



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

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

| Andersen® A-Series 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 (Traditional &amp; Contemporary) Windows</b>               |                    |   |  |                                      |
| Casement (Traditional & Contemporary) (stationary)                     | Dual-Pane          | Class LC-PG50 Size Tested 47" x 95"                 | 50/50                                  | < 0.2                                |
| Casement (Traditional & Contemporary) (venting)                        | Dual-Pane          | Class LC-PG50 Size Tested 47" x 71"                 | 50/50                                  | < 0.2                                |
| Casement (Traditional & Contemporary) (venting)                        | Dual-Pane          | Class LC-PG50 Size Tested 39" x 95"                 | 50/50                                  | < 0.2                                |
| Casement (Traditional & Contemporary) (venting)                        | Dual-Pane          | Class LC-PG40 Size Tested 47" x 95"                 | 40/40                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (venting/stationary) | Dual-Pane          | Class LC-PG70 Size Tested 35" x 95"                 | 70/70                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (stationary)         | Dual-Pane          | Class LC-PG70 Size Tested 47" x 47"                 | 70/70                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (stationary)         | Dual-Pane          | Class LC-PG60 Size Tested 47" x 95"                 | 60/60                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (venting)            | Dual-Pane          | Class LC-PG60 Size Tested 47" x 46"                 | 60/60                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (venting)            | Dual-Pane          | Class LC-PG70 Size Tested 47" x 47"                 | 70/70                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (venting)            | Dual-Pane          | Class LC-PG60 Size Tested 39" x 95"                 | 60/60                                  | < 0.2                                |
| Casement (Traditional & Contemporary), PG Upgrade (venting)            | Dual-Pane          | Class LC-PG60 Size Tested 41" x 71"                 | 60/60                                  | < 0.2                                |
| <b>Awning (Traditional) Windows</b>                                    |                    |   |  |                                      |
| Awning (Traditional) (venting/stationary)                              | Dual-Pane          | Class LC-PG50 Size Tested 71" x 47"                 | 50/50                                  | < 0.2                                |
| Awning (Traditional), PG Upgrade (stationary)                          | Dual-Pane          | Class LC-PG70 Size Tested 71" x 47"                 | 70/70                                  | < 0.2                                |
| Awning (Traditional), PG Upgrade (venting)                             | Dual-Pane          | Class LC-PG70 Size Tested 47" x 47"                 | 70/70                                  | < 0.2                                |
| Awning (Traditional), PG Upgrade (venting)                             | Dual-Pane          | Class LC-PG60 Size Tested 59" x 47"                 | 60/60                                  | < 0.2                                |
| Awning (Traditional), PG Upgrade (venting)                             | Dual-Pane          | Class LC-PG60 Size Tested 71" x 31"                 | 60/60                                  | < 0.2                                |
| <b>Venting Transom Windows &amp; Awning (Contemporary) Windows</b>     |                    |   |  |                                      |
| Venting Transom, Awning (Contemporary) (venting)                       | Dual-Pane          | Class LC-PG50 Size Tested 71" x 31"                 | 50/50                                  | < 0.2                                |
| Venting Transom, Awning (Contemporary), PG Upgrade (stationary)        | Dual-Pane          | Class LC-PG70 Size Tested 71" x 31"                 | 70/70                                  | < 0.2                                |
| Venting Transom, Awning (Contemporary), PG Upgrade (venting)           | Dual-Pane          | Class LC-PG70 Size Tested 59" x 31"                 | 70/70                                  | < 0.2                                |
| Venting Transom, Awning (Contemporary), PG Upgrade (venting)           | Dual-Pane          | Class LC-PG60 Size Tested 71" x 31"                 | 60/60                                  | < 0.2                                |
| <b>Fixed Transom Windows &amp; Picture (Contemporary) Windows</b>      |                    |   |  |                                      |
| Fixed Transom, Picture (Contemporary)                                  | Dual-Pane          | Class LC-PG50 Size Tested 71" x 95"                 | 50/50                                  | < 0.2                                |
| Fixed Transom, Picture (Contemporary), PG Upgrade                      | Dual-Pane          | Class LC-PG70 Size Tested 71" x 95"                 | 70/70                                  | < 0.2                                |
| <b>Picture (Traditional) Windows</b>                                   |                    |   |  |                                      |
| Picture (Traditional)  | Dual-Pane          | Class LC-PG50 Size Tested 71" x 95"                 | 50/50                                  | < 0.2                                |
| Picture (Traditional), PG Upgrade                                      | Dual-Pane          | Class LC-PG70 Size Tested 71" x 95"                 | 70/70                                  | < 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>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>                                  |                    |   |  |                                      |

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

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

| Andersen® A-Series 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</b> (venting)                      | Dual-Pane          | Class LC-PG50 Size Tested 35" x 84"                 | 50/50                                  | < 0.2                                |
| <b>Casement</b> (stationary)                   | Dual-Pane          | Class LC-PG60 Size Tested 120" x 78"                | 60/60                                  | < 0.2                                |
| <b>French Casement</b> (venting)               | Dual-Pane          | Class LC-PG30 Size Tested 56" x 72"                 | 30/30                                  | < 0.2                                |
| <b>Gliding Patio Doors</b>                     |                    |   |  |                                      |
| <b>Single Stationary</b> (611, 80, 100)        | Dual-Pane          | Class LC-PG45 Size Tested 50" x 119"                | 45/45                                  | < 0.2                                |
| <b>Single Stationary, PG Upgrade</b> (611, 80) | Dual-Pane          | Class LC-PG65 Size Tested 50" x 95"                 | 65/80                                  | < 0.2                                |
| <b>Single Stationary, PG Upgrade</b> (100)     | Dual-Pane          | Class LC-PG55 Size Tested 50" x 119"                | 55/55                                  | < 0.2                                |
| <b>Two-Panel</b> (611, 80)                     | Dual-Pane          | Class LC-PG50 Size Tested 95" x 95"                 | 50/50                                  | < 0.2                                |
| <b>Two-Panel</b> (100)                         | Dual-Pane          | Class LC-PG45 Size Tested 95" x 119"                | 45/45                                  | < 0.2                                |
| <b>Two-Panel, PG Upgrade</b> (611)             | Dual-Pane          | Class LC-PG70 Size Tested 95" x 82"                 | 70/80                                  | < 0.2                                |
| <b>Two-Panel, PG Upgrade</b> (80)              | Dual-Pane          | Class LC-PG70 Size Tested 95" x 95"                 | 70/70                                  | < 0.2                                |
| <b>Two-Panel, PG Upgrade</b> (100)             | Dual-Pane          | Class LC-PG55 Size Tested 95" x 119"                | 55/55                                  | < 0.2                                |
| <b>Three-Panel</b> (611)                       | Dual-Pane          | Class LC-PG50 Size Tested 141" x 82"                | 50/50                                  | < 0.2                                |
| <b>Three-Panel</b> (80, 100)                   | Dual-Pane          | Class LC-PG40 Size Tested 141" x 119"               | 40/40                                  | < 0.2                                |
| <b>Three-Panel, PG Upgrade</b> (611)           | Dual-Pane          | Class LC-PG65 Size Tested 141" x 82"                | 65/70                                  | < 0.2                                |
| <b>Three-Panel, PG Upgrade</b> (80, 100)       | Dual-Pane          | Class LC-PG50 Size Tested 141" x 119"               | 50/50                                  | < 0.2                                |
| <b>Four-Panel</b> (611)                        | Dual-Pane          | Class LC-PG50 Size Tested 189" x 82"                | 50/50                                  | < 0.2                                |
| <b>Four-Panel</b> (80, 100)                    | Dual-Pane          | Class LC-PG40 Size Tested 189" x 119"               | 40/40                                  | < 0.2                                |
| <b>Four-Panel, PG Upgrade</b> (611)            | Dual-Pane          | Class LC-PG65 Size Tested 189" x 82"                | 65/70                                  | < 0.2                                |
| <b>Four-Panel, PG Upgrade</b> (80, 100)        | Dual-Pane          | Class LC-PG50 Size Tested 189" x 119"               | 50/50                                  | < 0.2                                |
| <b>Hinged Inswing Patio Doors</b>              |                    |   |  |                                      |
| <b>Single Stationary</b> (611, 80, 100)        | Dual-Pane          | Class LC-PG45 Size Tested 38" x 119"                | 45/55                                  | < 0.2                                |
| <b>Single Stationary, PG Upgrade</b> (611)     | Dual-Pane          | Class LC-PG65 Size Tested 38" x 82"                 | 65/80                                  | < 0.2                                |
| <b>Single Stationary, PG Upgrade</b> (80, 100) | Dual-Pane          | Class LC-PG65 Size Tested 38" x 119"                | 65/70                                  | < 0.2                                |
| <b>Single Active</b> (611, 80, 100)            | Dual-Pane          | Class LC-PG45 Size Tested 38" x 119"                | 45/55                                  | < 0.2                                |
| <b>Single Active, PG Upgrade</b> (611)         | Dual-Pane          | Class LC-PG65 Size Tested 38" x 82"                 | 65/80                                  | < 0.2                                |
| <b>Single Active, PG Upgrade</b> (80, 100)     | Dual-Pane          | Class LC-PG65 Size Tested 38" x 119"                | 65/70                                  | < 0.2                                |
| <b>Two-Panel AP/PA</b> (611, 80, 100)          | Dual-Pane          | Class LC-PG45 Size Tested 75" x 119"                | 45/55                                  | < 0.2                                |
| <b>Two-Panel AP/PA, PG Upgrade</b> (611)       | Dual-Pane          | Class LC-PG65 Size Tested 75" x 82"                 | 65/80                                  | < 0.2                                |
| <b>Two-Panel AP/PA, PG Upgrade</b> (80)        | Dual-Pane          | Class LC-PG65 Size Tested 75" x 95"                 | 65/70                                  | < 0.2                                |
| <b>Two-Panel AP/PA, PG Upgrade</b> (100)       | Dual-Pane          | Class LC-PG50 Size Tested 75" x 119"                | 50/65                                  | < 0.2                                |
| <b>Two-Panel AS/SA/SS</b> (611, 80)            | Dual-Pane          | Class LC-PG45 Size Tested 71" x 95"                 | 45/55                                  | < 0.2                                |
| <b>Two-Panel AS/SA/SS, PG Upgrade</b> (611)    | Dual-Pane          | Class LC-PG65 Size Tested 75" x 82"                 | 65/80                                  | < 0.2                                |
| <b>Two-Panel AS/SA/SS, PG Upgrade</b> (80)     | Dual-Pane          | Class LC-PG65 Size Tested 75" x 95"                 | 65/70                                  | < 0.2                                |
| <b>Three-Panel</b> (611, 80)                   | Dual-Pane          | Class LC-PG45 Size Tested 106" x 95"                | 45/55                                  | < 0.2                                |
| <b>Hinged Outswing Patio Doors</b>             |                    |   |  |                                      |
| <b>Single Stationary</b> (611, 80, 100)        | Dual-Pane          | Class LC-PG45 Size Tested 38" x 119"                | 45/55                                  | < 0.2                                |
| <b>Single Stationary, PG Upgrade</b> (611, 80) | Dual-Pane          | Class LC-PG65 Size Tested 38" x 95"                 | 65/80                                  | < 0.2                                |
| <b>Single Stationary, PG Upgrade</b> (100)     | Dual-Pane          | Class LC-PG65 Size Tested 38" x 119"                | 65/70                                  | < 0.2                                |
| <b>Single Active</b> (611, 80, 100)            | Dual-Pane          | Class LC-PG45 Size Tested 38" x 119"                | 45/55                                  | < 0.2                                |
| <b>Single Active, PG Upgrade</b> (611)         | Dual-Pane          | Class LC-PG65 Size Tested 38" x 82"                 | 65/80                                  | < 0.2                                |
| <b>Single Active, PG Upgrade</b> (80, 100)     | Dual-Pane          | Class LC-PG65 Size Tested 38" x 119"                | 65/70                                  | < 0.2                                |
| <b>Two-Panel</b> (611, 80, 100)                | Dual-Pane          | Class LC-PG45 Size Tested 75" x 119"                | 45/45                                  | < 0.2                                |
| <b>Two Panel, PG Upgrade</b> (611)             | Dual-Pane          | Class LC-PG65 Size Tested 75" x 82"                 | 65/80                                  | < 0.2                                |
| <b>Two Panel, PG Upgrade</b> (80)              | Dual-Pane          | Class LC-PG65 Size Tested 75" x 95"                 | 65/70                                  | < 0.2                                |
| <b>Two Panel, PG Upgrade</b> (100)             | Dual-Pane          | Class LC-PG55 Size Tested 75" x 119"                | 55/55                                  | < 0.2                                |

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

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

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

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\* Tested with standard multi-point hardware.