



CLASSIC™ VINYL WINDOWS AIR INFILTRATION

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



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

Facts You Should Know

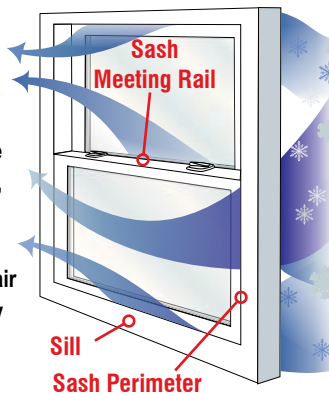
The lower the CFM Rating...

- 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 Classic™ window with weather barriers that go far beyond the industry standard and other manufacturer's window designs.

THE CLASSIC™ DURA-SILL™ DESIGN PREVENTS AIR INFILTRATION THE BEST!

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

1. Comfort Foam*
2. Ultra-Smart™ triple-fin weather stripping
3. Soft-Seal straddle gasket
4. Dura Sill's double-walled sill dam

*Comfort Foam is optional.



AIR INFILTRATION COMPARISON

CFM
(Cubic Foot per Minute)

=

GALLONS

=

12oz SODA CANS

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)

**CLASSIC™
VINYL WINDOWS**

.07 CFM

of air leakage per minute***



0.525 gallons
of air per minute



5.6 soda cans of air per minute
(105.6 oz/min)

Classic™ windows are **over THREE times more airtight**
than traditional wood residential double-hung windows.

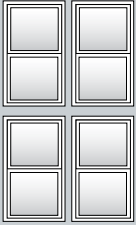
***INDUSTRY STANDARD:** AAMA® (American Architectural Manufacturers Association®) has set the Industry Standard for Maximum Allowable Air Infiltration at **0.30 CFM** (Cubic feet per minute) during a 25 MPH wind. This is equal to **2.25 GALLONS** or **24 SODA CANS** of air leaking through the window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

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

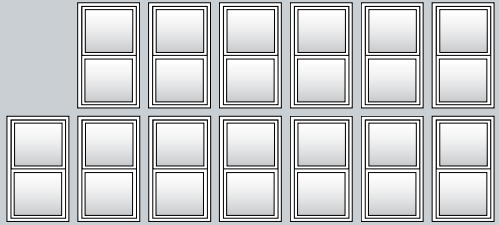
*** Classic Window with reinforcement upgrade achieves .07 CFM air rating

Traditional Wood Residential Double-Hung Windows VS CLASSIC™ Windows

(Pella®/Marvin®/
Jeld-Wen®/Andersen®)



Average
883.2 oz
air/minute

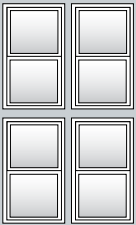


The amount of air that leaks through four traditional wood windows is equal to 13 Classic Windows combined.

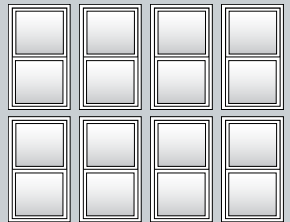
CLASSIC WINDOWS are over THREE TIMES MORE AIRTIGHT than traditional wood residential double-hung windows.

Traditional Vinyl Residential High-Performance Double-Hung Windows VS CLASSIC™ Windows

(Alside®/Simonton®/
Champion®)



Average
576 oz
air/minute



The amount of air that leaks through four traditional vinyl windows is equal to 8 Classic Windows combined.

CLASSIC WINDOWS are over TWO TIMES MORE AIRTIGHT than traditional vinyl residential high-performance double-hung windows.