



ENERGY STAR® Ratings - Signature Series

Picture (Interior Glazed)

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|--|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| DG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.30 | 1.70 | 39 | 0.62 | 60 | ABCD | 1 2 3 | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.30 | 1.70 | 35 | 0.56 | 60 | ABCD | 1 2 3 | Zone 5 |
| DG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.28 | 1.59 | 24 | 0.33 | 61 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.28 | 1.59 | 23 | 0.30 | 61 | AB | 1 | Zone 7A |
| DG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.27 | 1.53 | 20 | 0.24 | 62 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.27 | 1.53 | 19 | 0.22 | 62 | AB | 1 | Zone 7A |
| DG1 Eco Gain 180 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.24 | 1.36 | 0.55 | 47 | 42 | ABCD | 1 2 3 | Zone 8 |
| 3/3mm | 0.75 | Yes | 0.24 | 1.36 | 0.5 | 47 | 39 | ABCD | 1 2 3 | Zone 8 |
| DG1 Eco Shield 270 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.23 | 1.31 | 0.32 | 48 | 30 | ABC | 1 2 | Zone 8 |
| 3/3mm | 0.75 | Yes | 0.23 | 1.31 | 0.29 | 48 | 28 | ABC | 1 2 | Zone 8 |
| DG1 Eco Max Shield 366 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.23 | 1.31 | 0.24 | 48 | 25 | ABC | 1 2 | Zone 8 |
| 3/3mm | 0.75 | Yes | 0.23 | 1.31 | 0.22 | 48 | 24 | ABC | 1 2 | Zone 8 |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



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| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|---|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| TG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.24 | 1.36 | 41 | 0.53 | 65 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.24 | 1.36 | 38 | 0.48 | 65 | ABCD | 1 2 3 | Zone 8 |
| TG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.22 | 1.25 | 30 | 0.30 | 66 | ABC | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.23 | 1.31 | 27 | 0.27 | 66 | ABC | 1 2 3 | Zone 8 |
| TG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.22 | 1.25 | 25 | 0.22 | 67 | ABC | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.23 | 1.31 | 23 | 0.20 | 67 | ABC | 1 2 3 | Zone 8 |
| TG2 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.18 | 1.02 | 46 | 0.50 | 71 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.19 | 1.08 | 42 | 0.45 | 71 | ABCD | 1 2 3 | Zone 8 |
| TG2 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.17 | 0.97 | 35 | 0.28 | 73 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.17 | 0.97 | 33 | 0.25 | 73 | ABCD | 1 2 3 | Zone 8 |
| TG2 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.16 | 0.91 | 32 | 0.21 | 73 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.17 | 0.97 | 30 | 0.19 | 73 | ABCD | 1 2 3 | Zone 8 |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
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- CR = Condensation Resistance



ENERGY STAR® Ratings - Signature Series

Awning

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|--|------|--------|------------------|----------------|---------------|------|----|---------------------------|------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| DG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.31 | 1.76 | 28 | 0.47 | 58 | AB | 1 | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.31 | 1.76 | 26 | 0.43 | 58 | AB | 1 | Zone 5 |
| DG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.30 | 1.70 | 17 | 0.25 | 59 | A | | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.30 | 1.70 | 16 | 0.23 | 59 | A | | Zone 5 |
| DG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.29 | 1.65 | 15 | 0.19 | 59 | A | | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.29 | 1.65 | 14 | 0.17 | 59 | A | | Zone 5 |
| DG1 Eco Gain 180 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.27 | 1.53 | 0.42 | 53 | 30 | ABC | 1 2 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.27 | 1.53 | 0.39 | 53 | 29 | ABC | 1 2 | Zone 7A |
| DG1 Eco Shield 270 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.27 | 1.53 | 0.25 | 54 | 21 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.27 | 1.53 | 0.23 | 54 | 19 | AB | 1 | Zone 7A |
| DG1 Eco Max Shield 366 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.26 | 1.48 | 0.19 | 55 | 18 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.26 | 1.48 | 0.17 | 55 | 17 | AB | 1 | Zone 7A |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



Awning

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|---|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| TG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.26 | 1.48 | 31 | 0.41 | 63 | ABC | 1 2 | Zone 7A |
| 3/3/3mm | 1.36 | Yes | 0.26 | 1.48 | 29 | 0.37 | 63 | ABC | 1 2 | Zone 7A |
| TG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.25 | 1.42 | 22 | 0.23 | 65 | ABC | 1 2 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.25 | 1.42 | 21 | 0.21 | 65 | ABC | 1 2 | Zone 8 |
| TG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.25 | 1.42 | 19 | 0.17 | 65 | AB | 1 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.25 | 1.42 | 18 | 0.16 | 65 | AB | 1 | Zone 8 |
| TG2 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.22 | 1.25 | 35 | 0.39 | 67 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.22 | 1.25 | 33 | 0.35 | 67 | ABC | 1 2 | Zone 8 |
| TG2 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.21 | 1.19 | 26 | 0.21 | 69 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.21 | 1.19 | 25 | 0.20 | 69 | ABCD | 1 2 3 | Zone 8 |
| TG2 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.21 | 1.19 | 23 | 0.16 | 69 | ABC | 1 2 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.21 | 1.19 | 22 | 0.15 | 69 | ABC | 1 2 | Zone 8 |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
- OD = IG Unit total thickness (inches)
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ENERGY STAR® Ratings - Signature Series

Casement

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|--|------|--------|------------------|----------------|---------------|------|----|---------------------------|------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| DG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.31 | 1.76 | 28 | 0.47 | 57 | AB | 1 | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.31 | 1.76 | 26 | 0.43 | 57 | AB | 1 | Zone 5 |
| DG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.30 | 1.70 | 17 | 0.25 | 59 | A | | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.30 | 1.70 | 15 | 0.23 | 59 | A | | Zone 5 |
| DG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.29 | 1.65 | 14 | 0.19 | 59 | A | | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.29 | 1.65 | 13 | 0.17 | 59 | A | | Zone 5 |
| DG1 Eco Gain 180 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.27 | 1.53 | 0.42 | 53 | 30 | ABC | 1 2 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.27 | 1.53 | 0.39 | 53 | 28 | AB | 1 | Zone 7A |
| DG1 Eco Shield 270 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.27 | 1.53 | 0.25 | 54 | 20 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.27 | 1.53 | 0.23 | 54 | 19 | AB | 1 | Zone 7A |
| DG1 Eco Max Shield 366 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.26 | 1.48 | 0.19 | 55 | 18 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.26 | 1.48 | 0.17 | 55 | 16 | A | 1 | Zone 7A |



Legend:

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- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



Casement

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|---|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| TG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.26 | 1.48 | 31 | 0.41 | 62 | ABC | 1 2 | Zone 7A |
| 3/3/3mm | 1.36 | Yes | 0.27 | 1.53 | 27 | 0.37 | 62 | AB | 1 | Zone 7A |
| TG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.25 | 1.42 | 22 | 0.23 | 63 | ABC | 1 2 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.26 | 1.48 | 19 | 0.21 | 63 | AB | 1 | Zone 8 |
| TG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.25 | 1.42 | 18 | 0.17 | 63 | AB | 1 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.25 | 1.42 | 18 | 0.16 | 63 | AB | 1 | Zone 8 |
| TG2 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.22 | 1.25 | 35 | 0.39 | 67 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.23 | 1.31 | 31 | 0.35 | 67 | ABC | 1 2 | Zone 8 |
| TG2 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.21 | 1.19 | 25 | 0.21 | 68 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.21 | 1.19 | 25 | 0.20 | 68 | ABCD | 1 2 3 | Zone 8 |
| TG2 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.21 | 1.19 | 23 | 0.16 | 69 | ABC | 1 2 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.21 | 1.19 | 22 | 0.15 | 69 | ABC | 1 2 | Zone 8 |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



ENERGY STAR® Ratings - Signature Series

Fixed

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|--|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| DG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.30 | 1.70 | 34 | 0.55 | 57 | ABCD | 1 2 3 | Zone 5 |
| 3/3mm | 0.75 | Yes | 0.30 | 1.70 | 31 | 0.49 | 57 | ABC | 1 2 3 | Zone 5 |
| DG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.28 | 1.59 | 22 | 0.29 | 59 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.28 | 1.59 | 20 | 0.26 | 59 | AB | 1 | Zone 7A |
| DG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.28 | 1.59 | 18 | 0.22 | 59 | AB | 1 | Zone 7A |
| 3/3mm | 0.75 | Yes | 0.28 | 1.59 | 17 | 0.20 | 59 | AB | 1 | Zone 7A |
| DG1 Eco Gain 180 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.24 | 1.36 | 39 | 0.49 | 48 | ABCD | 1 2 3 | Zone 8 |
| 3/3mm | 0.75 | Yes | 0.24 | 1.36 | 36 | 0.44 | 48 | ABCD | 1 2 3 | Zone 8 |
| DG1 Eco Shield 270 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.24 | 1.36 | 27 | 0.29 | 48 | ABC | 1 2 | Zone 8 |
| 3/3mm | 0.75 | Yes | 0.24 | 1.36 | 25 | 0.26 | 48 | ABC | 1 2 | Zone 8 |
| DG1 Eco Max Shield 366 +4 /with Argon | | | | | | | | | | |
| 3/3mm | 0.75 | No | 0.23 | 1.31 | 23 | 0.21 | 49 | ABC | 1 2 | Zone 8 |
| 3/3mm | 0.75 | Yes | 0.23 | 1.31 | 22 | 0.19 | 49 | ABC | 1 2 | Zone 8 |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
- Standards: U-Values = NFRC 100-1; SHGC/VT = NFRC 200-1; CR = NFRC 500-1; ER = CAN/CSA A440.02-04
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ENERGY STAR® Ratings - Signature Series

Fixed

| Glass Thickness | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada | | Energy Efficiency Requirement - BC |
|---|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
| | | | | | | | | 2010 | 2015 | |
| TG1 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.25 | 1.42 | 36 | 0.47 | 63 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.25 | 1.42 | 33 | 0.42 | 63 | ABC | 1 2 3 | Zone 8 |
| TG1 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.23 | 1.31 | 27 | 0.27 | 64 | ABC | 1 2 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.24 | 1.36 | 24 | 0.24 | 64 | ABC | 1 2 | Zone 8 |
| TG1 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.23 | 1.31 | 23 | 0.20 | 65 | ABC | 1 2 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.24 | 1.36 | 21 | 0.18 | 65 | ABC | 1 2 | Zone 8 |
| TG2 Eco Gain 180 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.20 | 1.14 | 41 | 0.45 | 68 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.20 | 1.14 | 38 | 0.40 | 68 | ABCD | 1 2 3 | Zone 8 |
| TG2 Eco Shield 270 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.19 | 1.08 | 31 | 0.25 | 70 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.19 | 1.08 | 29 | 0.22 | 70 | ABCD | 1 2 3 | Zone 8 |
| TG2 Eco Max Shield 366 /with Argon | | | | | | | | | | |
| 3/3/3mm | 1.36 | No | 0.18 | 1.02 | 29 | 0.19 | 70 | ABCD | 1 2 3 | Zone 8 |
| 3/3/3mm | 1.36 | Yes | 0.18 | 1.02 | 27 | 0.17 | 70 | ABCD | 1 2 3 | Zone 8 |



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
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