



ENERGY STAR® Ratings - Design Series

Vertical Slider

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	0.75	No	0.31	1.76	31	0.52	60	ABC	1 2	N
3/3mm	0.75	Yes	0.31	1.76	28	0.47	60	AB	1	N
DG1 Eco Shield 270 /with Argon										
3/3mm	0.75	No	0.3	1.70	18	0.28	61	A		N, NC, SC
3/3mm	0.75	Yes	0.3	1.70	17	0.25	61	A		N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	0.75	No	0.3	1.70	14	0.21	61	A		N, NC, SC, S
3/3mm	0.75	Yes	0.3	1.70	13	0.19	61	A		N, NC, SC, S

Horizontal Slider

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	0.75	No	0.31	1.76	31	0.52	58	ABC	1 2	N
3/3mm	0.75	Yes	0.31	1.76	28	0.47	58	AB	1	N
DG1 Eco Shield 270 /with Argon										
3/3mm	0.75	No	0.3	1.70	19	0.28	59	A		N, NC, SC
3/3mm	0.75	Yes	0.3	1.70	17	0.25	59	A		N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	0.75	No	0.3	1.70	15	0.21	59	A		N, NC, SC, S
3/3mm	0.75	Yes	0.3	1.70	14	0.19	59	A		N, NC, SC, S



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

Picture in Slider Frame

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	0.75	No	0.31	1.76	33	0.55	60	ABC	1 2	N
3/3mm	0.75	Yes	0.31	1.76	30	0.5	60	ABC	1 2	N
DG1 Eco Shield 270 /with Argon										
3/3mm	0.75	No	0.3	1.70	20	0.3	61	A		N, NC, SC
3/3mm	0.75	Yes	0.3	1.70	18	0.27	61	A		N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	0.75	No	0.29	1.65	16	0.22	61	A		N, NC, SC, S
3/3mm	0.75	Yes	0.29	1.65	15	0.2	61	A		N, NC, SC, S



Legend:

- USA ENERGY STAR Designations: "N" Northern, "NC" North Central, "SC" South Central, "S" Southern
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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 STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	0.75	No	0.29	1.65	30	0.45	59	ABC	1 2	N
3/3mm	0.75	Yes	0.29	1.65	28	0.41	59	AB	1	N
DG1 Eco Shield 270 /with Argon										
3/3mm	0.75	No	0.27	1.53	20	0.24	60	AB	1	N, NC, SC, S
3/3mm	0.75	Yes	0.27	1.53	19	0.22	60	AB	1	N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	0.75	No	0.27	1.53	17	0.18	60	AB	1	N, NC, SC, S
3/3mm	0.75	Yes	0.27	1.53	16	0.16	60	A	1	N, NC, SC, S
TG1 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.25	1.42	31	0.38	68	ABC	1 2	N, NC
3/3/3mm	1.36	Yes	0.25	1.42	29	0.35	68	ABC	1 2	N, NC
TG1 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.23	1.31	24	0.22	69	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	23	0.20	69	ABC	1 2	N, NC, SC, S
TG1 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.23	1.31	21	0.17	70	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	20	0.15	70	AB	1 2	N, NC, SC, S
TG2 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.21	1.19	35	0.37	72	ABCD	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.21	1.19	33	0.33	72	ABCD	1 2 3	N, NC
TG2 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.19	1.08	28	0.20	73	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	27	0.19	73	ABCD	1 2 3	N, NC, SC, S
TG2 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.19	1.08	26	0.16	73	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	24	0.14	73	ABC	1 2 3	N, NC, SC, S



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 - Design Series

Casement

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	0.75	No	0.29	1.65	30	0.45	58	ABC	1 2	N
3/3mm	0.75	Yes	0.29	1.65	27	0.41	58	AB	1 2	N
DG1 Eco Shield 270 /with Argon										
3/3mm	0.75	No	0.27	1.53	20	0.24	60	AB	1	N, NC, SC, S
3/3mm	0.75	Yes	0.27	1.53	19	0.22	60	AB	1	N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	0.75	No	0.27	1.53	16	0.18	60	A	1	N, NC, SC, S
3/3mm	0.75	Yes	0.27	1.53	15	0.16	60	A	1	N, NC, SC, S
TG1 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.25	1.42	30	0.38	67	ABC	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.25	1.42	29	0.35	67	ABC	1 2	N, NC
TG1 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.24	1.36	22	0.22	68	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.24	1.36	21	0.20	68	ABC	1 2	N, NC, SC, S
TG1 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.23	1.31	21	0.17	68	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	20	0.15	68	AB	1 2	N, NC, SC, S
TG2 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.21	1.19	35	0.37	71	ABCD	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.21	1.19	33	0.33	71	ABCD	1 2 3	N, NC
TG2 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.20	1.14	26	0.20	72	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.20	1.14	26	0.19	72	ABCD	1 2 3	N, NC, SC, S
TG2 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.19	1.08	25	0.16	72	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	24	0.14	72	ABC	1 2 3	N, NC, SC, S



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 - Design Series

Fixed

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	0.75	No	0.29	1.65	30	0.45	58	ABC	1 2	N
3/3mm	0.75	Yes	0.29	1.65	28	0.41	58	AB	1 2	N
DG1 Eco Shield 270 /with Argon										
3/3mm	0.75	No	0.27	1.53	20	0.24	60	AB	1	N, NC, SC, S
3/3mm	0.75	Yes	0.27	1.53	19	0.22	60	AB	1	N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	0.75	No	0.27	1.53	17	0.18	60	AB	1	N, NC, SC, S
3/3mm	0.75	Yes	0.27	1.53	16	0.16	60	AB	1	N, NC, SC, S
TG1 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.25	1.42	31	0.38	67	ABC	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.25	1.42	29	0.35	67	ABC	1 2	N, NC
TG1 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.24	1.36	23	0.22	68	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.24	1.36	22	0.20	68	ABC	1 2	N, NC, SC, S
TG1 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.23	1.31	21	0.17	68	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	20	0.15	68	AB	1 2	N, NC, SC, S
TG2 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.21	1.19	35	0.37	71	ABCD	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.21	1.19	33	0.33	71	ABCD	1 2 3	N, NC
TG2 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.20	1.14	27	0.20	72	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.20	1.14	26	0.19	72	ABCD	1 2 3	N, NC, SC, S
TG2 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.19	1.08	26	0.16	72	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	24	0.14	72	ABC	1 2 3	N, NC, SC, S



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 - Design Series

Direct Set

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
DG1 Eco Gain 180 /with Argon										
3/3mm	1	No	0.32	1.82	34	0.58	55	ABCD	1 2 3	N
3/3mm	1	Yes	0.32	1.82	30	0.52	55	ABC	1 2	N
DG1 Eco Shield 270 /with Argon										
3/3mm	1	No	0.28	1.59	23	0.30	59	AB	1	N, NC, SC
3/3mm	1	Yes	0.28	1.59	21	0.27	59	AB	1	N, NC, SC, S
DG1 Eco Max Shield 366 /with Argon										
3/3mm	1	No	0.28	1.59	18	0.23	59	AB	1	N, NC, SC, S
3/3mm	1	Yes	0.28	1.59	17	0.20	59	AB	1	N, NC, SC, S
TG1 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.25	1.42	37	0.49	63	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.25	1.42	35	0.45	63	ABCD	1 2 3	N
TG1 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.23	1.31	28	0.28	64	ABC	1 2 3	N, NC, SC
3/3/3mm	1.36	Yes	0.23	1.31	26	0.26	64	ABC	1 2 3	N, NC, SC, S
TG1 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.23	1.31	24	0.21	64	ABC		N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	22	0.19	64	ABC		N, NC, SC, S
TG2 Eco Gain 180 /with Argon										
3/3/3mm	1.36	No	0.20	1.14	42	0.47	64	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.20	1.14	39	0.42	64	ABCD	1 2 3	N
TG2 Eco Shield 270 /with Argon										
3/3/3mm	1.36	No	0.18	1.02	33	0.26	64	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.18	1.02	31	0.23	64	ABCD	1 2 3	N, NC, SC, S
TG2 Eco Max Shield 366 /with Argon										
3/3/3mm	1.36	No	0.18	1.02	29	0.20	64	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.18	1.02	28	0.18	64	ABCD	1 2 3	N, NC, SC, S



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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- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance