

# 2100 AWNING WINDOW

2100.5.1  
U-FACTOR TABLE-DOUBLE GLAZED

## 2100 AWNING GLASS U-FACTOR-DOUBLE GLAZED

1. The overall product U-factors are determined in accordance with NFRC 100-2010.
2. The Center-of-Glazing U-factors are determined by the insulated glass unit (IGU) and provided for by glass manufacturer/supplier.
3. The simulated specimen size is based on NFRC 100-2010 Table 4-3 Product Type Projecting (Awning-Single), which is 1500mm (59") width by 600mm (23 5/8").

### METRIC UNITS

| Center-of-Glazing<br>U-factor (W/m <sup>2</sup> -K) | Non-metal Spacer                          | Aluminum Spacer                           |
|---|---|---|
|   | Product U-factor<br>(W/m <sup>2</sup> -K) | Product U-factor<br>(W/m <sup>2</sup> -K) |
| 1.00  | 2.24                                      | 2.45                                      |
| 1.10  | 2.30                                      | 2.50                                      |
| 1.20  | 2.36                                      | 2.56                                      |
| 1.30  | 2.41                                      | 2.61                                      |
| 1.40  | 2.47                                      | 2.67                                      |
| 1.50  | 2.53                                      | 2.72                                      |
| 1.60  | 2.59                                      | 2.78                                      |
| 1.70  | 2.65                                      | 2.84                                      |
| 1.80  | 2.71                                      | 2.89                                      |
| 1.90  | 2.78                                      | 2.95                                      |
| 2.00  | 2.85                                      | 3.00                                      |
| 2.10  | 2.91                                      | 3.06                                      |
| 2.20  | 2.97                                      | 3.12                                      |
| 2.30  | 3.02                                      | 3.17                                      |
| 2.40  | 3.07                                      | 3.23                                      |
| 2.50  | 3.13                                      | 3.29                                      |

### IMPERIAL UNITS

| Center-of-Glazing<br>U-factor (Btu/h-ft <sup>2</sup> -F) | Non-metal Spacer                               | Aluminum Spacer                                |
|--|--|--|
|  | Product U-factor<br>(Btu/h-ft <sup>2</sup> -F) | Product U-factor<br>(Btu/h-ft <sup>2</sup> -F) |
| 0.18   | 0.40   | 0.43   |
| 0.20   | 0.41   | 0.44   |
| 0.22   | 0.42   | 0.46   |
| 0.24   | 0.43   | 0.47   |
| 0.26   | 0.44   | 0.48   |
| 0.28   | 0.46   | 0.49   |
| 0.30   | 0.47   | 0.50   |
| 0.32   | 0.48   | 0.51   |
| 0.34   | 0.49   | 0.52   |
| 0.36   | 0.51   | 0.53   |
| 0.38   | 0.52   | 0.54   |
| 0.40   | 0.53   | 0.56   |
| 0.42   | 0.54   | 0.57   |
| 0.44   | 0.55   | 0.58   |



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V2022.10

# 2100 AWNING WINDOW

2100.5.2  
U-FACTOR TABLE-TRIPLE GLAZED

## 2100 AWNING GLASS U-FACTOR-TRIPLE GLAZED

1. The overall product U-factors are determined in accordance with NFRC 100-2010.
2. The Center-of-Glazing U-factors are determined by the insulated glass unit (IGU) and provided for by glass manufacturer/supplier.
3. The simulated specimen size is based on NFRC 100-2010 Table 4-3 Product Type Projecting (Awning-Single), which is 1500mm (59") width by 600mm (23 5/8").

### METRIC UNITS

| Center-of-Glazing<br>U-factor (W/m2-K) | Non-metal Spacer             | Aluminum Spacer              |
|--|------------------------------|------------------------------|
|  | Product U-factor<br>(W/m2-K) | Product U-factor<br>(W/m2-K) |
| 0.50                                   | 1.79                         | 1.99                         |
| 0.60                                   | 1.85                         | 2.05                         |
| 0.70                                   | 1.90                         | 2.10                         |
| 0.80                                   | 1.96                         | 2.16                         |
| 0.90                                   | 2.02                         | 2.22                         |
| 1.00                                   | 2.09                         | 2.28                         |
| 1.10                                   | 2.25                         | 2.33                         |
| 1.20                                   | 2.49                         | 2.39                         |
| 1.30                                   | 2.37                         | 2.45                         |
| 1.40                                   | 2.20                         | 2.50                         |
| 1.50                                   | 2.04                         | 2.56                         |
| 1.60                                   | 2.06                         | 2.62                         |
| 1.70                                   | 2.12                         | 2.67                         |

### IMPERIAL UNITS

| Center-of-Glazing<br>U-factor (Btu/h-ft2-F) | Non-metal Spacer                  | Aluminum Spacer                   |
|---|-----------------------------------|-----------------------------------|
|   | Product U-factor<br>(Btu/h-ft2-F) | Product U-factor<br>(Btu/h-ft2-F) |
| 0.10  | 0.32                              | 0.36                              |
| 0.12  | 0.33                              | 0.37                              |
| 0.14  | 0.35                              | 0.38                              |
| 0.16  | 0.36                              | 0.39                              |
| 0.18  | 0.37                              | 0.40                              |
| 0.20  | 0.41                              | 0.41                              |
| 0.22  | 0.43                              | 0.43                              |
| 0.24  | 0.40                              | 0.44                              |
| 0.26  | 0.37                              | 0.45                              |
| 0.28  | 0.36                              | 0.46                              |
| 0.30  | 0.37                              | 0.47                              |



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