



# Building Green for a Better Tomorrow

Lancaster Homes is proud to build ENERGY STAR® Qualified Homes



## ADVANTAGES

- **Lower Energy Costs:** Up to 30% savings in energy costs\*
- **Comfort:** Overall quieter, warmer in winter & cooler in summer
- **Health:** Continuous supply of fresh air provided by installation of HRV (Heat Recovery and Ventilation) system
- **Value:** Higher resale value\*\*
- **Quality Construction:** Better quality construction to achieve minimum air penetration from the exterior and use of more efficient systems
- **Environmental:** An ENERGY STAR qualified home releases 2-3 tonnes less of greenhouse gases per year\*\*. It contributes to the preservation of the environment

## SPECIFICATIONS

How Lancaster Homes achieves this performance\*\*\*

- **Exterior:** Home enveloped in moisture barrier membrane
- **Insulation:** R-12 full height wrap insulation in basement  
R-22 insulation in exterior walls  
R-40 insulation in attic  
Foam insulation around windows
- **Windows:** ENERGY STAR labelled, low E coating and Argon gas filled windows and sliding doors block up to 60% of summer heat, retain the warm air in the winter and reduce condensation
- **Ventilation:** High efficiency Heat Recovery Ventilation (HRV) system brings in fresh outdoor air, recovers over 60% waste heat, exhausts excessive moisture & delivers clean fresh air to the home
- **Ductwork:** All exposed heat conduit joints in basement to be sealed with sealant compound
- **Heating:** High efficiency furnace is smaller, quieter, directly vented to exterior with sealed combustion chamber and provides reliable heat and better humidity control
- **Water Heater (rental):** 90% thermal efficiency of the water heater has higher first-hour delivery and recovery providing for a non-stop flow of hot water
- **Lights:** Extensive use of compact fluorescent lights (except strip lighting over vanities) provides good quality light while being more energy efficient
- **Air Tightness Test:** Home is subjected to an air penetration test to ensure air penetration is less than 75% of a home built at OBC 2006 standards

The ENERGY STAR label ensures that your home has been built to meet energy efficient guidelines. ENERGY STAR for New Homes is an initiative of Natural Resources Canada. EnerQuality Corporation is one of the organizations that promotes this initiative in Ontario. As a participant builder, Lancaster Homes must adhere to strict guidelines and standards and is subject to third-party verification and government audit.

\* Based on average consumption of OBC 2006 home. As per Natural Resources Canada.

\*\* As per Natural Resources Canada and EnerQuality Corporation.

\*\*\* Lancaster Homes reserves the right to trade off the specifications herein as permitted by EnerQuality Corporation.

