.



### **R-12 Near Full-Height Basement Insulation with Tyvek™ House Wrap**

Insulating the basement improves the first floor's overall comfort. Using Tyvek as a moisture barrier reduces moisture in walls due to condensation and creates a dryer basement.



### **Air Tight Building Design**

Each Energy Star home receives 3rd party performance testing to reduce drafts, improve comfort and reduce energy costs.



### **Energy Star Rated Compact Fluorescent Bulbs (CFL)**

These bulbs use about 75% less energy than standard incandescent bulbs and last up to 10 times longer, according to Hydro One. They give off less heat, so they are cool to touch yet emit the same amount of light as standard bulbs.



### **Two-Stage Ultra High Efficiency Furnace**

#### **with Electronically Commutated Motor (ECM)**

A two-stage furnace ensures that each room stays comfortable. The efficient Electronically Commutated Motor (ECM) helps reduce operating costs by 80%. It is quiet and increases air delivery through the duct system.



### **Whole House Ventilation**

Heat Recovery Ventilator (HRV) works like a set of lungs in your house. It continually provides fresh air with heat recovery. The Heat Recovery Ventilator (HRV) draws clean, fresh air into the system, while recovering the heat from the stale air being exhausted.



### **Recycled Asphalt Shingles**

Millions of tons of used asphalt shingles are shipped to landfill sites across the country every year. However, new technology, and an interest in sustainable practices, has led to the development of 20% recycled high-quality asphalt shingles.



### **Energy Star Programmable Thermostat**

Matching your home's energy use to the lifestyle of its occupants is an ongoing challenge made easier with a programmable thermostat. Used properly, an Energy Star programmable thermostat can save on your annual heating and air conditioning costs.



### **Return Air Joints and Supply Ducting Sealed with Foil Tape**

A conventional duct system leaks 20 – 30% of its air through leaks, holes and gaps. In our Energy Star homes, air leakage is reduced by sealing the ductwork with foil tape. The benefits are increased comfort through improved air delivery and lower operating costs.



### **Roughed-In Piping for Gas Stove and Dryer**

Gas appliances are more energy efficient. A gas dryer, for example, offers faster drying than conventional electric units and operates for about half the cost. Cooking with gas means immediate heat when you turn on the stove so you don't have to wait for the element to heat up.



### **Solar Ready**

4" capped pipe leading from roof for future solar on-site power generation or hot water heating.

