

| Supreme Casement                   | NAFS Ratings  | Range                     |                    |   |                       |  |                        |
|------------------------------------|---------------|---------------------------|--------------------|---|-----------------------|--|------------------------|
|                                    |               | NFRC/Energy Star:<br>NFRC |                    | AAMA/WDMA/CSA/I.S.2-A440-08:<br>CW-PG55-C<br>Size Tested: (38"x78") |                       | AAMA/WDMA/CSA/I.S.2-A440-08: CW-PG70-C<br>Size Tested: (32"x63") |                        |
| Glass Option                       | Energy Rating | U-value (metric)          | U-value (imperial) | Solar Heat Gain Coefficient   | Visible Transmittance | Condensation Resistance  | Energy Star Zones 2016 |
| Clear                              | 18            | 2.3                       | 0.41               | 0.51  | 0.53                  | 44   |                        |
| Clear w Grilles                    | 15            | 2.3                       | 0.41               | 0.46  | 0.47                  | 44   |                        |
| LoE/Argon                          | 31            | 1.6                       | 0.28               | 0.46  | 0.52                  | 58   | N                      |
| LoE/Argon w Grilles                | 28            | 1.6                       | 0.28               | 0.41  | 0.47                  | 58   | N                      |
| Energlass                          | 33            | 1.5                       | 0.27               | 0.46  | 0.52                  | 60   | N                      |
| Energlass w Grilles                | 30            | 1.5                       | 0.27               | 0.41  | 0.47                  | 60   | N                      |
| LoE/Argon-LSG                      | 21            | 1.5                       | 0.27               | 0.25  | 0.45                  | 59   | N, NC, SC, S           |
| LoE/Argon-LSG w Grilles            | 19            | 1.5                       | 0.27               | 0.23  | 0.41                  | 59   | N, NC, SC, S           |
| Energlass-LSG                      | 22            | 1.5                       | 0.26               | 0.25  | 0.45                  | 61   | N, NC, SC, S           |
| Energlass-LSG w Grilles            | 20            | 1.5                       | 0.26               | 0.23  | 0.41                  | 61   | N, NC, SC, S           |
| Triple                             | 30            | 1.7                       | 0.29               | 0.46  | 0.48                  | 61   | N                      |
| Triple w Grilles                   | 28            | 1.7                       | 0.29               | 0.42  | 0.43                  | 61   | N                      |
| Triple LoE/Argon x 1               | 36            | 1.3                       | 0.22               | 0.41  | 0.47                  | 70   | N                      |
| Triple LoE/Argon x 1 w Grilles     | 34            | 1.3                       | 0.22               | 0.37  | 0.43                  | 70   | N, NC                  |
| Triple LoE/Argon x 1 LSG           | 27            | 1.2                       | 0.21               | 0.23  | 0.41                  | 70   | N, NC, SC, S           |
| Triple LoE/Argon x 1 LSG w Grilles | 26            | 1.2                       | 0.21               | 0.21  | 0.37                  | 70   | N, NC, SC, S           |
| Energlass Plus Argon               | 40            | 1.0                       | 0.18               | 0.40  | 0.47                  | 77   | N, NC                  |
| Energlass Plus Argon w Grilles     | 38            | 1.0                       | 0.18               | 0.36  | 0.42                  | 77   | N, NC                  |
| Energlass Plus Argon LSG           | 30            | 1.0                       | 0.17               | 0.20  | 0.35                  | 78   | N, NC, SC, S           |
| Energlass Plus Argon LSG w Grilles | 29            | 1.0                       | 0.17               | 0.18  | 0.32                  | 78   | N, NC, SC, S           |

| Supreme Awning                     | NAFS Ratings  | Range                     |                    |  |                       |                            |                        |
|------------------------------------|---------------|---------------------------|--------------------|--|-----------------------|----------------------------|------------------------|
|                                    |               | NFRC/Energy Star:<br>NFRC |                    | AAMA/WDMA/CSA/I.S.2-A440-08:<br>LC-PG35-AP |                       | Size Tested: (60"x36.375") |                        |
| Glass Option                       | Energy Rating | U-value (metric)          | U-value (imperial) | Solar Heat Gain Coefficient                | Visible Transmittance | Condensation Resistance    | Energy Star Zones 2016 |
| Clear                              | 17            | 2.4                       | 0.42               | 0.51                                       | 0.53                  | 43                         |                        |
| Clear w Grilles                    | 14            | 2.4                       | 0.42               | 0.46                                       | 0.47                  | 43                         |                        |
| LoE/Argon                          | 30            | 1.7                       | 0.29               | 0.46                                       | 0.52                  | 57                         | N                      |
| LoE/Argon w Grilles                | 27            | 1.7                       | 0.29               | 0.41                                       | 0.47                  | 57                         | N                      |
| Energlass                          | 31            | 1.6                       | 0.28               | 0.46                                       | 0.52                  | 59                         | N                      |
| Energlass w Grilles                | 28            | 1.6                       | 0.28               | 0.41                                       | 0.47                  | 59                         | N                      |
| LoE/Argon-LSG                      | 21            | 1.5                       | 0.27               | 0.25                                       | 0.45                  | 58                         | N, NC, SC, S           |
| LoE/Argon-LSG w Grilles            | 19            | 1.5                       | 0.27               | 0.23                                       | 0.41                  | 58                         | N, NC, SC, S           |
| Energlass-LSG                      | 22            | 1.5                       | 0.26               | 0.25                                       | 0.45                  | 60                         | N, NC, SC, S           |
| Energlass-LSG w Grilles            | 20            | 1.5                       | 0.26               | 0.23                                       | 0.41                  | 60                         | N, NC, SC, S           |
| Triple                             | 30            | 1.7                       | 0.29               | 0.46                                       | 0.48                  | 61                         | N                      |
| Triple w Grilles                   | 28            | 1.7                       | 0.29               | 0.42                                       | 0.43                  | 61                         | N                      |
| Triple LoE/Argon x 1               | 36            | 1.3                       | 0.22               | 0.41                                       | 0.47                  | 69                         | N                      |
| Triple LoE/Argon x 1 w Grilles     | 34            | 1.3                       | 0.22               | 0.37                                       | 0.43                  | 69                         | N, NC                  |
| Triple LoE/Argon x 1 LSG           | 26            | 1.3                       | 0.22               | 0.23                                       | 0.41                  | 71                         | N, NC, SC, S           |
| Triple LoE/Argon x 1 LSG w Grilles | 24            | 1.3                       | 0.22               | 0.21                                       | 0.37                  | 71                         | N, NC, SC, S           |
| Energlass Plus Argon               | 40            | 1.0                       | 0.18               | 0.40                                       | 0.47                  | 76                         | N, NC                  |
| Energlass Plus Argon w Grilles     | 38            | 1.0                       | 0.18               | 0.36                                       | 0.42                  | 76                         | N, NC                  |
| Energlass Plus Argon LSG           | 30            | 1.0                       | 0.17               | 0.20                                       | 0.35                  | 77                         | N, NC, SC, S           |
| Energlass Plus Argon LSG w Grilles | 29            | 1.0                       | 0.17               | 0.18                                       | 0.32                  | 77                         | N, NC, SC, S           |

| Supreme Casement Fixed Sash        | NAFS Ratings  | AAMA/WDMA/CSA/ISO.2-A440-08: CW-PG55-FW |                    |                             |                       |                         |                        | Energy Star Zones 2016 |
|------------------------------------|---------------|---|--------------------|-----------------------------|-----------------------|-------------------------|------------------------|------------------------|
|                                    |               | NFRC/Energy Star: NFRC                  |                    | NFRC                        |                       | NFRC                    |                        |                        |
| Glass Option                       | Energy Rating | U-value (metric)                        | U-value (imperial) | Solar Heat Gain Coefficient | Visible Transmittance | Condensation Resistance | Energy Star Zones 2016 |                        |
| Clear                              | 22            | 2.4                                     | 0.43               | 0.61                        | 0.63                  | 43                      |                        |                        |
| Clear w Grilles                    | 18            | 2.4                                     | 0.43               | 0.54                        | 0.56                  | 43                      |                        |                        |
| LoE/Argon                          | 36            | 1.6                                     | 0.28               | 0.54                        | 0.62                  | 57                      | N                      |                        |
| LoE/Argon w Grilles                | 33            | 1.6                                     | 0.28               | 0.49                        | 0.55                  | 57                      | N                      |                        |
| Energlass                          | 37            | 1.5                                     | 0.27               | 0.54                        | 0.62                  | 60                      | N                      |                        |
| Energlass w Grilles                | 35            | 1.5                                     | 0.27               | 0.49                        | 0.55                  | 60                      | N                      |                        |
| LoE/Argon-LSG                      | 25            | 1.5                                     | 0.26               | 0.30                        | 0.54                  | 59                      | N, NC                  |                        |
| LoE/Argon-LSG w Grilles            | 23            | 1.5                                     | 0.26               | 0.27                        | 0.48                  | 59                      | N, NC                  |                        |
| Energlass-LSG                      | 26            | 1.4                                     | 0.25               | 0.30                        | 0.54                  | 61                      | N, NC                  |                        |
| Energlass-LSG w Grilles            | 24            | 1.4                                     | 0.25               | 0.27                        | 0.48                  | 61                      | N, NC                  |                        |
| Triple                             | 34            | 1.7                                     | 0.30               | 0.55                        | 0.58                  | 61                      | N                      |                        |
| Triple w Grilles                   | 31            | 1.7                                     | 0.30               | 0.49                        | 0.51                  | 61                      | N                      |                        |
| Triple LoE/Argon x 1               | 42            | 1.2                                     | 0.21               | 0.49                        | 0.57                  | 70                      | N                      |                        |
| Triple LoE/Argon x 1 w Grilles     | 39            | 1.2                                     | 0.21               | 0.44                        | 0.50                  | 70                      | N                      |                        |
| Triple LoE/Argon x 1 LSG           | 29            | 1.2                                     | 0.21               | 0.27                        | 0.49                  | 71                      | N, NC                  |                        |
| Triple LoE/Argon x 1 LSG w Grilles | 28            | 1.2                                     | 0.21               | 0.25                        | 0.44                  | 71                      | N, NC, SC, S           |                        |
| Energlass Plus Argon               | 46            | 1.0                                     | 0.17               | 0.47                        | 0.56                  | 76                      | N                      |                        |
| Energlass Plus Argon w Grilles     | 43            | 1.0                                     | 0.17               | 0.42                        | 0.50                  | 76                      | N                      |                        |
| Energlass Plus Argon LSG           | 33            | 0.9                                     | 0.16               | 0.23                        | 0.42                  | 78                      | N, NC, SC, S           |                        |
| Energlass Plus Argon LSG w Grilles | 32            | 0.9                                     | 0.16               | 0.21                        | 0.37                  | 78                      | N, NC, SC, S           |                        |

| Supreme Casement Wide Picture      | NAFS Ratings  | AAMA/WDMA/CSA/ISO.2-A440-08: CW-PG40-FW |                    |                             |                       |                         |                        | Energy Star Zones 2016 |
|------------------------------------|---------------|---|--------------------|-----------------------------|-----------------------|-------------------------|------------------------|------------------------|
|                                    |               | NFRC/Energy Star: NFRC                  |                    | NFRC                        |                       | NFRC                    |                        |                        |
| Glass Option                       | Energy Rating | U-value (metric)                        | U-value (imperial) | Solar Heat Gain Coefficient | Visible Transmittance | Condensation Resistance | Energy Star Zones 2016 |                        |
| Clear                              | 20            | 2.5                                     | 0.44               | 0.61                        | 0.63                  | 44                      |                        |                        |
| Clear w Grilles                    | 17            | 2.5                                     | 0.44               | 0.55                        | 0.56                  | 44                      |                        |                        |
| LoE/Argon                          | 36            | 1.6                                     | 0.28               | 0.54                        | 0.62                  | 58                      | N                      |                        |
| LoE/Argon w Grilles                | 33            | 1.6                                     | 0.28               | 0.49                        | 0.56                  | 58                      | N                      |                        |
| Energlass                          | 36            | 1.6                                     | 0.28               | 0.54                        | 0.62                  | 60                      | N                      |                        |
| Energlass w Grilles                | 33            | 1.6                                     | 0.28               | 0.49                        | 0.56                  | 60                      | N                      |                        |
| LoE/Argon-LSG                      | 25            | 1.5                                     | 0.26               | 0.30                        | 0.54                  | 59                      | N, NC                  |                        |
| LoE/Argon-LSG w Grilles            | 23            | 1.5                                     | 0.26               | 0.27                        | 0.48                  | 59                      | N, NC                  |                        |
| Energlass-LSG                      | 25            | 1.5                                     | 0.26               | 0.30                        | 0.54                  | 61                      | N, NC                  |                        |
| Energlass-LSG w Grilles            | 23            | 1.5                                     | 0.26               | 0.27                        | 0.48                  | 61                      | N, NC                  |                        |
| Triple                             | 34            | 1.7                                     | 0.30               | 0.55                        | 0.58                  | 61                      | N                      |                        |
| Triple w Grilles                   | 31            | 1.7                                     | 0.30               | 0.50                        | 0.52                  | 61                      | N                      |                        |
| Triple LoE/Argon x 1               | 42            | 1.2                                     | 0.21               | 0.49                        | 0.57                  | 69                      | N                      |                        |
| Triple LoE/Argon x 1 w Grilles     | 39            | 1.2                                     | 0.21               | 0.44                        | 0.51                  | 69                      | N                      |                        |
| Triple LoE/Argon x 1 LSG           | 30            | 1.2                                     | 0.21               | 0.28                        | 0.49                  | 70                      | N, NC                  |                        |
| Triple LoE/Argon x 1 LSG w Grilles | 28            | 1.2                                     | 0.21               | 0.25                        | 0.44                  | 70                      | N, NC, SC, S           |                        |
| Energlass Plus Argon               | 46            | 1.0                                     | 0.17               | 0.47                        | 0.56                  | 75                      | N                      |                        |
| Energlass Plus Argon w Grilles     | 43            | 1.0                                     | 0.17               | 0.42                        | 0.50                  | 75                      | N                      |                        |
| Energlass Plus Argon LSG           | 34            | 0.9                                     | 0.16               | 0.24                        | 0.42                  | 77                      | N, NC, SC, S           |                        |
| Energlass Plus Argon LSG w Grilles | 32            | 0.9                                     | 0.16               | 0.21                        | 0.37                  | 77                      | N, NC, SC, S           |                        |

| Supreme Casement<br>Narrow Picture | NAFS<br>Ratings  | Range                     |   |                                   |  |                            |                           |
|------------------------------------|------------------|---------------------------|---|-----------------------------------|--|----------------------------|---------------------------|
|                                    |                  | NFRC/Energy Star:<br>NFRC | AAMA/WDMA/CSA/ISO.2-A440-08:<br>LC-PG35-FW<br>Size Tested: (57"x108") |                                   | AAMA/WDMA/CSA/ISO.2-A440-08:<br>LC-PG40-FW<br>Size Tested: (60"x96") |                            |                           |
| Glass Option                       | Energy<br>Rating | U-value<br>(metric)       | U-value<br>(imperial)   | Solar Heat<br>Gain<br>Coefficient | Visible<br>Transmittance   | Condensation<br>Resistance | Energy Star<br>Zones 2016 |
| Clear                              | 22               | 2.6                       | 0.46  | 0.68                              | 0.71   | 44                         |                           |
| Clear w Grilles                    | 18               | 2.6                       | 0.46  | 0.61                              | 0.64   | 44                         |                           |
| LoE/Argon                          | 39               | 1.7                       | 0.29  | 0.61                              | 0.70   | 54                         | N                         |
| LoE/Argon w Grilles                | 35               | 1.7                       | 0.29  | 0.55                              | 0.63   | 54                         | N                         |
| Energlass                          | 40               | 1.6                       | 0.28  | 0.61                              | 0.70   | 56                         | N                         |
| Energlass w Grilles                | 37               | 1.6                       | 0.28  | 0.55                              | 0.63   | 56                         | N                         |
| LoE/Argon-LSG                      | 25               | 1.5                       | 0.27  | 0.33                              | 0.61   | 59                         | N, NC                     |
| LoE/Argon-LSG w Grilles            | 24               | 1.5                       | 0.27  | 0.30                              | 0.54   | 59                         | N, NC                     |
| Energlass-LSG                      | 26               | 1.5                       | 0.26  | 0.33                              | 0.61   | 61                         | N, NC                     |
| Energlass-LSG w Grilles            | 25               | 1.5                       | 0.26  | 0.30                              | 0.54   | 61                         | N, NC                     |
| Triple                             | 37               | 1.8                       | 0.31  | 0.62                              | 0.65   | 61                         |                           |
| Triple w Grilles                   | 34               | 1.8                       | 0.31  | 0.56                              | 0.58   | 61                         |                           |
| Triple LoE/Argon x 1               | 46               | 1.2                       | 0.21  | 0.55                              | 0.64   | 70                         | N                         |
| Triple LoE/Argon x 1 w Grilles     | 43               | 1.2                       | 0.21  | 0.50                              | 0.57   | 70                         | N                         |
| Triple LoE/Argon x 1 LSG           | 32               | 1.2                       | 0.21  | 0.31                              | 0.55   | 71                         | N, NC                     |
| Triple LoE/Argon x 1 LSG w Grilles | 30               | 1.2                       | 0.21  | 0.28                              | 0.50   | 71                         | N, NC                     |
| Energlass Plus Argon               | 50               | 0.9                       | 0.16  | 0.53                              | 0.63   | 76                         | N                         |
| Energlass Plus Argon w Grilles     | 48               | 0.9                       | 0.16  | 0.48                              | 0.56   | 76                         | N                         |
| Energlass Plus Argon LSG           | 36               | 0.9                       | 0.15  | 0.26                              | 0.47   | 78                         | N, NC                     |
| Energlass Plus Argon LSG w Grilles | 35               | 0.9                       | 0.15  | 0.24                              | 0.42   | 78                         | N, NC, SC, S              |

| Supreme Single Hung | NAFS<br>Ratings | Range                     |   |  |  |  |  |
|---------------------|-----------------|---------------------------|---|--|--|--|--|
|                     |                 | NFRC/Energy Star:<br>NFRC | AAMA/WDMA/CSA/ISO.2-A440-08:<br>LC-PG40-H<br>Size Tested: (43"x84") |  | AAMA/WDMA/CSA/ISO.2-A440-08:<br>R-PG70-H<br>Size Tested: (40"x63") |  |  |

| Glass Options                          | Energy<br>Rating | U-value<br>(metric) | U-value<br>(imperial) | Solar Heat<br>Gain<br>Coefficient | Visible<br>Transmittance | Condensation<br>Resistance | Energy Star<br>Zones 2016 |
|--|------------------|---------------------|-----------------------|-----------------------------------|--------------------------|----------------------------|---------------------------|
| Clear                                  | 16               | 2.7                 | 0.47                  | 0.62                              | 0.64                     | 42                         |                           |
| Clear w Grilles                        | 12               | 2.7                 | 0.47                  | 0.55                              | 0.57                     | 42                         |                           |
| LoE/Argon                              | 32               | 1.8                 | 0.31                  | 0.55                              | 0.64                     | 54                         |                           |
| LoE/Argon w Grilles                    | 29               | 1.8                 | 0.31                  | 0.50                              | 0.57                     | 54                         |                           |
| Energlass                              | 35               | 1.6                 | 0.29                  | 0.55                              | 0.64                     | 56                         | N                         |
| Energlass w Grilles                    | 32               | 1.6                 | 0.29                  | 0.50                              | 0.57                     | 56                         | N                         |
| LoE/Argon-LSG                          | 20               | 1.6                 | 0.29                  | 0.30                              | 0.55                     | 56                         | NC                        |
| LoE/Argon-LSG w Grilles                | 19               | 1.6                 | 0.29                  | 0.27                              | 0.49                     | 56                         | NC                        |
| Energlass-LSG                          | 23               | 1.5                 | 0.27                  | 0.30                              | 0.55                     | 57                         | N, NC                     |
| Energlass-LSG w Grilles                | 21               | 1.5                 | 0.27                  | 0.27                              | 0.49                     | 57                         | N, NC                     |
| Triple Clear                           | 27               | 2.0                 | 0.35                  | 0.54                              | 0.58                     | 55                         |                           |
| Triple Clear w Grilles                 | 24               | 2.0                 | 0.35                  | 0.50                              | 0.53                     | 55                         |                           |
| Triple LoE/Argon x 1                   | 33               | 1.5                 | 0.27                  | 0.48                              | 0.58                     | 62                         | N                         |
| Triple LoE/Argon x 1 w Grilles         | 29               | 1.6                 | 0.29                  | 0.45                              | 0.52                     | 62                         | N                         |
| Energlass Plus Argon                   | 39               | 1.2                 | 0.22                  | 0.47                              | 0.57                     | 67                         | N                         |
| Energlass Plus Argon w Grilles         | 32               | 1.5                 | 0.26                  | 0.43                              | 0.51                     | 67                         | N                         |
| Energlass Plus Krypton                 | 43               | 1.1                 | 0.19                  | 0.48                              | 0.57                     | 70                         | N                         |
| Energlass Plus Krypton w Grilles       | 35               | 1.3                 | 0.23                  | 0.43                              | 0.51                     | 70                         | N                         |
| Triple LoE/Argon x 1 LSG               | 25               | 1.4                 | 0.24                  | 0.27                              | 0.50                     | 65                         | N, NC                     |
| Triple LoE/Argon x 1 LSG w Grilles     | 18               | 1.6                 | 0.28                  | 0.24                              | 0.44                     | 65                         | NC, SC, S                 |
| Energlass Plus Argon LSG               | 26               | 1.2                 | 0.21                  | 0.23                              | 0.42                     | 69                         | N, NC, SC, S              |
| Energlass Plus Argon LSG w Grilles     | 20               | 1.4                 | 0.25                  | 0.21                              | 0.38                     | 69                         | N, NC, SC, S              |
| Energlass Plus Krypton - LSG           | 30               | 1.0                 | 0.18                  | 0.23                              | 0.42                     | 71                         | N, NC, SC, S              |
| Energlass Plus Krypton - LSG w Grilles | 24               | 1.2                 | 0.22                  | 0.21                              | 0.38                     | 71                         | N, NC, SC, S              |

| Supreme Single Glider                  | NAFS Ratings  | NFRC/Energy Star: |                    | AAMA/WDMA/CSA/ISO.2-A440-08: |                       | Size Tested: (63"x39")  |                        |
|--|---------------|-------------------|--------------------|------------------------------|-----------------------|-------------------------|------------------------|
|  |               | NFRC              |                    | R-PG40-HS                    |                       |                         |                        |
| Glass Options                          | Energy Rating | U-value (metric)  | U-value (imperial) | Solar Heat Gain Coefficient  | Visible Transmittance | Condensation Resistance | Energy Star Zones 2016 |
| Clear                                  | 16            | 2.7               | 0.47               | 0.62                         | 0.64                  | 46                      |                        |
| Clear w Grilles                        | 12            | 2.7               | 0.47               | 0.55                         | 0.57                  | 46                      |                        |
| LoE/Argon                              | 32            | 1.8               | 0.31               | 0.55                         | 0.64                  | 55                      |                        |
| LoE/Argon w Grilles                    | 29            | 1.8               | 0.31               | 0.50                         | 0.57                  | 55                      |                        |
| Energlass                              | 34            | 1.7               | 0.30               | 0.55                         | 0.64                  | 57                      | N                      |
| Energlass w Grilles                    | 31            | 1.7               | 0.30               | 0.50                         | 0.57                  | 57                      | N                      |
| LoE/Argon-LSG                          | 20            | 1.6               | 0.29               | 0.30                         | 0.55                  | 56                      | NC                     |
| LoE/Argon-LSG w Grilles                | 19            | 1.6               | 0.29               | 0.27                         | 0.49                  | 56                      | NC                     |
| Energlass-LSG                          | 22            | 1.6               | 0.28               | 0.30                         | 0.55                  | 59                      | NC                     |
| Energlass-LSG w Grilles                | 20            | 1.6               | 0.28               | 0.27                         | 0.49                  | 59                      | NC                     |
| Triple Clear                           | 28            | 2.0               | 0.35               | 0.56                         | 0.59                  | 54                      |                        |
| Triple Clear w Grilles                 | 23            | 2.0               | 0.36               | 0.50                         | 0.53                  | 54                      |                        |
| Triple LoE/Argon x 1                   | 36            | 1.5               | 0.26               | 0.50                         | 0.58                  | 62                      | N                      |
| Triple LoE/Argon x 1 w Grilles         | 29            | 1.6               | 0.29               | 0.45                         | 0.52                  | 62                      | N                      |
| Energlass Plus Argon                   | 39            | 1.2               | 0.22               | 0.48                         | 0.57                  | 66                      | N                      |
| Energlass Plus Argon w Grilles         | 32            | 1.5               | 0.26               | 0.43                         | 0.51                  | 66                      | N                      |
| Energlass Plus Krypton                 | 43            | 1.1               | 0.19               | 0.48                         | 0.57                  | 69                      | N                      |
| Energlass Plus Krypton w Grilles       | 35            | 1.3               | 0.23               | 0.43                         | 0.51                  | 69                      | N                      |
| Triple LoE/Argon x 1 LSG               | 24            | 1.4               | 0.25               | 0.27                         | 0.50                  | 64                      | N, NC                  |
| Triple LoE/Argon x 1 LSG w Grilles     | 18            | 1.6               | 0.28               | 0.24                         | 0.44                  | 64                      | NC, SC, S              |
| Energlass Plus Argon LSG               | 26            | 1.2               | 0.21               | 0.23                         | 0.42                  | 67                      | N, NC, SC, S           |
| Energlass Plus Argon LSG w Grilles     | 20            | 1.4               | 0.25               | 0.21                         | 0.38                  | 67                      | N, NC, SC, S           |
| Energlass Plus Krypton - LSG           | 30            | 1.0               | 0.18               | 0.23                         | 0.42                  | 70                      | N, NC, SC, S           |
| Energlass Plus Krypton - LSG w Grilles | 24            | 1.2               | 0.22               | 0.21                         | 0.38                  | 70                      | N, NC, SC, S           |

| Supreme Single Hung Picture Window     | NAFS Ratings  | NFRC/Energy Star: |                    | AAMA/WDMA/CSA/ISO.2-A440-08: |                       | AAMA/WDMA/CSA/ISO.2-A440-08: |                        |
|--|---------------|-------------------|--------------------|------------------------------|-----------------------|------------------------------|------------------------|
|  |               | NFRC              |                    | R-PG50-FW                    |                       | CW-PG60-FW                   |                        |
| Range                                  |               |                   |                    |                              |                       |                              |                        |
| Glass Options                          | Energy Rating | U-value (metric)  | U-value (imperial) | Solar Heat Gain Coefficient  | Visible Transmittance | Condensation Resistance      | Energy Star Zones 2016 |
| Clear                                  | 20            | 2.6               | 0.46               | 0.64                         | 0.66                  | 43                           |                        |
| Clear w Grilles                        | 16            | 2.6               | 0.46               | 0.57                         | 0.59                  | 43                           |                        |
| LoE/Argon                              | 36            | 1.7               | 0.30               | 0.57                         | 0.66                  | 56                           | N                      |
| LoE/Argon w Grilles                    | 32            | 1.7               | 0.30               | 0.51                         | 0.59                  | 56                           | N                      |
| Energlass                              | 38            | 1.6               | 0.28               | 0.57                         | 0.66                  | 59                           | N                      |
| Energlass w Grilles                    | 35            | 1.6               | 0.28               | 0.51                         | 0.59                  | 59                           | N                      |
| LoE/Argon-LSG                          | 23            | 1.6               | 0.28               | 0.31                         | 0.57                  | 58                           | NC                     |
| LoE/Argon-LSG w Grilles                | 21            | 1.6               | 0.28               | 0.28                         | 0.51                  | 58                           | NC                     |
| Energlass-LSG                          | 25            | 1.5               | 0.26               | 0.31                         | 0.57                  | 61                           | N, NC                  |
| Energlass-LSG w Grilles                | 24            | 1.5               | 0.26               | 0.28                         | 0.51                  | 61                           | N, NC                  |
| Triple Clear                           | 31            | 1.9               | 0.34               | 0.58                         | 0.61                  | 55                           |                        |
| Triple Clear w Grilles                 | 26            | 2.0               | 0.35               | 0.52                         | 0.53                  | 55                           |                        |
| Triple LoE/Argon x 1                   | 38            | 1.4               | 0.25               | 0.51                         | 0.60                  | 63                           | N                      |
| Triple LoE/Argon x 1 w Grilles         | 30            | 1.6               | 0.29               | 0.46                         | 0.52                  | 63                           | N                      |
| Energlass Plus Argon                   | 42            | 1.2               | 0.21               | 0.49                         | 0.59                  | 69                           | N                      |
| Energlass Plus Argon w Grilles         | 35            | 1.4               | 0.25               | 0.45                         | 0.51                  | 69                           | N                      |
| Energlass Plus Krypton                 | 48            | 1.0               | 0.17               | 0.50                         | 0.57                  | 74                           | N                      |
| Energlass Plus Krypton w Grilles       | 38            | 1.2               | 0.22               | 0.45                         | 0.51                  | 74                           | N                      |
| Triple LoE/Argon x 1 LSG               | 27            | 1.3               | 0.23               | 0.28                         | 0.51                  | 66                           | N, NC                  |
| Triple LoE/Argon x 1 LSG w Grilles     | 21            | 1.5               | 0.27               | 0.25                         | 0.46                  | 66                           | N, NC, SC, S           |
| Energlass Plus Argon LSG               | 29            | 1.1               | 0.20               | 0.24                         | 0.44                  | 71                           | N, NC, SC, S           |
| Energlass Plus Argon LSG w Grilles     | 23            | 1.4               | 0.24               | 0.22                         | 0.39                  | 71                           | N, NC, SC, S           |
| Energlass Plus Krypton - LSG           | 34            | 0.9               | 0.16               | 0.24                         | 0.44                  | 75                           | N, NC, SC, S           |
| Energlass Plus Krypton - LSG w Grilles | 26            | 1.2               | 0.21               | 0.22                         | 0.39                  | 75                           | N, NC, SC, S           |

| Supreme Double Hung        | NAFS Ratings  | NFRC/Energy Star: NFRC |                    | AAMA/WDMA/CSA/ISO 15925-6:2013: R-PG50-H |                       | Size Tested: (40"x63")  |                        |
|----------------------------|---------------|------------------------|--------------------|--|-----------------------|-------------------------|------------------------|
|                            | Energy Rating | U-value (metric)       | U-value (imperial) | Solar Heat Gain Coefficient              | Visible Transmittance | Condensation Resistance | Energy Star Zones 2016 |
| Clear                      | 15            | 2.6                    | 0.46               | 0.58                                     | 0.60                  | 43                      |                        |
| Clear w Grilles            | 12            | 2.6                    | 0.46               | 0.52                                     | 0.54                  | 43                      |                        |
| LoE/Argon                  | 31            | 1.8                    | 0.31               | 0.52                                     | 0.59                  | 55                      |                        |
| LoE/Argon w Grilles        | 27            | 1.8                    | 0.31               | 0.46                                     | 0.53                  | 55                      |                        |
| Energlass                  | 31            | 1.8                    | 0.31               | 0.52                                     | 0.59                  | 58                      |                        |
| Energlass w Grilles        | 27            | 1.8                    | 0.31               | 0.46                                     | 0.53                  | 58                      |                        |
| LoE/Argon-LSG              | 18            | 1.7                    | 0.30               | 0.29                                     | 0.52                  | 57                      | NC                     |
| LoE/Argon-LSG w Grilles    | 17            | 1.7                    | 0.30               | 0.26                                     | 0.46                  | 57                      | NC                     |
| Energlass-LSG              | 20            | 1.6                    | 0.29               | 0.29                                     | 0.52                  | 59                      | NC                     |
| Energlass-LSG w Grilles    | 18            | 1.6                    | 0.29               | 0.26                                     | 0.46                  | 59                      | NC                     |
| Triple LoE/Argon x 1       | 29            | 1.7                    | 0.30               | 0.47                                     | 0.54                  | 61                      | N                      |
| Triple LoE/Argon x 1 LSG   | 18            | 1.6                    | 0.29               | 0.27                                     | 0.47                  | 63                      | NC                     |
| Energlass Plus Argon LSG   | 21            | 1.4                    | 0.25               | 0.23                                     | 0.40                  | 66                      | N, NC, SC, S           |
| Energlass Plus Krypton LSG | 27            | 1.1                    | 0.20               | 0.23                                     | 0.40                  | 67                      | N, NC, SC, S           |
| Energlass Plus Argon       | 33            | 1.5                    | 0.26               | 0.45                                     | 0.53                  | 66                      | N                      |
| Energlass Plus Krypton     | 38            | 1.2                    | 0.22               | 0.45                                     | 0.53                  | 66                      | N                      |

| Supreme Double Glider      | NAFS Ratings  | NFRC/Energy Star: NFRC |                    | AAMA/WDMA/CSA/ISO 15925-6:2013: R-PG45-S |                       | Size Tested: (63"x44")  |                        |
|----------------------------|---------------|------------------------|--------------------|--|-----------------------|-------------------------|------------------------|
|                            | Energy Rating | U-value (metric)       | U-value (imperial) | Solar Heat Gain Coefficient              | Visible Transmittance | Condensation Resistance | Energy Star Zones 2016 |
| Clear                      | 14            | 2.6                    | 0.46               | 0.58                                     | 0.60                  | 43                      |                        |
| Clear w Grilles            | 11            | 2.6                    | 0.46               | 0.52                                     | 0.53                  | 43                      |                        |
| LoE/Argon                  | 29            | 1.8                    | 0.31               | 0.52                                     | 0.59                  | 56                      |                        |
| LoE/Argon w Grilles        | 26            | 1.8                    | 0.31               | 0.46                                     | 0.53                  | 56                      |                        |
| Energlass                  | 31            | 1.7                    | 0.30               | 0.52                                     | 0.59                  | 58                      | N                      |
| Energlass w Grilles        | 27            | 1.7                    | 0.30               | 0.46                                     | 0.53                  | 58                      | N                      |
| LoE/Argon-LSG              | 18            | 1.6                    | 0.29               | 0.28                                     | 0.51                  | 57                      | NC                     |
| LoE/Argon-LSG w Grilles    | 17            | 1.6                    | 0.29               | 0.26                                     | 0.46                  | 57                      | NC                     |
| Energlass-LSG              | 18            | 1.6                    | 0.29               | 0.28                                     | 0.51                  | 60                      | NC                     |
| Energlass-LSG w Grilles    | 17            | 1.6                    | 0.29               | 0.26                                     | 0.46                  | 60                      | NC                     |
| Triple LoE/Argon x 1       | 27            | 1.7                    | 0.30               | 0.46                                     | 0.54                  | 60                      | N                      |
| Triple LoE/Argon x 1 LSG   | 17            | 1.6                    | 0.29               | 0.27                                     | 0.47                  | 61                      | NC                     |
| Energlass Plus Argon LSG   | 20            | 1.4                    | 0.25               | 0.23                                     | 0.40                  | 65                      | N, NC, SC, S           |
| Energlass Plus Krypton LSG | 26            | 1.1                    | 0.20               | 0.22                                     | 0.40                  | 69                      | N, NC, SC, S           |
| Energlass Plus Argon       | 31            | 1.5                    | 0.26               | 0.44                                     | 0.53                  | 64                      | N                      |
| Energlass Plus Krypton     | 38            | 1.2                    | 0.21               | 0.45                                     | 0.53                  | 68                      | N                      |

| Supreme Double Hung<br>Picture Window | NAFS<br>Ratings  | NFRC/Energy Star:<br>NFRC |                       |                                   |                          |                            |                           | There are no available NAFS Ratings for this product |
|---------------------------------------|------------------|---------------------------|-----------------------|-----------------------------------|--------------------------|----------------------------|---------------------------|--|
|                                       | Energy<br>Rating | U-value<br>(metric)       | U-value<br>(imperial) | Solar Heat<br>Gain<br>Coefficient | Visible<br>Transmittance | Condensation<br>Resistance | Energy Star<br>Zones 2016 |  |
| Clear                                 | 18               | 2.6                       | 0.46                  | 0.62                              | 0.65                     | 46                         |                           |  |
| Clear w Grilles                       | 14               | 2.6                       | 0.46                  | 0.56                              | 0.58                     | 46                         |                           |  |
| LoE/Argon                             | 35               | 1.7                       | 0.30                  | 0.56                              | 0.64                     | 57                         | N                         |  |
| LoE/Argon w Grilles                   | 31               | 1.7                       | 0.30                  | 0.50                              | 0.57                     | 57                         | N                         |  |
| Energlass                             | 35               | 1.6                       | 0.29                  | 0.56                              | 0.64                     | 59                         | N                         |  |
| Energlass w Grilles                   | 31               | 1.6                       | 0.29                  | 0.50                              | 0.57                     | 59                         | N                         |  |
| Triple Clear                          | 24               | 2.2                       | 0.37                  | 0.56                              | 0.59                     | 53                         |                           |  |
| Triple LoE/Argon x 1 LSG              | 22               | 1.6                       | 0.28                  | 0.29                              | 0.51                     | 62                         | NC                        |  |
| Energlass Plus Argon LSG              | 26               | 1.3                       | 0.23                  | 0.25                              | 0.44                     | 66                         | N, NC, SC, S              |  |
| Energlass Plus Krypton LSG            | 32               | 1.0                       | 0.18                  | 0.25                              | 0.44                     | 67                         | N, NC, SC, S              |  |
| Energlass Plus Argon                  | 36               | 1.4                       | 0.25                  | 0.48                              | 0.58                     | 66                         | N                         |  |
| Energlass Plus Krypton                | 43               | 1.1                       | 0.20                  | 0.48                              | 0.58                     | 67                         | N                         |  |
| LoE/Argon-LSG                         | 23               | 1.6                       | 0.28                  | 0.31                              | 0.56                     | 59                         | NC                        |  |
| LoE/Argon-LSG w Grilles               | 21               | 1.6                       | 0.28                  | 0.28                              | 0.50                     | 59                         | NC                        |  |
| Energlass-LSG                         | 24               | 1.5                       | 0.27                  | 0.31                              | 0.56                     | 61                         | N, NC                     |  |
| Energlass-LSG w Grilles               | 22               | 1.5                       | 0.27                  | 0.28                              | 0.50                     | 61                         | N, NC                     |  |

| Tilt and Turn Window               | NAFS<br>Ratings  | NFRC/Energy Star:<br>NFRC |                       | AAMA/WDMA/CSA/ISO 2-A440-08:<br>CW-PG100-DAW |                          | Size Tested: (48"x71")     |                           |
|------------------------------------|------------------|---------------------------|-----------------------|--|--------------------------|----------------------------|---------------------------|
|                                    | Energy<br>Rating | U-value<br>(metric)       | U-value<br>(imperial) | Solar Heat<br>Gain<br>Coefficient            | Visible<br>Transmittance | Condensation<br>Resistance | Energy Star<br>Zones 2016 |
| Clear                              | 18               | 2.4                       | 0.42                  | 0.53   | 0.55                     | 45                         |                           |
| Clear w Grilles                    | 15               | 2.4                       | 0.42                  | 0.47   | 0.48                     | 45                         |                           |
| LoE/Argon                          | 32               | 1.6                       | 0.28                  | 0.47   | 0.54                     | 60                         | N                         |
| LoE/Argon w Grilles                | 29               | 1.6                       | 0.28                  | 0.42   | 0.48                     | 60                         | N                         |
| Energlass                          | 33               | 1.5                       | 0.27                  | 0.47   | 0.54                     | 62                         | N                         |
| Energlass w Grilles                | 31               | 1.5                       | 0.27                  | 0.42   | 0.48                     | 62                         | N                         |
| LoE/Argon-LSG                      | 22               | 1.5                       | 0.26                  | 0.26   | 0.47                     | 62                         | N, NC                     |
| LoE/Argon-LSG w Grilles            | 21               | 1.5                       | 0.26                  | 0.23   | 0.41                     | 62                         | N, NC, SC, S              |
| Energlass-LSG                      | 22               | 1.5                       | 0.26                  | 0.26   | 0.47                     | 63                         | N, NC                     |
| Energlass-LSG w Grilles            | 21               | 1.5                       | 0.26                  | 0.23   | 0.41                     | 63                         | N, NC, SC, S              |
| Triple LoE/x 1 LSG                 | 24               | 1.4                       | 0.24                  | 0.24   | 0.43                     | 70                         | N, NC, SC, S              |
| Triple LoE/ x 1 LSG w Grilles      | 23               | 1.4                       | 0.24                  | 0.22   | 0.38                     | 70                         | N, NC, SC, S              |
| Triple LoE/Argon x 1 LSG           | 26               | 1.2                       | 0.22                  | 0.24   | 0.43                     | 73                         | N, NC, SC, S              |
| Triple LoE/Argon x 1 LSG w Grilles | 25               | 1.2                       | 0.22                  | 0.22   | 0.38                     | 73                         | N, NC, SC, S              |
| Energlass Plus Argon LSG           | 31               | 1.0                       | 0.17                  | 0.21   | 0.36                     | 74                         | N, NC, SC, S              |
| Energlass Plus Argon LSG w Grilles | 29               | 1.0                       | 0.17                  | 0.18   | 0.32                     | 74                         | N, NC, SC, S              |
| Energlass Plus Argon               | 41               | 1.0                       | 0.18                  | 0.41   | 0.49                     | 73                         | N                         |
| Energlass Plus Argon w Grilles     | 38               | 1.0                       | 0.18                  | 0.36   | 0.43                     | 73                         | N, NC                     |
| Triple Clear                       | 30               | 1.7                       | 0.30                  | 0.48   | 0.50                     | 63                         | N                         |
| Triple Clear w Grilles             | 27               | 1.7                       | 0.30                  | 0.43   | 0.44                     | 63                         | N                         |

| Tilt and Turn Picture Window       | NAFS Ratings  | Range                     |                    |  |                       |  |                        |
|------------------------------------|---------------|---------------------------|--------------------|--|-----------------------|--|------------------------|
|                                    |               | NFRC/Energy Star:<br>NFRC |                    | AAMA/WDMA/CSA/ISO-9001-2015:<br>AW-PG70-FW<br>Size Tested: (60"x96") |                       | AAMA/WDMA/CSA/ISO-9001-2015:<br>CW-PG75-FW<br>Size Tested: (72"x72") |                        |
| Glass Options                      | Energy Rating | U-value (metric)          | U-value (imperial) | Solar Heat Gain Coefficient  | Visible Transmittance | Condensation Resistance  | Energy Star Zones 2016 |
| Clear                              | 22            | 2.5                       | 0.44               | 0.64   | 0.66                  | 45   |                        |
| Clear w Grilles                    | 18            | 2.5                       | 0.44               | 0.57   | 0.59                  | 45   |                        |
| LoE/Argon                          | 38            | 1.6                       | 0.28               | 0.57   | 0.65                  | 60   | N                      |
| LoE/Argon w Grilles                | 34            | 1.6                       | 0.28               | 0.51   | 0.58                  | 60   | N                      |
| Energlass                          | 39            | 1.5                       | 0.27               | 0.57   | 0.65                  | 62   | N                      |
| Energlass w Grilles                | 36            | 1.5                       | 0.27               | 0.51   | 0.58                  | 62   | N                      |
| LoE/Argon-LSG                      | 25            | 1.5                       | 0.26               | 0.31   | 0.57                  | 61   | N, NC                  |
| LoE/Argon-LSG w Grilles            | 24            | 1.5                       | 0.26               | 0.28   | 0.51                  | 61   | N, NC                  |
| Energlass-LSG                      | 25            | 1.5                       | 0.26               | 0.31   | 0.57                  | 63   | N, NC                  |
| Energlass-LSG w Grilles            | 24            | 1.5                       | 0.26               | 0.28   | 0.51                  | 63   | N, NC                  |
| Triple LoE/x 1 LSG                 | 28            | 1.3                       | 0.23               | 0.29   | 0.52                  | 73   | N, NC                  |
| Triple LoE/ x 1 LSG w Grilles      | 26            | 1.3                       | 0.23               | 0.26   | 0.46                  | 73   | N, NC                  |
| Triple LoE/Argon x 1 LSG           | 30            | 1.2                       | 0.21               | 0.29   | 0.52                  | 73   | N, NC                  |
| Triple LoE/Argon x 1 LSG w Grilles | 29            | 1.2                       | 0.21               | 0.26   | 0.46                  | 73   | N, NC                  |
| Energlass Plus Argon LSG           | 35            | 0.9                       | 0.15               | 0.25   | 0.44                  | 75   | N, NC, SC, S           |
| Energlass Plus Argon LSG w Grilles | 34            | 0.9                       | 0.15               | 0.23   | 0.39                  | 75   | N, NC, SC, S           |
| Energlass Plus Argon               | 47            | 1.0                       | 0.17               | 0.49   | 0.59                  | 74   | N                      |
| Energlass Plus Argon w Grilles     | 44            | 1.0                       | 0.17               | 0.44   | 0.52                  | 74   | N                      |
| Triple Clear                       | 36            | 1.7                       | 0.30               | 0.58   | 0.61                  | 63   | N                      |
| Triple Clear w Grilles             | 32            | 1.7                       | 0.30               | 0.52   | 0.54                  | 63   | N                      |

| 6000 Plus Casement                 | NAFS Ratings  | Size Tested: (32"x63")    |                    |  |                       |                         |                        |
|------------------------------------|---------------|---------------------------|--------------------|--|-----------------------|-------------------------|------------------------|
|                                    |               | NFRC/Energy Star:<br>NFRC |                    | AAMA/WDMA/CSA/ISO-9001-2015:<br>R-PG55-C |                       |                         |                        |
| Glass Option                       | Energy Rating | U-value (metric)          | U-value (imperial) | Solar Heat Gain Coefficient              | Visible Transmittance | Condensation Resistance | Energy Star Zones 2016 |
| Clear                              | 18            | 2.2                       | 0.39               | 0.49                                     | 0.51                  | 45                      |                        |
| Clear w Grilles                    | 15            | 2.2                       | 0.39               | 0.45                                     | 0.46                  | 45                      |                        |
| LoE/Argon-LSG                      | 23            | 1.4                       | 0.25               | 0.24                                     | 0.44                  | 62                      | N, NC, SC, S           |
| LoE/Argon-LSG w Grilles            | 21            | 1.4                       | 0.25               | 0.22                                     | 0.39                  | 62                      | N, NC, SC, S           |
| Triple Clear                       | 29            | 1.6                       | 0.28               | 0.45                                     | 0.47                  | 60                      | N                      |
| Triple Clear w Grilles             | 26            | 1.6                       | 0.28               | 0.40                                     | 0.42                  | 60                      | N                      |
| Triple LoE/Argon x 1 LSG           | 2             | 1.2                       | 0.21               | 0.23                                     | 0.40                  | 69                      | N, NC, SC, S           |
| Triple LoE/Argon x 1 LSG w Grilles | 26            | 1.2                       | 0.21               | 0.21                                     | 0.36                  | 69                      | N, NC, SC, S           |
| Energlass Plus Argon LSG           | 30            | 1.0                       | 0.17               | 0.19                                     | 0.34                  | 77                      | N, NC, SC, S           |
| Energlass Plus Argon LSG w Grilles | 29            | 1.0                       | 0.17               | 0.18                                     | 0.31                  | 77                      | N, NC, SC, S           |
| LoE/Argon                          | 31            | 1.5                       | 0.27               | 0.44                                     | 0.51                  | 60                      | N                      |
| LoE/Argon w Grilles                | 29            | 1.5                       | 0.27               | 0.40                                     | 0.46                  | 60                      | N, NC                  |
| Triple LoE/Argon x 1               | 35            | 1.2                       | 0.22               | 0.40                                     | 0.46                  | 69                      | N, NC                  |
| Triple LoE/Argon x 1 w Grilles     | 32            | 1.2                       | 0.22               | 0.36                                     | 0.42                  | 69                      | N, NC                  |
| Energlass Plus Argon               | 39            | 1.0                       | 0.18               | 0.38                                     | 0.45                  | 75                      | N, NC                  |
| Energlass Plus Argon w Grilles     | 37            | 1.0                       | 0.18               | 0.35                                     | 0.41                  | 75                      | N, NC                  |



| <b>6000 Plus Awning</b>            |                      | <b>NAFS Ratings</b>     |                           | <b>NFRC/Energy Star: NFRC</b>      |                              | <b>AAMA/WDMA/CSA/ISO 15927-2:2010: LC-PG40</b> |                               | <b>Size Tested: (48"x40")</b> |  |
|------------------------------------|----------------------|-------------------------|---------------------------|------------------------------------|------------------------------|--|-------------------------------|-------------------------------|--|
| <b>Glass Option</b>                | <b>Energy Rating</b> | <b>U-value (metric)</b> | <b>U-value (imperial)</b> | <b>Solar Heat Gain Coefficient</b> | <b>Visible Transmittance</b> | <b>Condensation Resistance</b>                 | <b>Energy Star Zones 2016</b> |                               |  |
| Clear                              | 20                   | 2.3                     | 0.40                      | 0.49                               | 0.51                         | 44   |                               |                               |  |
| Clear w Grilles                    | 17                   | 2.3                     | 0.40                      | 0.45                               | 0.46                         | 44   |                               |                               |  |
| LoE/Argon-LSG                      | 21                   | 1.5                     | 0.26                      | 0.24                               | 0.44                         | 60   | N, NC, SC, S                  |                               |  |
| LoE/Argon-LSG w Grilles            | 19                   | 1.5                     | 0.26                      | 0.22                               | 0.39                         | 60   | N, NC, SC, S                  |                               |  |
| Triple Clear                       | 31                   | 1.6                     | 0.29                      | 0.45                               | 0.47                         | 60   | N                             |                               |  |
| Triple Clear w Grilles             | 28                   | 1.6                     | 0.29                      | 0.40                               | 0.42                         | 60   | N,NC                          |                               |  |
| Triple LoE/Argon x 1 LSG           | 26                   | 1.2                     | 0.21                      | 0.23                               | 0.40                         | 70   | N, NC, SC, S                  |                               |  |
| Triple LoE/Argon x 1 LSG w Grilles | 25                   | 1.2                     | 0.21                      | 0.21                               | 0.36                         | 70   | N, NC, SC, S                  |                               |  |
| Energlass Plus Argon LSG           | 29                   | 1.0                     | 0.17                      | 0.19                               | 0.34                         | 75   | N, NC, SC, S                  |                               |  |
| Energlass Plus Argon LSG w Grilles | 28                   | 1.0                     | 0.17                      | 0.18                               | 0.31                         | 75   | N, NC, SC, S                  |                               |  |
| LoE/Argon                          | 32                   | 1.5                     | 0.27                      | 0.44                               | 0.51                         | 59   | N                             |                               |  |
| LoE/Argon w Grilles                | 29                   | 1.5                     | 0.27                      | 0.40                               | 0.46                         | 59   | N,NC                          |                               |  |
| Triple LoE/Argon x 1               | 36                   | 1.2                     | 0.22                      | 0.40                               | 0.46                         | 67   | N, NC                         |                               |  |
| Triple LoE/Argon x 1 w Grilles     | 33                   | 1.2                     | 0.22                      | 0.36                               | 0.42                         | 67   | N, NC                         |                               |  |
| Energlass Plus Argon               | 39                   | 1.0                     | 0.18                      | 0.38                               | 0.45                         | 74   | N, NC                         |                               |  |
| Energlass Plus Argon w Grilles     | 38                   | 1.0                     | 0.18                      | 0.35                               | 0.41                         | 74   | N, NC                         |                               |  |

| <b>6000 Plus Casement Picture Window</b> |                      | <b>NAFS Ratings</b>     |                           | <b>NFRC/Energy Star: NFRC</b>      |                              | <b>AAMA/WDMA/CSA/ISO 15927-2:2010: CW-PG70-FW</b> |                               | <b>Size Tested: (90"x60")</b> |  |
|--|----------------------|-------------------------|---------------------------|------------------------------------|------------------------------|---|-------------------------------|-------------------------------|--|
| <b>Glass Options</b>                     | <b>Energy Rating</b> | <b>U-value (metric)</b> | <b>U-value (imperial)</b> | <b>Solar Heat Gain Coefficient</b> | <b>Visible Transmittance</b> | <b>Condensation Resistance</b>                    | <b>Energy Star Zones 2016</b> |                               |  |
| Clear                                    | 22                   | 2.6                     | 0.45                      | 0.67                               | 0.70                         | 45  |                               |                               |  |
| Clear w Grilles                          | 18                   | 2.6                     | 0.45                      | 0.60                               | 0.63                         | 45  |                               |                               |  |
| LoE/Argon-LSG                            | 28                   | 1.4                     | 0.25                      | 0.33                               | 0.60                         | 62  | N, NC                         |                               |  |
| LoE/Argon-LSG w Grilles                  | 26                   | 1.4                     | 0.25                      | 0.30                               | 0.54                         | 62  | N, NC                         |                               |  |
| Triple Clear                             | 38                   | 1.7                     | 0.30                      | 0.61                               | 0.64                         | 62  | N                             |                               |  |
| Triple Clear w Grilles                   | 34                   | 1.7                     | 0.30                      | 0.55                               | 0.57                         | 62  | N                             |                               |  |
| Triple LoE/Argon x 1 LSG                 | 32                   | 1.1                     | 0.20                      | 0.30                               | 0.55                         | 72  | N, NC                         |                               |  |
| Triple LoE/Argon x 1 LSG w Grilles       | 31                   | 1.1                     | 0.20                      | 0.27                               | 0.49                         | 72  | N, NC                         |                               |  |
| Energlass Plus Argon LSG                 | 38                   | 0.8                     | 0.14                      | 0.26                               | 0.47                         | 79  | N, NC                         |                               |  |
| Energlass Plus Argon LSG w Grilles       | 36                   | 0.8                     | 0.14                      | 0.23                               | 0.42                         | 79  | N, NC, SC, S                  |                               |  |
| LoE/Argon                                | 40                   | 1.6                     | 0.28                      | 0.60                               | 0.69                         | 61  | N                             |                               |  |
| LoE/Argon w Grilles                      | 36                   | 1.6                     | 0.28                      | 0.54                               | 0.62                         | 61  | N                             |                               |  |
| Triple LoE/Argon x 1                     | 45                   | 1.2                     | 0.21                      | 0.54                               | 0.63                         | 71  | N                             |                               |  |
| Triple LoE/Argon x 1 w Grilles           | 42                   | 1.2                     | 0.21                      | 0.49                               | 0.57                         | 71  | N                             |                               |  |
| Energlass Plus Argon                     | 50                   | 0.9                     | 0.16                      | 0.52                               | 0.62                         | 78  | N                             |                               |  |
| Energlass Plus Argon w Grilles           | 47                   | 0.9                     | 0.16                      | 0.47                               | 0.56                         | 78  | N                             |                               |  |