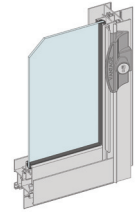




## Residential Series | Series 502-504

### Residential Sliding Window



#### Single Glazed

| Window ID  | Glass Type | Cooling Stars | Heating Stars | COOLING | HEATING | Uw  | SHGCw | Tvw  | Inf  |
|------------|------------|---------------|---------------|---------|---------|-----|-------|------|------|
| AWS-001-01 | 3Clr       | ☆             | ★★★           | 12%     | 15%     | 6.4 | 0.73  | 0.75 | 2.91 |
| AWS-001-02 | 5Clr       | ☆             | ★★★           | 13%     | 14%     | 6.4 | 0.72  | 0.75 | 2.91 |
| AWS-001-03 | 5SG        | ★★            | ★★            | 33%     | 4%      | 6.4 | 0.50  | 0.62 | 2.91 |
| AWS-001-04 | 5Gy        | ★★☆           | ★★            | 31%     | 6%      | 6.4 | 0.53  | 0.42 | 2.91 |
| AWS-001-05 | 6.38CP     | ★★★★          | ★★★★          | 46%     | 26%     | 4.6 | 0.44  | 0.50 | 2.91 |
| AWS-001-06 | 6.38VLam   | ★             | ★★★           | 17%     | 14%     | 6.3 | 0.68  | 0.75 | 2.91 |
| AWS-001-07 | 6.38Sct    | ★★            | ★★★★☆         | 35%     | 33%     | 4.6 | 0.58  | 0.69 | 2.91 |
| AWS-001-08 | 4SnClr     | ★★            | ★★★★          | 38%     | 25%     | 5.0 | 0.52  | 0.58 | 2.91 |
| AWS-001-09 | 6SnClr     | ★★★           | ★★★★          | 39%     | 25%     | 4.9 | 0.51  | 0.57 | 2.91 |
| AWS-001-10 | 6EVanBG    | ★★★★          | ★★★★          | 49%     | 22%     | 4.7 | 0.39  | 0.48 | 2.91 |
| AWS-001-11 | 6EVanClr   | ★★★           | ★★★★☆         | 38%     | 29%     | 4.7 | 0.54  | 0.56 | 2.91 |
| AWS-001-12 | 6EVanGy    | ★★★★☆         | ★★★           | 51%     | 20%     | 4.7 | 0.36  | 0.27 | 2.91 |
| AWS-001-13 | 6EVanSpB   | ★★★★☆         | ★★★           | 54%     | 17%     | 4.7 | 0.32  | 0.33 | 2.91 |
| AWS-001-14 | 6EVanSpGn  | ★★★★☆         | ★★★           | 54%     | 17%     | 4.7 | 0.32  | 0.40 | 2.91 |
| AWS-001-15 | 6.38VLamGy | ★★★★          |               | 47%     | -4%     | 6.3 | 0.31  | 0.11 | 2.91 |
| AWS-001-16 | 6.38TLam   | ★★★           |               | 44%     | -2%     | 6.3 | 0.35  | 0.28 | 2.91 |
| AWS-001-17 | 6.38SnClr  | ★★★           | ★★★★          | 40%     | 25%     | 4.9 | 0.50  | 0.57 | 2.91 |
| AWS-001-18 | 6.38SnGy   | ★★★★          | ★★★           | 49%     | 19%     | 4.9 | 0.38  | 0.27 | 2.91 |
| AWS-001-19 | 6.38CPClr  | ★★            | ★★★★☆         | 35%     | 34%     | 4.5 | 0.59  | 0.69 | 2.91 |
| AWS-001-20 | 6.38CPGn   | ★★★★          | ★★★★          | 47%     | 26%     | 4.5 | 0.44  | 0.60 | 2.91 |
| AWS-001-21 | 6.38CPGy   | ★★★★          | ★★★★          | 47%     | 26%     | 4.5 | 0.43  | 0.33 | 2.91 |

#### Double Glazed

| Window ID  | Glass Type      | Cooling Stars | Heating Stars | COOLING | HEATING | Uw  | SHGCw | Tvw  | Inf  |
|------------|-----------------|---------------|---------------|---------|---------|-----|-------|------|------|
| AWS-003-01 | 4/10/4          | ★★            | ★★★★★         | 37%     | 37%     | 4.2 | 0.58  | 0.61 | 2.91 |
| AWS-003-02 | 4Az/10/4ET      | ★★★★          | ★★★★☆         | 59%     | 30%     | 3.7 | 0.32  | 0.47 | 2.91 |
| AWS-003-03 | 4/10Ar/4ET      | ★★★           | ★★★★☆         | 44%     | 45%     | 3.4 | 0.55  | 0.56 | 2.91 |
| AWS-003-04 | 4/10/4ET        | ★★★           | ★★★★☆         | 43%     | 42%     | 3.7 | 0.54  | 0.56 | 2.91 |
| AWS-003-05 | 5/8/5           | ★★            | ★★★★★         | 38%     | 35%     | 4.3 | 0.57  | 0.61 | 2.91 |
| AWS-003-06 | 5SG/8Ar/5ET     | ★★★★          | ★★★★☆         | 59%     | 31%     | 3.6 | 0.33  | 0.46 | 2.91 |
| AWS-003-07 | 3SG/12/3        | ★★★★☆         | ★★★★☆         | 50%     | 29%     | 4.2 | 0.41  | 0.53 | 2.91 |
| AWS-003-08 | 3/12Ar/3ET      | ★★★           | ★★★★☆         | 43%     | 46%     | 3.4 | 0.56  | 0.57 | 2.91 |
| AWS-003-09 | 4SnClr/10/4     | ★★★★☆         | ★★★★☆         | 51%     | 34%     | 3.8 | 0.42  | 0.47 | 2.91 |
| AWS-003-10 | 4SnClr/10Ar/4   | ★★★★☆         | ★★★★★         | 52%     | 36%     | 3.6 | 0.42  | 0.47 | 2.91 |
| AWS-003-11 | 6.38CPClr/8/4   | ★★★★          | ★★★★★         | 47%     | 37%     | 3.8 | 0.48  | 0.57 | 2.91 |
| AWS-003-12 | 6.38CPClr/8Ar/4 | ★★★★          | ★★★★★         | 48%     | 40%     | 3.5 | 0.48  | 0.57 | 2.91 |
| AWS-003-13 | 6.38CPGy/8/4    | ★★★★          | ★★★★☆         | 57%     | 30%     | 3.8 | 0.34  | 0.27 | 2.91 |
| AWS-003-14 | 6.38CPGy/8Ar/4  | ★★★★          | ★★★★☆         | 58%     | 32%     | 3.6 | 0.34  | 0.27 | 2.91 |

NOTES  
 1. Uw is the whole window U-value. 2. SHGCw is the whole window solar heat gain coefficient. 3. Tvw is the whole window visible (light) transmittance  
 4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame). 5. A negative percentage improvement figure indicates performance worse than the base-case window. 6. A positive percentage improvement figure indicates performance better than the base-case window. 7. Maximum air infiltration is 5.0L/s.m2 at a positive pressure difference of 75 Pa as measured according to AS 2047. 8. Static performance (Uw SHGCw Tvw Tdw) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003. 9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008. 10. Results disclosed at National Fenestration Rating Council (NFRC) regulations.