



KEEP  
OUTSIDE  
OUT.



**JELD-WEN**  
WINDOWS & DOORS  
PORTES ET FENÊTRES

**NORTHERN TRI-PANE COLLECTION™**



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## COMPANY OVERVIEW

As a global leader, JELD-WEN® offers a complete assortment of dependable and energy efficient windows and doors — our products deliver the best value at every price point for builders, professional contractors and homeowners across Canada.



# NORTHERN TRI-PANE COLLECTION™

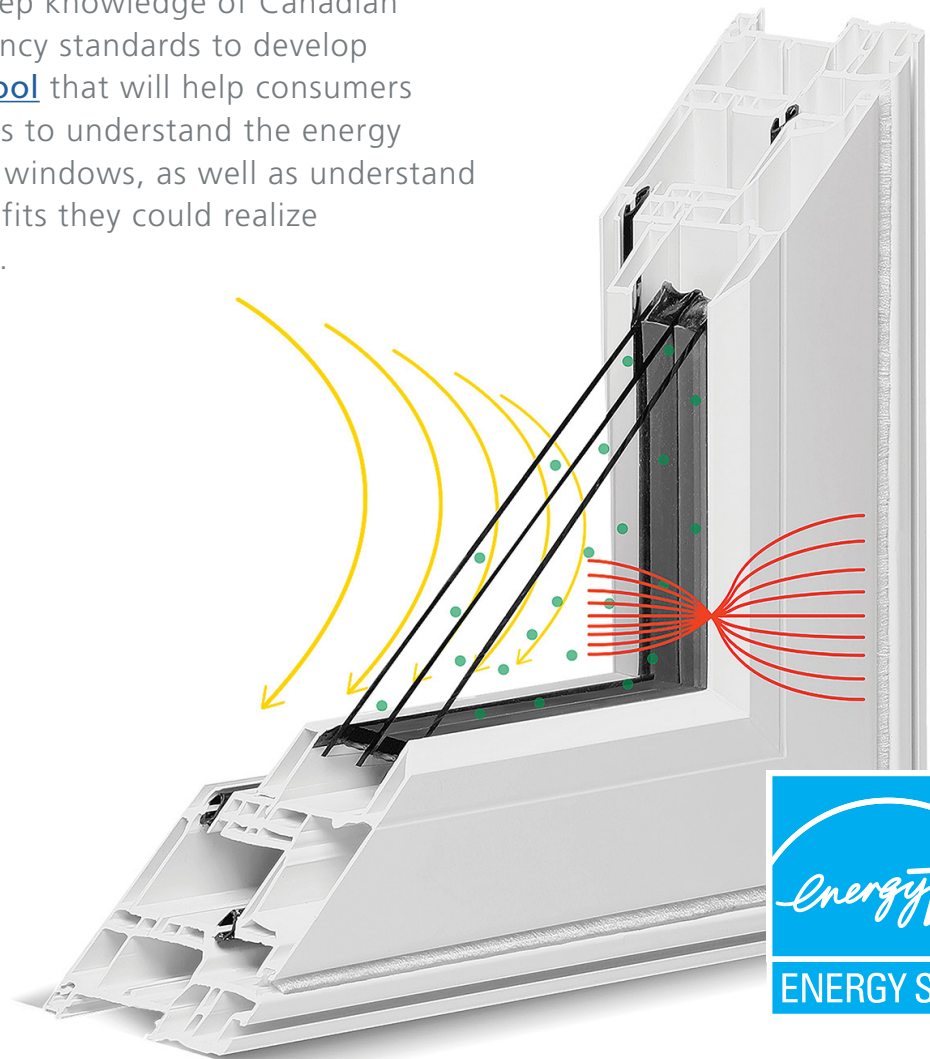
## CANADIAN MADE FOR CANADIAN CLIMATES

Only JELD-WEN® True Tri-Pane Technology™ can offer superior efficiency, enhanced home comfort and exterior noise reduction. JELD-WEN® Northern Tri-Pane Collection™ windows are designed with more robust frames for increased durability.

## KEEP OUTSIDE OUT

We've tapped into our deep knowledge of Canadian building codes and efficiency standards to develop an [online visualization tool](#) that will help consumers or consulting professionals to understand the energy efficiency of their current windows, as well as understand the cost savings and benefits they could realize with JELD-WEN® products.

VISIT



# THE BENEFITS OF TRI-PANE.

The Northern Tri-Pane Collection™ is available in a full assortment of window styles designed to meet and exceed ENERGY STAR® requirements across Canada. The Northern Tri-Pane Collection™ includes DF®, Willmar® and Versa (United®) Tri-Pane products.



## CANADIAN-MADE FOR CANADIAN CLIMATES.

Only JELD-WEN® True Tri-Pane Technology™ can offer:

### 1 Superior Efficiency

- True Tri-Pane Technology™ provides two 1/2" air spaces, with Low-E Argon Fill for a U-factor of 1.08 to 1.02.
- The exterior pane insulates the interior panes and reduces home heating and cooling costs.

### 2 Enhanced Home Comfort

- The extra airspace between each pane acts as a second layer of insulation.
- The interior panes reduce radiant heat and condensation, allowing for more cold-weather humidity, eliminating dry, winter air.

### 3 Exterior Noise Reduction

- The interior panes reduce exterior noise and increase interior sound attenuation, creating a quieter, healthier environment.



A NATIONAL  
LEADER.

A trusted brand in the Canadian building products industry, JELD-WEN® is the only full line manufacturer of windows and doors with value and performance for every price point in the market.



## Partnership with ENERGY STAR®

Windows and Doors that perform efficiently lower energy costs, create a more comfortable home, and decrease strain on the environment. As a long-time ENERGY STAR® partner, JELD-WEN® remains committed to developing products that deliver these important benefits.

### ENERGY STAR® 2020

In an effort to increase efficiency standards across the board, ENERGY STAR® is establishing heightened efficiency criteria across the country.



### ENERGY STAR® QUALIFYING CRITERIA 2015-2019

FEBRUARY 2015 - DECEMBER 2019						
WINDOWS						
Zone	Heating Degree-Day Range	Compliance Paths				
		Energy Rating	Max Air Leakage	OR	U-Factor	Max Air Leakage
		Minimum ER (Dimensionless) Maximum U-Factor 2.00 W/m <sup>2</sup> •K (0.35 Btu/h•ft. <sup>2</sup> •°F)			Maximum U-Factor 2.00 W/m <sup>2</sup> •K (0.35 Btu/h•ft. <sup>2</sup> •°F)	Minimum ER (Unitless)
1	< 3500	25	1.5		1.60 (0.28)	16
2	> = 3500 to < 6000	29	1.5		1.40 (0.25)	20
3	> = 6000	34	1.5		1.20 (0.21)	24

### ENERGY STAR® 2020 STANDARDS

Product	Maximum U-Factor W/m <sup>2</sup> (Btu/h•ft <sup>2</sup> •°F)	OR	Minimum Energy Rating (Unitless)
Windows and Doors	1.22 (0.21)		34
Skylights	2.29 (0.40)		N/A

#### Introducing

#### THE NEW

## Northern Tri-Pane Collection™

#### featuring True Tri-Pane Technology™

The commitment to efficiency continues with the introduction of the new Northern Tri-Pane Collection™, which is 2020 ENERGY STAR® certified and ready to meet upcoming building code changes across Canada.

#### Total Comfort

Increases the home's relative humidity for a warmer winter and allows less radiant heat for a cooler summer.

#### Improved Insulation

Allows the homeowner to enjoy some peace and quiet with superior sound insulation that blocks out more outside noise.

#### Increased Efficiency

Saves your customers money on their energy bills and helps them live a more efficient life!





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[jeld-wen.ca](http://jeld-wen.ca)