



# ENERGY STAR® Ratings - Comfort 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.25	1.42	35	0.46	65	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.25	1.42	33	0.42	65	ABC	1 2 3	N
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.24	1.36	25	0.27	66	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.24	1.36	23	0.24	66	ABC	1 2	N, NC, SC, S
<b>TG1 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	22	0.20	66	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	21	0.18	66	ABC	1 2	N, NC, SC, S
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.20	1.14	40	0.44	68	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.20	1.14	38	0.40	68	ABCD	1 2 3	N, NC
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.19	1.08	30	0.24	70	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	29	0.22	70	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.18	1.02	27	0.18	70	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.18	1.02	27	0.17	70	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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Comfort Series

## 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.25	1.42	35	0.46	64	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.25	1.42	32	0.41	64	ABC	1 2 3	N
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	26	0.26	65	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	25	0.24	65	ABC	1 2	N, NC, SC, S
<b>TG1 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	23	0.20	65	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	22	0.18	65	ABC	1 2	N, NC, SC, S
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.20	1.14	40	0.44	68	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.20	1.14	37	0.39	68	ABCD	1 2 3	N, NC
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.19	1.08	30	0.24	70	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	29	0.22	70	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.18	1.02	28	0.18	70	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.18	1.02	27	0.17	70	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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# ENERGY STAR® Ratings - Comfort 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	41	0.51	66	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.23	1.31	38	0.46	66	ABCD	1 2 3	N
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.21	1.19	31	0.29	67	ABCD	1 2 3	N, NC, SC
3/3/3mm	1.36	Yes	0.21	1.19	29	0.27	67	ABCD	1 2 3	N, NC, SC, S
<b>TG1 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.21	1.19	27	0.22	67	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.21	1.19	25	0.20	67	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.17	0.97	47	0.49	71	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.17	0.97	44	0.44	71	ABCD	1 2 3	N
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.16	0.91	36	0.27	73	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.16	0.91	34	0.24	73	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.15	0.85	33	0.20	73	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.15	0.85	32	0.19	73	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
- OD = IG Unit total thickness (inches)
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# ENERGY STAR® Ratings - Comfort Series

## Picture

Glass Thickness	OD	Grills	U-Value Imperial	U-Value Metric	Energy Rating	SHGC	CR	ENERGY STAR Zone - Canada		ENERGY STAR Zone - USA
								2010	2015	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.21	1.19	44	0.52	69	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.21	1.19	41	0.47	69	ABCD	1 2 3	N
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.21	1.19	31	0.30	70	ABCD	1 2 3	N, NC, SC
3/3/3mm	1.36	Yes	0.21	1.19	29	0.27	70	ABCD	1 2 3	N, NC, SC, S
<b>TG1 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.20	1.14	28	0.22	70	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.20	1.14	27	0.20	70	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.16	0.91	48	0.49	75	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.16	0.91	46	0.45	75	ABCD	1 2 3	N
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.15	0.85	37	0.27	75	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.15	0.85	36	0.25	75	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.15	0.85	33	0.21	75	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.15	0.85	32	0.19	75	ABCD	1 2 3	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 - Comfort 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.24	1.36	33	0.39	67	ABC	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.24	1.36	30	0.35	67	ABC	1 2	N, NC
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	24	0.22	68	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
<b>TG1 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	21	0.17	69	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	20	0.15	69	AB	1 2	N, NC, SC, S
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.20	1.14	36	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
<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	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
<b>TG2 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.19	1.08	26	0.16	74	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.19	1.08	24	0.14	74	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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Comfort 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.24	1.36	33	0.39	66	ABC	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.25	1.42	29	0.35	66	ABC	1 2	N, NC
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	24	0.22	67	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.24	1.36	22	0.20	67	ABC	1 2	N, NC, SC, S
<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	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
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.21	1.19	35	0.37	72	ACBD	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
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.20	1.14	27	0.20	73	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.20	1.14	26	0.19	73	ABCD	1 2 3	N, NC, SC, S
<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	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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Comfort 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.24	1.36	33	0.39	66	ABC	1 2 3	N, NC
3/3/3mm	1.36	Yes	0.25	1.42	29	0.35	66	ABC	1 2	N, NC
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	24	0.22	67	ABC	1 2	N, NC, SC, S
3/3/3mm	1.36	Yes	0.24	1.36	22	0.20	67	ABC	1 2	N, NC, SC, S
<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	N, NC, SC, S
3/3/3mm	1.36	Yes	0.23	1.31	20	0.15	68	ABC	1 2	N, NC, SC, S
<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	N, NC
3/3/3mm	1.36	Yes	0.21	1.19	33	0.33	72	ABCD	1 2 3	N, NC
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.20	1.14	27	0.20	73	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.20	1.14	26	0.19	73	ABCD	1 2 3	N, NC, SC, S
<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	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
- OD = IG Unit total thickness (inches)
- SHGC = Solar Heat Gain Coefficient
- CR = Condensation Resistance



# ENERGY STAR® Ratings - Comfort 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	
<b>TG1 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.23	1.31	40	0.49	64	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.24	1.36	36	0.45	64	ABCD	1 2 3	N
<b>TG1 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.22	1.25	29	0.28	65	ABC	1 2 3	N, NC, SC
3/3/3mm	1.36	Yes	0.23	1.31	26	0.26	65	ABC	1 2 3	N, NC, SC, S
<b>TG1 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.22	1.25	25	0.21	66	ABC	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.22	1.25	24	0.19	66	ABC	1 2 3	N, NC, SC, S
<b>TG2 Eco Gain 180 /with Argon</b>										
3/3/3mm	1.36	No	0.19	1.08	44	0.47	69	ABCD	1 2 3	N
3/3/3mm	1.36	Yes	0.19	1.08	41	0.42	69	ABCD	1 2 3	N
<b>TG2 Eco Shield 270 /with Argon</b>										
3/3/3mm	1.36	No	0.17	0.97	34	0.26	71	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.17	0.97	32	0.23	71	ABCD	1 2 3	N, NC, SC, S
<b>TG2 Eco Max Shield 366 /with Argon</b>										
3/3/3mm	1.36	No	0.17	0.97	30	0.20	71	ABCD	1 2 3	N, NC, SC, S
3/3/3mm	1.36	Yes	0.17	0.97	29	0.18	71	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
- OD = IG Unit total thickness (inches)
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- CR = Condensation Resistance