

## AIR INFILTRATION AND DP RATINGS MAKE ALL THE DIFFERENCE! COMPARE WITH INDUSTRY SPECS AND THE COMPETITION.

Homeowners want comfort in their home, not drafts from leaking windows. They don't want rainwater or melting snow leaking in and destroying their beautiful interiors. They want windows that will last. Atrium windows are well designed, engineered, manufactured and tested to meet the homeowner's expectations.



Presented by  
**Brian McCauley**  
Director of Sales Training  
**ProSales**  
Magazine Columnist

### Air Infiltration

What good is a window with a low U-Value if it lets in excessive air?

Testing requires **25 mph** wind load against the glass  
AAMA Criteria: Less than **.30 CFM** (Cubic Feet/Minute)

Atrium 8300 DH	<b>.10 CFM</b>	<b><u>200%</u> better than AAMA spec</b>
Atrium 8700 DH	<b>.11 CFM</b>	<b><u>173%</u> better than AAMA spec</b>
Atrium 8900 DH	<b>.08 CFM</b>	<b><u>275%</u> better than AAMA spec</b>

### Water Resistance

What good is a window that lets in the rain?

Testing with 8" of rain per hour w/increasing wind loads

AAMA Minimum: 33 MPH      **Industry Avg: 42 MPH**

Atrium 8300 DH	5.43 PSF ( <b>45 MPH</b> )	<b><u>8%</u> above Industry Average</b>
Atrium 8700 DH	7.52 PSF ( <b>54 MPH</b> )	<b><u>31%</u> above Industry Average</b>
Atrium 8900 DH	9.19 PSF ( <b>59 MPH</b> )	<b><u>41%</u> above Industry Average</b>

### Structural Integrity

What good is an inexpensive window if it doesn't work well and doesn't last?

Testing requires increasing wind loads until the product breaks

AAMA Minimum: 94 MPH      **Industry Avg: 141 MPH**

Atrium 8300 DH	DP 35 ( <b>143 MPH</b> )	<b><u>2%</u> above Industry Average</b>
Atrium 8700 DH	DP 35-50 ( <b>171 MPH</b> )	<b><u>22%</u> above Industry Average</b>
Atrium 8900 DH	DP 60 ( <b>187 MPH</b> )	<b><u>33%</u> above Industry Average</b>