



Townhomes

Comfort for your lifetime.

URBANDALE CONSTRUCTION

What Net Zero Ready Means For You?

What is a Net Zero Ready Home?

Net Zero Ready Homes are up to **80% more energy efficient than typical new homes**. These homes are meticulously constructed, featuring enhanced insulation, high-performance windows, and superior airtightness to reduce heating and cooling demands to a minimum. Additionally, all lighting fixtures, and mechanical systems are chosen and installed for maximum energy efficiency.



What is the difference between Net Zero Ready and Net Zero?

The Canadian Home Builder's Association's (CHBA) Qualified Net Zero Ready Homes are **designed and built to meet the same efficiency standards as Net Zero Homes**. The key difference is the **absence of a renewable energy system on Net Zero Ready homes** at the time of construction. However, these homes are strategically designed and constructed to easily accommodate the installation of a renewable energy system in the future.

Why would you choose a Net Zero Ready Home over a Net Zero Home?

While renewable energy sources like solar involve an upfront investment, which may deter some prospective homeowners, opting for a Net Zero Ready Home offers a highly efficient living space that's primed for future upgrades. This means you can **enjoy the benefits of an energy-efficient home now** and seamlessly transition to a fully Net Zero Home when you're ready.



Future Proofing Your Investment
Against Rising Energy Costs



Third Party Modeling & Verification



Air Tightness



Fresh Air & Humidity Control



Quiet Home



Triple-Pane Windows



Peace of Mind



High Efficiency



Your Home as a System



1. Cold Climate Air Source Heat Pump

Extract heat from colder ambient air more efficiently.

Designed for harsh Canadian winters, Cold Climate Air Source Heat pumps are **engineered to extract heat from outdoor air even at -30°C. Transferring this heat to your homes interior.** In summer, the process is reversed—all to reduce reliance on traditional heating and cooling methods, lowering utility bills, and ensure consistent comfort year-round.



2. Energy Recovery Ventilation (ERV)

Maintain comfortable humidity levels throughout every season.

Recovering heat and moisture from stale air during winter and preheating incoming fresh air for added comfort. While, also maintaining optimal humidity levels year-round. Thus, **reducing dryness-related discomforts and enhancing overall indoor air quality.**



3. Energy Star® Certified Heat Pump Water Heater (Rental)

Heat water using significantly less energy with ambient air temperatures

Harnessing heat from the surrounding ambient air into a converter that uses it to heat water. During periods of high hot water demand, a switch to standard electric resistance heat is made automatically. Giving you quick recovery during these high use times.



4. Urbandale Construction's Proud Foundation™

Healthier, warmer and more comfortable basement spaces.

We prioritize comfort and durability by insulating below and on the exterior foundation, ensuring warmer floors and extending living space to your basement. Our exclusive **Proud Foundation™ features a waterproof elastomeric coating, reducing the risk of cracks, moisture, and mold.** Enjoy peace of mind, **backed by a 30-year warranty against leaks.**



5. Energy Star Certified® Triple-Pane Windows

Lowering sound transmission while being thermal efficient.

With SunResist™ triple-pane Low-E 366 glass, our windows **block 90% of the sun's rays, delivering up to 22% better energy efficiency compared to standard windows.** This reduces strain on heating and cooling systems to help keep your home warmer in winter, cooler in summer. Additionally, the triple-pane construction minimizes outside noise, creating a quieter, more serene living environment.



6. Air Tightness

Keeping outdoor pollutants and allergens out of your home

Airtight homes ensure consistent temperatures, fewer drafts, and reduced condensation causing mold. Our advanced ventilation systems expel damp air and lower indoor humidity levels, allowing you to enjoy fresh air freely by opening windows and doors when desired. This combination decreases energy usage and also enhances overall comfort.

EnerGuide Rating & Third-Party Verification

Why do I need an EnerGuide rating?

All homes at time-of-sale/time-of-listing must have an EnerGuide rating by 2050.

The Canadian Net-Zero Emissions Accountability Act, enacted on June 29, 2021, cements Canada's commitment to achieving net-zero emissions by 2050. This legislation mandates that every new home sale and time-of-listing for resale must include an EnerGuide rating. This standardized system offers invaluable insights into a home's energy performance, empowering homeowners to reduce energy consumption, lower utility bills, and minimize environmental impact. With an increasing focus on green initiatives and energy-efficient living, the EnerGuide rating serves as a crucial tool for creating comfortable, sustainable, and cost-effective living spaces.

How Your Urbandale Net Zero Ready Townhome Could Rate



Every **Net Zero Ready** townhome undergoes third party modeling and verification by a certified Energy Consultant from **Homesol Building Solutions**.

A blower door test is conducted as a device temporarily mounted in an exterior door frame. It works by either lowering or increasing indoor pressure of the home. This creates airflow through unsealed gaps, revealing areas of air leakage. Once completed, the home is given an EnerGuide rating.

See diagram to learn more or [click here](#) to visit the NRCAN website for more information.

Your Home Rating
Learn About Your Home's Energy

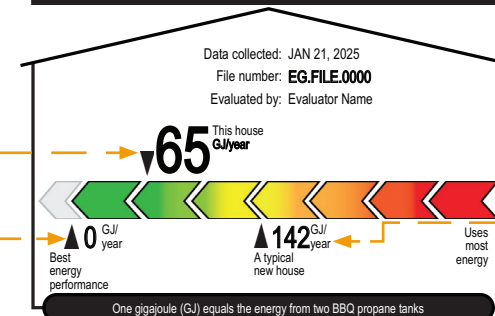
You will receive a rating of the home's energy consumption in gigajoules.

Best Performance
Zero

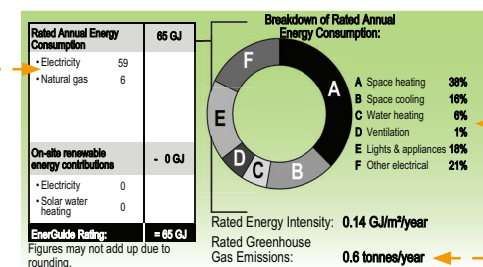
The lower the number on the EnerGuide scale, the better the energy performance of your home.

Energy Use
Understand how your home uses energy

This label breaks down energy consumed by source.



Performance
Compare Your Home
This Label shows how your home's performance compares to a benchmark home.



Consumed
Find out where most energy is going
This Label shows proportion of energy consumed by heating, cooling, ventilation, etc.

Environment
See your impact
Your home's yearly greenhouse gas emissions.

The energy consumption indicated on your utility bills may be higher or lower than your EnerGuide rating. This is because standard assumptions have been made regarding how many people live in your house and how the home is operated. Your rating is based on the condition of your house on the day it was evaluated.

Quality assured by: Homesol Building Solution Inc
Builder: Urbandale Construction Ltd

Visit NRCAN.gc.ca/myenerguide

