

Energy Star



WHAT ARE ENERGY STAR QUALIFIED NEW HOMES?

In 2005, NRCan expanded the ENERGY STAR initiative in Canada to include energy-efficient new homes being built in Ontario. ENERGY STAR qualified new homes are approximately 30 to 40 percent more energy efficient than those built to minimum Ontario Building Code standards. The increased efficiency of these homes translates into reduced energy costs for homeowners.

WHAT'S INVOLVED?

Typical energy efficiency measures for these new homes include

- Insulation upgrades
- Higher-performance windows
- Better draft proofing
- More efficient heating, hot water and air conditioning systems
- Sealed ducts for better air distribution
- ENERGY STAR qualified appliances (if supplied by the builder)

THE BENEFITS TO THE NEW HOMEOWNER

- Lower energy bills
- Improved comfort
- Government-backed quality assurance
- Lower impact on the environment
- Higher resale value

ENERGY STAR SPECIFICATIONS

- R24 exterior wall system
- R50 insulation in ceilings
- R12 below grade insulation, basement floor to ceiling
- Energy Star windows double glazing with low-e and argon gas (may exclude some basement and specialty windows)
- American Standard, elongated, low-flush water saving toilets
- Insulated toilet tanks
- ENERGY STAR qualified furnace with minimum AFUE of 95%
- ENERGY STAR thermostat
- ENERGY STAR Hot water heat with minimum 0.67 EF
- ENERGY STAR qualified doors
- ENERGY STAR qualified windows Canada Zone B
- ENERGY STAR Whole home Heat Recovery Ventilator (HRV) in minimum recovery efficiency of 60% at 0°C
- Onsite, third-party testing and inspections to verify the energy efficiency measures, as well as insulation, air tightness, and duct sealing details. (Not applicable for Attached Units)