



# ENERGY STAR® Ratings - Design 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 |                                    |
| <b>DG1 Eco Gain 180 /with Argon</b>          |      |        |                  |                |               |      |    |                           |      |                                    |
| 3/3mm  | 0.75 | No     | 0.29             | 1.65           | 30            | 0.45 | 59 | ABC                       | 1 2  | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.29             | 1.65           | 28            | 0.41 | 59 | AB                        | 1    | Zone 7A                            |
| <b>DG1 Eco Shield 270 /with Argon</b>        |      |        |                  |                |               |      |    |                           |      |                                    |
| 3/3mm  | 0.75 | No     | 0.27             | 1.53           | 20            | 0.24 | 60 | AB                        | 1    | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.27             | 1.53           | 19            | 0.22 | 60 | AB                        | 1    | Zone 7A                            |
| <b>DG1 Eco Max Shield 366 /with Argon</b>    |      |        |                  |                |               |      |    |                           |      |                                    |
| 3/3mm  | 0.75 | No     | 0.27             | 1.53           | 17            | 0.18 | 60 | AB                        | 1    | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.27             | 1.53           | 16            | 0.16 | 60 | A                         | 1    | Zone 7A                            |
| <b>DG1 Eco Gain 180 +4 /with Argon</b>       |      |        |                  |                |               |      |    |                           |      |                                    |
| 3/3mm  | 0.75 | No     | 0.24             | 1.36           | 33            | 0.4  | 47 | ABC                       | 1 2  | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.24             | 1.36           | 31            | 0.36 | 47 | ABC                       | 1 2  | Zone 8                             |
| <b>DG1 Eco Shield 270 +4 /with Argon</b>     |      |        |                  |                |               |      |    |                           |      |                                    |
| 3/3mm  | 0.75 | No     | 0.24             | 1.36           | 24            | 0.23 | 48 | ABC                       | 1 2  | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.24             | 1.36           | 22            | 0.21 | 48 | ABC                       | 1 2  | Zone 8                             |
| <b>DG1 Eco Max Shield 366 +4 /with Argon</b> |      |        |                  |                |               |      |    |                           |      |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 22            | 0.18 | 48 | ABC                       | 1 2  | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 21            | 0.16 | 48 | 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 - Design 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  |                                    |
| <b>TG1 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.25             | 1.42           | 31            | 0.38 | 68 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.25             | 1.42           | 29            | 0.35 | 68 | ABC                       | 1 2   | Zone 8                             |
| <b>TG1 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.23             | 1.31           | 24            | 0.22 | 69 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.23             | 1.31           | 23            | 0.20 | 69 | ABC                       | 1 2   | Zone 8                             |
| <b>TG1 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.23             | 1.31           | 21            | 0.17 | 70 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.23             | 1.31           | 20            | 0.15 | 70 | AB                        | 1 2   | Zone 8                             |
| <b>TG2 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.21             | 1.19           | 35            | 0.37 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.21             | 1.19           | 33            | 0.33 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.19             | 1.08           | 28            | 0.20 | 73 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.19             | 1.08           | 27            | 0.19 | 73 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.19             | 1.08           | 26            | 0.16 | 73 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.19             | 1.08           | 24            | 0.14 | 73 | ABC                       | 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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Design 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  |                                    |
| <b>DG1 Eco Gain 180 /with Argon</b>          |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.29             | 1.65           | 30            | 0.45 | 58 | ABC                       | 1 2   | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.29             | 1.65           | 27            | 0.41 | 58 | AB                        | 1 2   | Zone 7A                            |
| <b>DG1 Eco Shield 270 /with Argon</b>        |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.27             | 1.53           | 20            | 0.24 | 60 | AB                        | 1     | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.27             | 1.53           | 19            | 0.22 | 60 | AB                        | 1     | Zone 7A                            |
| <b>DG1 Eco Max Shield 366 /with Argon</b>    |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.27             | 1.53           | 16            | 0.18 | 60 | A                         | 1     | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.27             | 1.53           | 15            | 0.16 | 60 | A                         | 1     | Zone 7A                            |
| <b>DG1 Eco Gain 180 +4 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 34            | 0.4  | 48 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 32            | 0.36 | 48 | ABC                       | 1 2   | Zone 8                             |
| <b>DG1 Eco Shield 270 +4 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 24            | 0.23 | 49 | ABC                       | 1 2   | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 23            | 0.21 | 49 | ABC                       | 1 2   | Zone 8                             |
| <b>DG1 Eco Max Shield 366 +4 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 21            | 0.18 | 49 | ABC                       | 1 2   | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 20            | 0.16 | 49 | AB                        | 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 - Design 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  |                                    |
| <b>TG1 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.25             | 1.42           | 30            | 0.38 | 67 | ABC                       | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.25             | 1.42           | 29            | 0.35 | 67 | ABC                       | 1 2   | Zone 8                             |
| <b>TG1 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.24             | 1.36           | 22            | 0.22 | 68 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.24             | 1.36           | 21            | 0.20 | 68 | ABC                       | 1 2   | Zone 8                             |
| <b>TG1 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.23             | 1.31           | 21            | 0.17 | 68 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.23             | 1.31           | 20            | 0.15 | 68 | AB                        | 1 2   | Zone 8                             |
| <b>TG2 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.21             | 1.19           | 35            | 0.37 | 71 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.21             | 1.19           | 33            | 0.33 | 71 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.20             | 1.14           | 26            | 0.20 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.20             | 1.14           | 26            | 0.19 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.19             | 1.08           | 25            | 0.16 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.19             | 1.08           | 24            | 0.14 | 72 | ABC                       | 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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Design 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  |                                    |
| <b>DG1 Eco Gain 180 /with Argon</b>          |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.29             | 1.65           | 30            | 0.45 | 58 | ABC                       | 1 2   | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.29             | 1.65           | 28            | 0.41 | 58 | AB                        | 1 2   | Zone 7A                            |
| <b>DG1 Eco Shield 270 /with Argon</b>        |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.27             | 1.53           | 20            | 0.24 | 60 | AB                        | 1     | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.27             | 1.53           | 19            | 0.22 | 60 | AB                        | 1     | Zone 7A                            |
| <b>DG1 Eco Max Shield 366 /with Argon</b>    |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.27             | 1.53           | 17            | 0.18 | 60 | AB                        | 1     | Zone 7A                            |
| 3/3mm  | 0.75 | Yes    | 0.27             | 1.53           | 16            | 0.16 | 60 | AB                        | 1     | Zone 7A                            |
| <b>DG1 Eco Gain 180 +4 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 34            | 0.4  | 48 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 32            | 0.36 | 48 | ABC                       | 1 2   | Zone 8                             |
| <b>DG1 Eco Shield 270 +4 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 25            | 0.23 | 49 | ABC                       | 1 2   | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 23            | 0.21 | 49 | ABC                       | 1 2   | Zone 8                             |
| <b>DG1 Eco Max Shield 366 +4 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 0.75 | No     | 0.23             | 1.31           | 22            | 0.18 | 49 | ABC                       | 1 2   | Zone 8                             |
| 3/3mm  | 0.75 | Yes    | 0.23             | 1.31           | 21            | 0.16 | 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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Design 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  |                                    |
| <b>TG1 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.25             | 1.42           | 31            | 0.38 | 67 | ABC                       | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.25             | 1.42           | 29            | 0.35 | 67 | ABC                       | 1 2   | Zone 8                             |
| <b>TG1 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.24             | 1.36           | 23            | 0.22 | 68 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.24             | 1.36           | 22            | 0.20 | 68 | ABC                       | 1 2   | Zone 8                             |
| <b>TG1 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.23             | 1.31           | 21            | 0.17 | 68 | ABC                       | 1 2   | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.23             | 1.31           | 20            | 0.15 | 68 | AB                        | 1 2   | Zone 8                             |
| <b>TG2 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.21             | 1.19           | 35            | 0.37 | 71 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.21             | 1.19           | 33            | 0.33 | 71 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.20             | 1.14           | 27            | 0.20 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.20             | 1.14           | 26            | 0.19 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.19             | 1.08           | 26            | 0.16 | 72 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.19             | 1.08           | 24            | 0.14 | 72 | ABC                       | 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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Design Series

## Direct Set

| Glass Thickness                              | OD | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada |       | Energy Efficiency Requirement - BC |
|--|----|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
|  |    |        |                  |                |               |      |    | 2010                      | 2015  |                                    |
| <b>DG1 Eco Gain 180 /with Argon</b>          |    |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 1  | No     | 0.32             | 1.82           | 34            | 0.58 | 55 | ABCD                      | 1 2 3 | Zone 5                             |
| 3/3mm  | 1  | Yes    | 0.32             | 1.82           | 30            | 0.52 | 55 | ABC                       | 1 2   | Zone 5                             |
| <b>DG1 Eco Shield 270 /with Argon</b>        |    |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 1  | No     | 0.28             | 1.59           | 23            | 0.30 | 59 | AB                        | 1     | Zone 7A                            |
| 3/3mm  | 1  | Yes    | 0.28             | 1.59           | 21            | 0.27 | 59 | AB                        | 1     | Zone 7A                            |
| <b>DG1 Eco Max Shield 366 /with Argon</b>    |    |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 1  | No     | 0.28             | 1.59           | 18            | 0.23 | 59 | AB                        | 1     | Zone 7A                            |
| 3/3mm  | 1  | Yes    | 0.28             | 1.59           | 17            | 0.20 | 59 | AB                        | 1     | Zone 7A                            |
| <b>DG1 Eco Gain 180 +4 /with Argon</b>       |    |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 1  | No     | 0.24             | 1.36           | 40            | 0.52 | 48 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3mm  | 1  | Yes    | 0.24             | 1.36           | 37            | 0.47 | 48 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>DG1 Eco Shield 270 +4 /with Argon</b>     |    |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 1  | No     | 0.23             | 1.31           | 29            | 0.3  | 49 | ABC                       | 1 2   | Zone 8                             |
| 3/3mm  | 1  | Yes    | 0.23             | 1.31           | 27            | 0.27 | 49 | ABC                       | 1 2   | Zone 8                             |
| <b>DG1 Eco Max Shield 366 +4 /with Argon</b> |    |        |                  |                |               |      |    |                           |       |                                    |
| 3/3mm  | 1  | No     | 0.23             | 1.31           | 24            | 0.22 | 50 | ABC                       | 1 2   | Zone 8                             |
| 3/3mm  | 1  | Yes    | 0.23             | 1.31           | 23            | 0.2  | 50 | ABC                       | 1 2   | Zone 8                             |



### Legend:

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- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Design Series

## Direct Set

| Glass Thickness                           | OD   | Grills | U-Value Imperial | U-Value Metric | Energy Rating | SHGC | CR | ENERGY STAR Zone - Canada |       | Energy Efficiency Requirement - BC |
|---|------|--------|------------------|----------------|---------------|------|----|---------------------------|-------|------------------------------------|
|   |      |        |                  |                |               |      |    | 2010                      | 2015  |                                    |
| <b>TG1 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.25             | 1.42           | 37            | 0.49 | 63 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.25             | 1.42           | 35            | 0.45 | 63 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG1 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.23             | 1.31           | 28            | 0.28 | 64 | ABC                       | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.23             | 1.31           | 26            | 0.26 | 64 | ABC                       | 1 2 3 | Zone 8                             |
| <b>TG1 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.23             | 1.31           | 24            | 0.21 | 64 | ABC                       |       | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.23             | 1.31           | 22            | 0.19 | 64 | ABC                       |       | Zone 8                             |
| <b>TG2 Eco Gain 180 /with Argon</b>       |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.20             | 1.14           | 42            | 0.47 | 64 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.20             | 1.14           | 39            | 0.42 | 64 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Shield 270 /with Argon</b>     |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.18             | 1.02           | 33            | 0.26 | 64 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.18             | 1.02           | 31            | 0.23 | 64 | ABCD                      | 1 2 3 | Zone 8                             |
| <b>TG2 Eco Max Shield 366 /with Argon</b> |      |        |                  |                |               |      |    |                           |       |                                    |
| 3/3/3mm                                   | 1.36 | No     | 0.18             | 1.02           | 29            | 0.20 | 64 | ABCD                      | 1 2 3 | Zone 8                             |
| 3/3/3mm                                   | 1.36 | Yes    | 0.18             | 1.02           | 28            | 0.18 | 64 | 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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance