



## Performance Grade and Air Infiltration – A-Series Windows and Patio Doors

For current performance information, please visit [andersenwindows.com](http://andersenwindows.com).

Andersen® Product	Glass Construction	AAMA/WDMA/CSA 101/I.S.2/A440 Performance Grade (PG)	+/- Corresponding Design Pressure (DP)	Air Infiltration CFM/FT <sup>2</sup>
<b>Casement Windows</b>				
Casement (venting/stationary)	Dual-Pane	Class LC-PG50 Size Tested 47" x 95"	50/50	< 0.2
Casement, PG Upgrade (venting/stationary)	Dual-Pane	Class LC-PG70 Size Tested 35" x 95"	70/70	< 0.2
Casement, PG Upgrade (stationary)	Dual-Pane	Class LC-PG70 Size Tested 47" x 47"	70/70	< 0.2
Casement, PG Upgrade (stationary)	Dual-Pane	Class LC-PG60 Size Tested 47" x 95"	60/60	< 0.2
Casement, PG Upgrade (venting)	Dual-Pane	Class LC-PG60 Size Tested 47" x 46"	60/60	< 0.2
Casement, PG Upgrade (venting)	Dual-Pane	Class LC-PG70 Size Tested 47" x 47"	70/70	< 0.2
Casement, PG Upgrade (venting)	Dual-Pane	Class LC-PG60 Size Tested 39" x 95"	60/60	< 0.2
Casement, PG Upgrade (venting)	Dual-Pane	Class LC-PG60 Size Tested 41" x 71"	60/60	< 0.2
<b>Awning Windows</b>				
Awning (venting/stationary)	Dual-Pane	Class LC-PG50 Size Tested 71" x 47"	50/50	< 0.2
Awning, PG Upgrade (stationary)	Dual-Pane	Class LC-PG70 Size Tested 71" x 47"	70/70	< 0.2
Awning, PG Upgrade (venting)	Dual-Pane	Class LC-PG70 Size Tested 47" x 47"	70/70	< 0.2
Awning, PG Upgrade (venting)	Dual-Pane	Class LC-PG60 Size Tested 59" x 47"	60/60	< 0.2
Awning, PG Upgrade (venting)	Dual-Pane	Class LC-PG60 Size Tested 71" x 31"	60/60	< 0.2
<b>Double-Hung Windows</b>				
Double-Hung	Dual-Pane	Class LC-PG50 Size Tested 47" x 95"	50/50	< 0.2
Double-Hung, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 47" x 95"	70/70	< 0.2
<b>Picture Windows</b>				
Picture	Dual-Pane	Class LC-PG50 Size Tested 71" x 95"	50/50	< 0.2
Picture, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 71" x 95"	70/70	< 0.2
<b>Transom Windows</b>				
Fixed Transom	Dual-Pane	Class LC-PG50 Size Tested 71" x 95"	50/50	< 0.2
Fixed Transom, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 71" x 95"	70/70	< 0.2
Venting Transom	Dual-Pane	Class LC-PG50 Size Tested 71" x 31"	50/50	< 0.2
Venting Transom, PG Upgrade (stationary)	Dual-Pane	Class LC-PG70 Size Tested 71" x 31"	70/70	< 0.2
Venting Transom, PG Upgrade (venting)	Dual-Pane	Class LC-PG70 Size Tested 59" x 31"	70/70	< 0.2
Venting Transom, PG Upgrade (venting)	Dual-Pane	Class LC-PG60 Size Tested 71" x 31"	60/60	< 0.2
<b>Direct-Set Specialty Windows</b>				
Rectangle	Dual-Pane	Class LC-PG50 Size Tested 125" x 84"	50/50	< 0.2
Rectangle, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 125" x 84"	70/70	< 0.2
Arch	Dual-Pane	Class LC-PG50 Size Tested 125" x 84"	50/50	< 0.2
Arch, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 125" x 84"	70/70	< 0.2
Springline™	Dual-Pane	Class LC-PG50 Size Tested 84" x 125"	50/50	< 0.2
Springline, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 84" x 125"	70/70	< 0.2
<b>Sash-Set Specialty Windows</b>				
Rectangular	Dual-Pane	Class LC-PG50 Size Tested 125" x 75"	50/50	< 0.2
Rectangular, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 125" x 75"	70/70	< 0.2
Arch	Dual-Pane	Class LC-PG50 Size Tested 125" x 75"	50/50	< 0.2
Arch, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 125" x 75"	70/70	< 0.2
Springline™	Dual-Pane	Class LC-PG50 Size Tested 75" x 125"	50/50	< 0.2
Springline, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 75" x 125"	70/70	< 0.2
<b>Complementary Casement Windows</b>				
Casement (venting)	Dual-Pane	Class LC-PG50 Size Tested 35" x 84"	50/50	< 0.2
Casement (stationary)	Dual-Pane	Class LC-PG60 Size Tested 120" x 78"	60/60	< 0.2
French Casement (venting)	Dual-Pane	Class LC-PG30 Size Tested 56" x 72"	30/30	< 0.2

For sound transmission ratings, see page 5.

\*Performance Grade (PG) ratings may vary from tested performance rating for larger or smaller units of a particular type.  
 \*This data is accurate as of November 2022. Due to ongoing product changes, updated test results, or new industry standards, this data may change over time.  
 \*Where designated, Andersen products are certified and labeled to the requirements of the Hallmark Certification Program. Actual performance may vary based on variations in manufacturing, shipping, installation, environmental conditions and conditions of use.  
 \*Contact your Andersen supplier for more information.

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# A-SERIES PRODUCT PERFORMANCE



## Performance Grade and Air Infiltration – A-Series Windows and Patio Doors *(continued)*

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Andersen® Product	Glass Construction	AAMA/WDMA/CSA 101/1.S.2/A440 Performance Grade (PG)	+/- Corresponding Design Pressure (DP)	Air Infiltration CFM/FT <sup>2</sup>
<b>Gliding Patio Doors</b>				
Single Stationary (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 50" x 119"	45/45	< 0.2
Single Stationary, PG Upgrade (611, 80)	Dual-Pane	Class LC-PG65 Size Tested 50" x 95"	65/80	< 0.2
Single Stationary, PG Upgrade (100)	Dual-Pane	Class LC-PG55 Size Tested 50" x 119"	55/55	< 0.2
Two-Panel (611, 80)	Dual-Pane	Class LC-PG50 Size Tested 95" x 95"	50/50	< 0.2
Two-Panel (100)	Dual-Pane	Class LC-PG45 Size Tested 95" x 119"	45/45	< 0.2
Two-Panel, PG Upgrade (611)	Dual-Pane	Class LC-PG70 Size Tested 95" x 82"	70/80	< 0.2
Two-Panel, PG Upgrade (80)	Dual-Pane	Class LC-PG70 Size Tested 95" x 95"	70/70	< 0.2
Two-Panel, PG Upgrade (100)	Dual-Pane	Class LC-PG55 Size Tested 95" x 119"	55/55	< 0.2
Three-Panel (611)	Dual-Pane	Class LC-PG50 Size Tested 141" x 82"	50/50	< 0.2
Three-Panel (80, 100)	Dual-Pane	Class LC-PG40 Size Tested 141" x 119"	40/40	< 0.2
Three-Panel, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 141" x 82"	65/70	< 0.2
Three-Panel, PG Upgrade (80, 100)	Dual-Pane	Class LC-PG50 Size Tested 141" x 119"	50/50	< 0.2
Four-Panel (611)	Dual-Pane	Class LC-PG50 Size Tested 189" x 82"	50/50	< 0.2
Four-Panel (80, 100)	Dual-Pane	Class LC-PG40 Size Tested 189" x 119"	40/40	< 0.2
Four-Panel, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 189" x 82"	65/70	< 0.2
Four-Panel, PG Upgrade (80, 100)	Dual-Pane	Class LC-PG50 Size Tested 189" x 119"	50/50	< 0.2
<b>Hinged Inswing Patio Doors</b>				
Single Stationary (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 38" x 119"	45/55	< 0.2
Single Stationary, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 38" x 82"	65/80	< 0.2
Single Stationary, PG Upgrade (80, 100)	Dual-Pane	Class LC-PG65 Size Tested 38" x 119"	65/70	< 0.2
Single Active (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 38" x 119"	45/55	< 0.2
Single Active, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 38" x 82"	65/80	< 0.2
Single Active, PG Upgrade (80, 100)	Dual-Pane	Class LC-PG65 Size Tested 38" x 119"	65/70	< 0.2
Two-Panel AP/PA (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 75" x 119"	45/55	< 0.2
Two-Panel AP/PA, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 75" x 82"	65/80	< 0.2
Two-Panel AP/PA, PG Upgrade (80)	Dual-Pane	Class LC-PG65 Size Tested 75" x 95"	65/70	< 0.2
Two-Panel AP/PA, PG Upgrade (100)	Dual-Pane	Class LC-PG50 Size Tested 75" x 119"	50/65	< 0.2
Two-Panel AS/SA/SS (611, 80)	Dual-Pane	Class LC-PG45 Size Tested 71" x 95"	45/55	< 0.2
Two-Panel AS/SA/SS, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 75" x 82"	65/80	< 0.2
Two-Panel AS/SA/SS, PG Upgrade (80)	Dual-Pane	Class LC-PG65 Size Tested 75" x 95"	65/70	< 0.2
Three-Panel (611, 80)	Dual-Pane	Class LC-PG45 Size Tested 106" x 95"	45/55	< 0.2
<b>Hinged Outswing Patio Doors</b>				
Single Stationary (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 38" x 119"	45/55	< 0.2
Single Stationary, PG Upgrade (611, 80)	Dual-Pane	Class LC-PG65 Size Tested 38" x 95"	65/80	< 0.2
Single Stationary, PG Upgrade (100)	Dual-Pane	Class LC-PG65 Size Tested 38" x 119"	65/70	< 0.2
Single Active (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 38" x 119"	45/55	< 0.2
Single Active, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 38" x 82"	65/80	< 0.2
Single Active, PG Upgrade (80, 100)	Dual-Pane	Class LC-PG65 Size Tested 38" x 119"	65/70	< 0.2
Two-Panel (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 75" x 119"	45/45	< 0.2
Two Panel, PG Upgrade (611)	Dual-Pane	Class LC-PG65 Size Tested 75" x 82"	65/80	< 0.2
Two Panel, PG Upgrade (80)	Dual-Pane	Class LC-PG65 Size Tested 75" x 95"	65/70	< 0.2
Two Panel, PG Upgrade (100)	Dual-Pane	Class LC-PG55 Size Tested 75" x 119"	55/55	< 0.2

For sound transmission ratings, see page 5.

• \*Performance Grade (PG) ratings may vary from tested performance rating for larger or smaller units of a particular type.  
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# A-SERIES PRODUCT PERFORMANCE



## Performance Grade and Air Infiltration – A-Series Windows and Patio Doors *(continued)*

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<b>Patio Door Transoms &amp; Sidelights</b>				
Transom	Dual-Pane	Class LC-PG70 Size Tested 112" x 27"	70/80	< 0.2
Sidelight Transom	Dual-Pane	Class LC-PG70 Size Tested 18" x 27"	70/70	< 0.2
Sidelight Transom, PG Upgrade	Dual-Pane	Class LC-PG70 Size Tested 18" x 27"	70/80	< 0.2
Sidelight (611, 80, 100)	Dual-Pane	Class LC-PG45 Size Tested 18" x 119"	45/70	< 0.2
Sidelight, PG Upgrade (611, 80, 100)	Dual-Pane	Class LC-PG70 Size Tested 18" x 119"	70/80	< 0.2
<b>Complementary Springline™ &amp; Arch Hinged Inswing Patio Doors</b>				
Single Stationary	Dual-Pane	Class LC-PG45 Size Tested 75.3" x 95.5"	45/45	< 0.2
Single Active*	Dual-Pane	Class LC-PG45 Size Tested 37.9" x 95.5"	45/45	< 0.2
Two-Panel Stationary	Dual-Pane	Class LC-PG45 Size Tested 75.3" x 95.5"	45/45	< 0.2
Two-Panel Active*	Dual-Pane	Class LC-PG45 Size Tested 75.3" x 95.5"	45/45	< 0.2
<b>Complementary Springline &amp; Arch Hinged Outswing Patio Doors</b>				
Single Stationary	Dual-Pane	Class LC-PG45 Size Tested 75.3" x 95.5"	45/45	< 0.2
Single Active*	Dual-Pane	Class LC-PG45 Size Tested 37.9" x 95.5"	45/45	< 0.2
Two-Panel Stationary	Dual-Pane	Class LC-PG45 Size Tested 75.3" x 95.5"	45/45	< 0.2
Two-Panel Active*	Dual-Pane	Class LC-PG45 Size Tested 75.3" x 95.5"	45/45	< 0.2

For sound transmission ratings, see page 5.

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- \*Contact your Andersen supplier for more information.
- \*Tested with standard multi-point hardware.

# A-SERIES PRODUCT PERFORMANCE



## Sound Transmission Ratings – A-Series Windows and Patio Doors

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Andersen® Product	Glass Construction	Sound Transmission Class (STC)	Outdoor/Indoor Transmission Class (OITC)
<b>Casement Windows</b>			
Casement	Dual-Pane	27	23
	Triple-Pane	30	25
Awning	Dual-Pane	†	†
	Triple-Pane	29	23
Double-Hung	Dual-Pane	27	22
	Triple-Pane	28	23
Picture	Dual-Pane	27	22
	Triple-Pane	30	25
Venting Transom	Dual-Pane	28	22
	Triple-Pane	28	23
Fixed Transom	Dual-Pane	27	22
	Triple-Pane	31	24
<b>Direct-Set Specialty Windows</b>			
Rectangular	Dual-Pane	28	24
Arch	Dual-Pane	28	24
Springline™	Dual-Pane	28	24
<b>Sash-Set Specialty Windows</b>			
Rectangular	Dual-Pane	29	24
Arch	Dual-Pane	29	24
Springline	Dual-Pane	29	24
<b>Gliding Patio Doors</b>			
Single Stationary	Dual-Pane	†	†
	Triple-Pane	32	28
Single Stationary, PG Upgrade	Dual-Pane	†	†
Two-Panel	Dual-Pane	†	†
	Triple-Pane	29	25
Two-Panel, PG Upgrade	Dual-Pane	†	†
Three-Panel	Dual-Pane	†	†
Three-Panel, PG Upgrade	Dual-Pane	†	†
Four-Panel	Dual-Pane	†	†
Four-Panel, PG Upgrade	Dual-Pane	†	†
<b>Hinged Inswing Patio Doors</b>			
Single Stationary	Dual-Pane	30	26
Single Stationary, PG Upgrade	Dual-Pane	30	26
Single Active	Dual-Pane	30	26
	Triple-Pane	31	25
Single Active, PG Upgrade	Dual-Pane	30	26
Two-Panel AP/PA	Dual-Pane	30	25
	Triple-Pane	31	25
Two-Panel AP/PA, PG Upgrade	Dual-Pane	30	25
Two-Panel AS/SA/SS	Dual-Pane	30	25
Two-Panel AS/SA/SS, PG Upgrade	Dual-Pane	30	25
Three-Panel	Dual-Pane	†	†

Andersen® Product	Glass Construction	Sound Transmission Class (STC)	Outdoor/Indoor Transmission Class (OITC)
<b>Hinged Outswing Patio Doors</b>			
Single Stationary	Dual-Pane	30	25
Single Stationary, PG Upgrade	Dual-Pane	30	25
Single Active	Dual-Pane	30	25
	Triple-Pane	31	25
Single Active, PG Upgrade	Dual-Pane	30	25
Two-Panel	Dual-Pane	31	25
	Triple-Pane	31	25
Two-Panel, PG Upgrade	Dual-Pane	31	25
<b>Patio Door Sidelights and Transoms</b>			
Transom	Dual-Pane	†	†
Sidelight Transom	Dual-Pane	†	†
Sidelight Transom, PG Upgrade	Dual-Pane	†	†
Sidelight	Dual-Pane	†	†
Sidelight, PG Upgrade	Dual-Pane	†	†
<b>Complementary Springline™ &amp; Arch Hinged Inswing Patio Doors</b>			
Single Stationary	Dual-Pane	†	†
Single Active	Dual-Pane	30	25
Two-Panel Stationary	Dual-Pane	†	†
Two-Panel Active	Dual-Pane	30	25
<b>Complementary Springline &amp; Arch Hinged Outswing Patio Doors</b>			
Single Stationary	Dual-Pane	†	†
Single Active	Dual-Pane	31	25
Two-Panel Stationary	Dual-Pane	†	†
Two-Panel Active	Dual-Pane	31	25

\* "Sound Transmission Class (STC)" and "Outdoor/Indoor Transmission Class (OITC)" ratings are for individual units based on independent tests and represent entire unit.

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†Data not available.