



# TEST REPORT

## Casement Window

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### Test Report Specifications Casement / Awning

ANSI/AMAA/NWWDA 101/I.S-97  
Report # 54876.01-701-47

#### Summary of Results

Title	Specimen 1	Specimen 2	Specimen 3	Specimen 4
DP Rating	<b>C-C30</b> 36 x 72	<b>C-C30</b> 36 x 60	<b>C-C35</b> 36 x 60	<b>C-R20</b> 36 x 60
Air Infiltration	0.01 cfm/ft <sup>2</sup>	N/A	N/A	N/A
Water Resistance Pressure	12.0 psf	N/A	N/A	12.0 psf
Uniform Deflection Pressure	30.0 psf	30.0 psf	35.0 psf	20.0 psf
Uniform Structural Pressure	45.0 psf	34.0 psf	52.5 psf	30.0 psf
Deglazing	Passed	Passed	Passed	Passed
Forced Entry Resistance	Grade 10	N/A	N/A	N/A

**NFRC 100/200/500**  
Report # 90066.04-116-45

Base Unit Validated 23.625" x 59.00"	
Simulated Thermal Transmittance (U-Factor)	0.28

#### Specific Thermal Results

Spacer Type	Super Spacer				Specifically for the Northern Climate Zone	
	E-Max* (Low-e <sup>2</sup> ) w/Argon		Advanced E-Max (Low-e <sup>3</sup> ) w/Argon		Clear & LowE 180 w/Argon	
	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
<b>U-Factor</b>	<b>0.27</b>	<b>0.27</b>	<b>0.26</b>	<b>0.26</b>	<b>0.27</b>	<b>0.27</b>
<b>SHGC</b>	<b>0.26</b>	<b>0.24</b>	<b>0.19</b>	<b>0.17</b>	<b>0.48</b>	<b>0.43</b>
VT	0.48	0.43	0.29	0.27	0.54	0.49
CR	60	60	60	60	59	59