



AIR INFILTRATION

**Minimize Air Infiltration and
Maximize Energy Savings & Comfort**

**BAINBRIDGE™
LUXURY
EDITION**

 **Soft-Lite®**
Windows
Bringing quality to light.

Before Investing in New Windows, Always Compare the Air Infiltration Ratings.

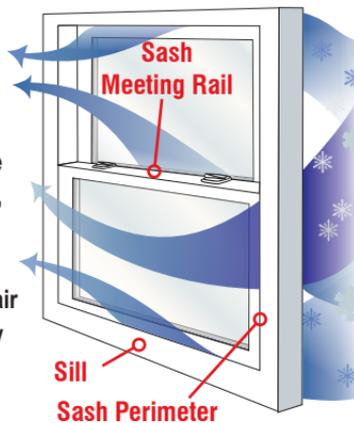
Facts You Should Know

The lower the CFM Rating...

- the less outside air will leak into your home.
- the more comfortable your home will be with fewer drafts.
- the less your furnace will run & the more money you'll SAVE.
- the smaller your carbon footprint.

WHY DO WINDOWS LEAK AIR?

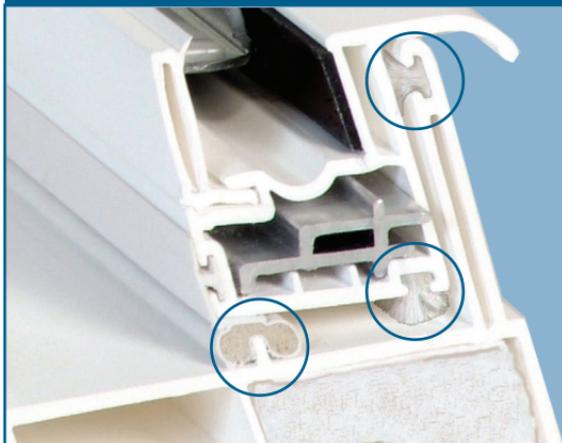
POINTS OF AIR INFILTRATION



Poorly designed windows don't have the built-in airlocks, weather stripping, and barriers necessary to keep air from forcing its way in. Without these design features, air will push between the sash meeting rails and around the sash perimeter where it meets the frame and sill.

We know how uncomfortable a home with leaky windows will be. So we loaded the Bainbridge™ LE window with weather barriers that go far beyond the industry standard and other manufacturer's window designs.

THE BAINBRIDGE™ LE DURA-SILL™ DESIGN PREVENTS AIR INFILTRATION THE BEST!



Numerous air barriers designed into Bainbridge™ LE windows prevent airflow from forcing its way into your home.

AIR INFILTRATION COMPARISON

CFM = **GALLONS** = **12oz SODA CANS**
 (Cubic Foot per Minute)

1 CFM
 of air leakage per minute



7.5 gallons
 of air per minute



80 soda cans of air per minute
 (960 oz/min)

INDUSTRY
 STANDARD*

.30 CFM
 of air leakage per minute



2.25 gallons
 of air per minute



24 soda cans of air per minute
 (288 oz/min)

Traditional Wood Residential
 Double-Hung Windows
 (Pella®/Marvin®/
 Jeld-Wen®/Andersen®)

.23 CFM
 of air leakage per minute
 Industry Average Range
 from 0.12 CFM to 0.30 CFM**



1.725 gallons
 of air per minute



18.4 soda cans of air per minute
 (220.8 oz/min)

Traditional Vinyl Residential
 High-Performance
 Double-Hung Windows
 (Alside®/Simonton®/Champion®)

.15 CFM
 of air leakage per minute
 Industry Average Range
 from 0.11 CFM to 0.21 CFM**



1.125 gallons
 of air per minute



12 soda cans of air per minute
 (144 oz/min)

BAINBRIDGE™
LUXURY
EDITION

.06 CFM
 of air leakage per minute



0.45 gallons
 of air per minute



4.8 soda cans of air per minute
 (57.6 oz/min)

Bainbridge™ LE windows are **over 3 times more air tight**
 than traditional wood residential double-hung windows.

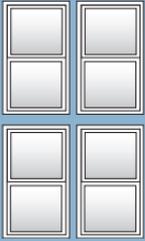
***INDUSTRY STANDARD:** AAMA® (American Architectural Manufacturers Association®) has set the Industry Standard for Maximum Allowable Air Infiltration at **0.30 CFM** (Cubic feet per minute) during a 25 MPH wind. This is equal to **2.25 GALLONS** or **24 SODA CANS** of air leaking through the window **EVERY MINUTE!**

**References valid as of October 1, 2010 based on our competitor's web sites and independent testing.

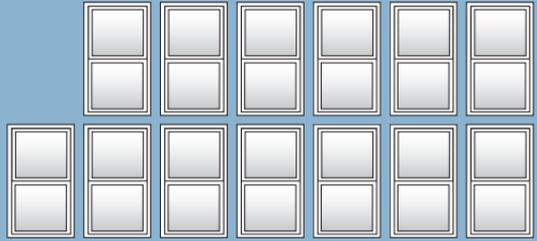
Traditional Wood Residential Double-Hung Windows

VS BAINBRIDGE™ LE Windows

(Pella®/Marvin®/
Jeld-Wen®/Andersen®)



Average
883.2 oz
air/minute



Average 873.6 oz air/minute

The amount of air that leaks through four traditional wood windows is more than 13 Bainbridge LE Windows combined.

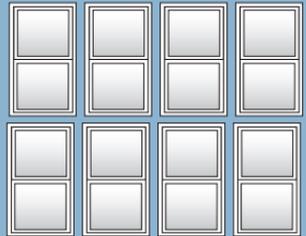
BAINBRIDGE LE WINDOWS are over 3 TIMES MORE AIRTIGHT than traditional wood residential double-hung windows.

Traditional Vinyl Residential High-Performance Double-Hung Windows VS BAINBRIDGE LE Windows

(Alside®/Simonton®/
Champion®)



Average
576 oz
air/minute



Average 537.6 oz air/minute

The amount of air that leaks through four traditional vinyl windows is more than 8 Bainbridge LE Windows combined.

BAINBRIDGE LE WINDOWS are over 2 TIMES MORE AIRTIGHT than traditional vinyl residential high-performance double-hung windows.