



# ENERGY STAR® Ratings - Vista Series

## Vertical Slider

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	0.30	1.70	34	0.55	59	ABCD	1 2 3	Zone 5
3/3mm	0.75	Yes	0.30	1.70	31	0.50	59	ABC	1 2	Zone 5
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.30	1.70	20	0.30	60	A		Zone 5
3/3mm	0.75	Yes	0.30	1.70	18	0.27	60	A		Zone 5
<b>DG1 Eco Max Shield 366 /with Argon</b>										
3/3mm	0.75	No	0.29	1.65	16	0.22	60	A		Zone 5
3/3mm	0.75	Yes	0.29	1.65	15	0.20	60	A		Zone 5
<b>DG1 Eco Gain 180 +4 /with Argon</b>										
3/3mm	0.75	No	0.25	1.42	37	0.5	48	ABCD	1 2 3	Zone 8
3/3mm	0.75	Yes	0.25	1.42	34	0.45	48	ABCD	1 2 3	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.25	1.42	25	0.29	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.25	1.42	24	0.27	49	ABC	1 2	Zone 8
<b>DG1 Eco Max Shield 366 +4 /with Argon</b>										
3/3mm	0.75	No	0.24	1.36	22	0.22	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.24	1.36	21	0.2	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 - Vista Series

## Horizontal Slider

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	0.30	1.70	34	0.55	59	ABCD	1 2 3	Zone 5
3/3mm	0.75	Yes	0.30	1.70	31	0.50	59	ABC	1 2	Zone 5
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.30	1.70	20	0.30	59	A		Zone 5
3/3mm	0.75	Yes	0.30	1.70	18	0.27	59	A		Zone 5
<b>DG1 Eco Max Shield 366 /with Argon</b>										
3/3mm	0.75	No	0.29	1.65	16	0.22	60	A		Zone 5
3/3mm	0.75	Yes	0.29	1.65	15	0.20	60	A		Zone 5
<b>DG1 Eco Gain 180 +4 /with Argon</b>										
3/3mm	0.75	No	0.25	1.42	37	0.5	48	ABCD	1 2 3	Zone 8
3/3mm	0.75	Yes	0.25	1.42	34	0.45	48	ABCD	1 2 3	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.25	1.42	25	0.29	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.25	1.42	24	0.27	49	ABC	1 2	Zone 8
<b>DG1 Eco Max Shield 366 +4 /with Argon</b>										
3/3mm	0.75	No	0.24	1.36	22	0.22	50	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.24	1.36	21	0.2	50	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 - Vista Series

## Picture in Slider Frame

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	0.28	1.59	40	0.61	59	ABCD	1 2 3	Zone 7A
3/3mm	0.75	Yes	0.28	1.59	37	0.55	59	ABCD	1 2 3	Zone 7A
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.27	1.53	25	0.33	59	AB	1	Zone 7A
3/3mm	0.75	Yes	0.27	1.53	24	0.30	59	AB	1	Zone 7A
<b>DG1 Eco Max Shield 366 /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 Gain 180 +4 /with Argon</b>										
3/3mm	0.75	No	0.23	1.31	43	0.55	48	ABCD	1 2 3	Zone 8
3/3mm	0.75	Yes	0.23	1.31	40	0.5	48	ABCD	1 2 3	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.22	1.25	31	0.32	48	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.22	1.25	29	0.29	48	ABC	1 2	Zone 8
<b>DG1 Eco Max Shield 366 +4 /with Argon</b>										
3/3mm	0.75	No	0.22	1.25	26	0.24	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.22	1.25	25	0.22	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 - Vista Series

## Picture

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	0.27	1.53	41	0.60	60	ABCD	1 2 3	Zone 7A
3/3mm	0.75	Yes	0.27	1.53	38	0.55	60	ABCD	1 2 3	Zone 7A
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.26	1.48	26	0.32	60	AB	1	Zone 7A
3/3mm	0.75	Yes	0.26	1.48	24	0.29	60	AB	1	Zone 7A
<b>DG1 Eco Max Shield 366 /with Argon</b>										
3/3mm	0.75	No	0.26	1.48	22	0.24	61	AB	1	Zone 7A
3/3mm	0.75	Yes	0.26	1.48	20	0.22	61	AB	1	Zone 7A
<b>DG1 Eco Gain 180 +4 /with Argon</b>										
3/3mm	0.75	No	0.22	1.25	44	0.55	48	ABCD	1 2 3	Zone 8
3/3mm	0.75	Yes	0.22	1.25	42	0.5	48	ABCD	1 2 3	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.21	1.19	32	0.32	49	ABCD	1 2 3	Zone 8
3/3mm	0.75	Yes	0.21	1.19	31	0.29	49	ABCD	1 2 3	Zone 8
<b>DG1 Eco Max Shield 366 +4 /with Argon</b>										
3/3mm	0.75	No	0.21	1.19	28	0.24	49	ABCD	1 2 3	Zone 8
3/3mm	0.75	Yes	0.21	1.19	27	0.22	49	ABCD	1 2 3	Zone 8



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# ENERGY STAR® Ratings - Vista 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	0.28	1.59	19	0.24	60	AB	1	Zone 7A
3/3mm	0.75	Yes	0.28	1.59	18	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	61	AB	1	Zone 7A
3/3mm	0.75	Yes	0.27	1.53	16	0.16	61	A	1	Zone 7A
<b>DG1 Eco Gain 180 +4 /with Argon</b>										
3/3mm	0.75	No	0.25	1.42	32	0.4	48	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.25	1.42	30	0.37	48	ABC	1 2	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.24	1.36	24	0.24	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.24	1.36	22	0.21	49	ABC	1 2	Zone 8
<b>DG1 Eco Max Shield 366 +4 /with Argon</b>										
3/3mm	0.75	No	0.24	1.36	21	0.18	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.24	1.36	19	0.16	49	AB	1 2	Zone 8



**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
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# ENERGY STAR® Ratings - Vista 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	0.30	1.70	29	0.45	60	ABC	1 2	Zone 7A
3/3mm	0.75	Yes	0.30	1.70	26	0.41	60	AB	1	Zone 7A
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.28	1.59	19	0.24	62	AB	1	Zone 7A
3/3mm	0.75	Yes	0.28	1.59	18	0.22	62	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	62	AB	1	Zone 7A
3/3mm	0.75	Yes	0.27	1.53	16	0.16	62	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	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.24	1.36	32	0.37	49	ABC	1 2	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.23	1.31	25	0.24	50	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.23	1.31	23	0.21	50	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	50	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.23	1.31	21	0.16	50	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 - Vista 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	0.30	1.70	29	0.45	60	ABC	1 2	Zone 7A
3/3mm	0.75	Yes	0.30	1.70	26	0.41	60	AB	1	Zone 7A
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.28	1.59	19	0.24	62	AB	1	Zone 7A
3/3mm	0.75	Yes	0.28	1.59	18	0.22	62	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	62	AB	1	Zone 7A
3/3mm	0.75	Yes	0.27	1.53	16	0.16	62	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	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.24	1.36	31	0.37	49	ABC	1 2	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.23	1.31	25	0.24	50	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.23	1.31	23	0.21	50	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	50	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.23	1.31	20	0.16	50	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
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# ENERGY STAR® Ratings - Vista 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	0.75	No	0.29	1.65	37	0.58	59	ABCD	1 2 3	Zone 7A
3/3mm	0.75	Yes	0.29	1.65	34	0.52	59	ABCD	1 2 3	Zone 7A
<b>DG1 Eco Shield 270 /with Argon</b>										
3/3mm	0.75	No	0.27	1.53	24	0.31	61	AB	1	Zone 7A
3/3mm	0.75	Yes	0.27	1.53	23	0.28	61	AB	1	Zone 7A
<b>DG1 Eco Max Shield 366 /with Argon</b>										
3/3mm	0.75	No	0.26	1.48	21	0.23	61	AB	1	Zone 7A
3/3mm	0.75	Yes	0.26	1.48	20	0.21	61	AB	1	Zone 7A
<b>DG1 Eco Gain 180 +4 /with Argon</b>										
3/3mm	0.75	No	0.23	1.31	41	0.64	48	ABCD	1 2	Zone 8
3/3mm	0.75	Yes	0.23	1.31	38	0.57	48	ABCD	1 2	Zone 8
<b>DG1 Eco Shield 270 +4 /with Argon</b>										
3/3mm	0.75	No	0.3	1.25	30	0.56	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.27	1.25	28	0.5	49	ABC	1 2	Zone 8
<b>DG1 Eco Max Shield 366 +4 /with Argon</b>										
3/3mm	0.75	No	0.22	1.25	25	0.52	49	ABC	1 2	Zone 8
3/3mm	0.75	Yes	0.22	1.25	24	0.47	49	ABC	1 2	Zone 8



### Legend:

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