

R-2000 SINGLE FAMILY HOMES BY URBANDALE



**A WELL BUILT HOME, EVEN IN  
THE PLACES YOU DON'T SEE.**





# An Urbandale R-2000 Single family home can exceed your expectations. What is the difference between an ENERGY STAR® home and an R-2000 Home?

All Urbandale Singles are both ENERGY STAR® qualified and designated as R-2000. Both programs are regulated by the government to reward “Best in Class” construction techniques. R-2000 goes beyond ENERGY STAR® to include improved indoor air quality and to use environmentally preferred building materials as well as energy efficient designs.

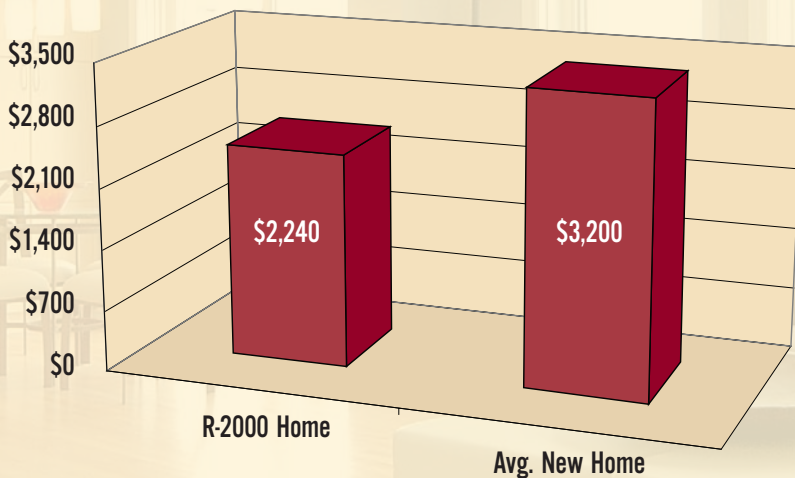
	Traditional Construction	ENERGY STAR® Construction	Urbandale R-2000 Construction
Built beyond Ontario Building Code		✓	✓
Uses 30% less energy than traditional homes		✓	✓
Building program regulated by the Natural Resources Canada		✓	✓
Receives a certificate from Natural Resources Canada		✓	✓
Provides energy savings that equal an average 1.4 tonne reduction of annual greenhouse gas emissions		✓	✓
Allows a CMHC mortgage reduction		✓	✓
Built with environmentally preferred building materials improving indoor air quality			✓
Third party independent inspections			✓
Equipped with a ventilation system that provides fresh filtered air and removes moisture, particles and odors			✓
Requires the homebuilder to undergo specialized training			✓
A furnace with minimum AFUE (efficiency) of 95%			✓
Foundation waterproofing and drainage			✓
30% more efficient shower heads, faucets and toilets			✓
Solar ready rough-in			✓
Reduced air leakage to lessen drafts and cold spots		60% better than traditional home	75% better than traditional home

# THE EXTRA VALUE OF YOUR URBANDALE R-2000 HOME COMES AT A REASONABLE COST:

	Traditional Home	R-2000 Home
Base price	\$450,000	\$460,000
Initial down payment	\$45,000	\$46,000
Mortgage amount	\$405,000	\$414,000
Interest rate	5%	5%
Annual mortgage payments	\$13,602	\$13,904
Annual energy costs*	\$3,200	\$2,240
<b>Annual energy savings</b>	-----	<b>\$960</b>
Total annual payments	\$16,802	\$16,144
<b>Total annual savings</b>	-----	<b>\$658</b>

\*Calculated based on data from NRCan's Energy Use Data Handbook for a 2,700 sq.ft. house.

## ANNUAL ENERGY COSTS



**An R-2000 home will cost 2–6% more than a standard new home but will:**

- cost less to maintain
- reduce your energy costs
- be more comfortable to live in
- increase resale value
- provide improved indoor air quality

For more information as well as a complete overview of R-2000 specifications visit [www.urbandale.com](http://www.urbandale.com)





## Urbandale Construction awarded 2008 Enerquality Award of Excellence for R-2000 Builder of the Year.

The mark of a better home.



 **Urbandale**  
construction  
[www.urbandale.com](http://www.urbandale.com)



# WHERE DOES THE EXTRA COST ASSOCIATED WITH BUILDING YOUR R-2000 HOME COME FROM?

Understanding the Value built into your Urbandale R-2000 Home

## BETTER INSULATION AND AIR LEAKAGE PREVENTION

Superior Insulation	65% more insulation in attics and 30% more insulation in walls compared to the Ontario Building Code. We use spray foam insulation to ensure even the smallest cracks get sealed
Reduced Air Leakage	An airtight home with controlled airflow reduces heat loss and sound transmission. Our houses have up to 70% less air leakage than conventional home construction.
ENERGY STAR® Windows	Our windows are double-pane, argon filled with a low-e glazing to keep heat in the home and reduce heating costs.
Foundation Waterproofing and Drainage	Our basements stay warm and dry and come with a 30 year warranty against leaks thanks to the Tuff n' Dri membrane.

TOTAL COSTS FOR BETTER INSULATION & AIR LEAK PREVENTION .....\$4,000 – \$6,000

## SUPERIOR INDOOR AIR QUALITY

Electronic Air Cleaner	Filters the air intake, improving indoor air quality.
Heat Recovery Ventilator (HRV)	An HRV draws in fresh outdoor air to improve indoor air quality, while recovering heat from inside the home.
Environmentally Preferable Materials to Improve Indoor Air Quality	<ul style="list-style-type: none"> <li>• Carpets are low VOC<sup>1</sup> and designed for recyclability.</li> <li>• Cabinetry is formaldehyde-free which reduces off-gassing of toxic chemicals.</li> <li>• All flooring adhesives are low-toxicity formulations.</li> <li>• All paints are water based and low VOC and meet Environment Canada's Environmental Choice Standards.</li> <li>• All of our insulation meets the Environmental Choice Program requirements for recycled content.</li> </ul>

TOTAL COSTS FOR SUPERIOR INDOOR AIR QUALITY .....\$2,000 – \$4,000

## ECO FRIENDLY AND ENERGY CONSERVATION BUILDING METHODS

Efficient Showerheads, Faucets and Toilets	Save water by up to 30%.
Compact Fluorescent Light Bulbs (10 minimum)	CFL bulbs use 75% less energy than traditional incandescent bulbs.
High Efficiency Rental Hot Water Tank	Up to 7% more efficient than traditional water heaters to save on water heating costs. (Minimum rated 0.60 Energy Factor)
High Efficiency Furnace	Up to 18% more efficient than traditional furnaces to save on space heating costs. (Power vented, forced air DC gas furnace with 95% Annual Fuel Utilization and a variable speed furnace fan.)
Programmable Thermostat	Lowers space heating bills by 10% by lowering the temperature when the house is unoccupied.
Third Party Inspections	Our houses are inspected by a certified third party at three stages during the construction process to ensure these high quality construction standards are maintained.
Solar Ready Rough-In	Built to make it easy for you to install a state-of-the-art solar waterheating system after closing. Also, Government rebates and incentives are available to cover some of the costs of installing a solar water heating system.

TOTAL FOR ECO FRIENDLY AND ENERGY CONSERVATION BUILDING METHODS .....\$2,000

**TOTAL EXTRA COSTS ASSOCIATED WITH BUILDING YOUR R-2000 HOME .....\$8,000 – \$12,000**



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<sup>1</sup> Volatile Organic Compounds (VOCs) are emitted from a wide variety of traditional building materials and are known to have negative health effects. Concentrations of many VOCs are often up to 10 times higher in traditionally built houses than outdoors.