INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Subject to change

Double Hung

Double Hung Model	IG Package[8]	Description	Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6800	Dual Energy Saver	E270 + Clear + Argon	Duralite	.27	.28	.54	61	No	Not Qualified	
InVision 6800	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.27	.26	.48	61	No	Not Qualified	
InVision 6800	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.27	.21	.50	61	Yes	SC, S	
InVision 6800	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.27	.19	.45	61	Yes	SC, S	
InVision 6800	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.24	.27	.50	49	Yes	NC	
InVision 6800	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.24	.24	.44	49	Yes	NC	
InVision 6800	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.24	.47	.57	48	Yes	N	
InVision 6800	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.24	.42	.50	48	Yes	N	
InVision 6800	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.23	.20	.46	50	Yes	NC, SC, S	
InVision 6800	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.23	.18	.41	50	Yes	NC, SC, S	
InVision 6800	Triple - Fuel Saver	E270 + E270 + Clear + Argon/Argon	Duralite	.17	.22	.42	74	Yes	All states	All States
InVision 6800	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Argon/Argon	Duralite	.17	.20	.38	74	Yes	All states	NC, SC, S
5000, 5100, 5200	Dual Energy Saver	E270 + Clear + Argon	Duralite	.28	.29	.55	59	No	Not Qualified	
5000, 5100, 5200	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.28	.26	.49	59	No	Not Qualified	
5000, 5100, 5200	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.28	.21	.51	60	Yes	SC, S	
5000, 5100, 5200	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.28	.19	.45	60	Yes	SC, S	
5000, 5100, 5200	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.24	.27	.51	48	Yes	NC	
5000, 5100, 5200	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.24	.25	.45	48	Yes	NC	
5000, 5100, 5200	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.25	.48	.58	47	Yes	N	
5000, 5100, 5200	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.25	.43	.51	47	Yes	N	
5000, 5100, 5200	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.24	.20	.47	48	Yes	NC, SC, S	
5000, 5100, 5200	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.24	.18	.42	48	Yes	NC, SC, S	

INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Subject to change

Slider

Slider Model	IG Package8		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved 5,7	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6800 Dual Slider	Dual Energy Saver	E270 + Clear + Argon	Duralite	.27	.28	.53	61	No	Not Qualified	
InVision 6800 Dual Slider	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.27	.25	.47	61	No	Not Qualified	
InVision 6800 Dual Slider	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.27	.21	.49	61	Yes	SC, S	
InVision 6800 Dual Slider	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.27	.19	.43	61	Yes	SC, S	
InVision 6800 Dual Slider	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.24	.26	.49	50	Yes	NC	
InVision 6800 Dual Slider	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.24	.24	.43	50	Yes	NC	
InVision 6800 Dual Slider	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.25	.46	.55	49	Yes	N	
InVision 6800 Dual Slider	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.25	.41	.49	49	Yes	N	
InVision 6800 Dual Slider	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.24	.19	.45	50	Yes	NC, SC, S	
InVision 6800 Dual Slider	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.24	.18	.40	50	Yes	NC, SC, S	
InVision 6800 Dual Slider	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Argon/Argon	Duralite	.17	.22	.41	73	Yes	All states	All states
InVision 6800 Dual Slider	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Argon/Argon	Duralite	.17	.20	.37	73	Yes	All states	NC, SC, S

INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Subject to change

Slider *cont'd*

Slider Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved 5,7	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6800 Single Slider	Dual Energy Saver	E270 + Clear + Argon, DS Glass	Duralite	.27	.29	.55	61	No	Not Qualified	
InVision 6800 Single Slider	Dual Energy Saver with Grids	E270 + Clear + Argon, DS Glass	Duralite	.27	.26	.49	61	No	Not Qualified	
InVision 6800 Single Slider	Dual HeatGuard 366	E366 + Clear + Argon, DS Glass	Duralite	.27	.21	.50	63	Yes	SC, S	
InVision 6800 Single Slider	Dual HeatGuard 366 with Grids	E366 + Clear + Argon, DS Glass	Duralite	.27	.19	.45	63	Yes	SC, S	
InVision 6800 Single Slider	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.23	.27	.51	49	Yes	NC	
InVision 6800 Single Slider	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.23	.25	.45	49	Yes	NC	
InVision 6800 Single Slider	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.24	.48	.58	48	Yes	N	
InVision 6800 Single Slider	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.24	.43	.51	48	Yes	N	
InVision 6800 Single Slider	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.23	.20	.47	50	Yes	NC, SC, S	
InVision 6800 Single Slider	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.23	.18	.42	50	Yes	NC, SC, S	
InVision 6800 Single Slider	Triple - Fuel Saver	E270 + E270 + Clear + Arg/Arg, DS Glass	Duralite	.19	.22	.42	73	Yes	All states	All states
InVision 6800 Single Slider	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Arg/Arg, DS Glass	Duralite	.19	.20	.38	73	Yes	All states	All states
5100, 5200 2-Sash Slider	Dual Energy Saver	E270 + Clear + Argon	Duralite	.28	.29	.54	60	No	Not Qualified	
5100, 5200 2-Sash Slider	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.28	.26	.49	60	No	Not Qualified	
5100, 5200 2-Sash Slider	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.27	.21	.50	61	Yes	SC, S	
5100, 5200 2-Sash Slider	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.27	.19	.45	61	Yes	SC, S	
5100, 5200 2-Sash Slider	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.24	.27	.50	49	Yes	NC	
5100, 5200 2-Sash Slider	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.24	.24	.45	49	Yes	NC	
5100, 5200 2-Sash Slider	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.25	.47	.57	48	Yes	N	
5100, 5200 2-Sash Slider	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.25	.42	.51	48	Yes	N	
5100, 5200 2-Sash Slider	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.24	.20	.47	49	Yes	NC, SC, S	
5100, 5200 2-Sash Slider	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.24	.18	.41	49	Yes	NC, SC, S	
5000, 5100 Single Slider	Dual Energy Saver	E270 + Clear + Argon	Duralite	.28	.29	.55	61	No	Not Qualified	
5000, 5100 Single Slider	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.28	.27	.49	61	No	Not Qualified	
5000, 5100 Single Slider	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.27	.22	.51	61	Yes	SC, S	
5000, 5100 Single Slider	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.27	.20	.46	61	Yes	SC, S	
5000, 5100 Single Slider	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.24	.28	.51	49	Yes	NC	
5000, 5100 Single Slider	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.24	.25	.46	49	Yes	NC	
5000, 5100 Single Slider	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.25	.48	.58	48	Yes	N	
5000, 5100 Single Slider	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.25	.43	.52	48	Yes	N	
5000, 5100 Single Slider	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.24	.21	.47	50	Yes	NC, SC, S	
5000, 5100 Single Slider	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.24	.19	.42	50	Yes	NC, SC, S	

INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Subject to change

Casement & Picture Window with Casement Sash Insert

Casement Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved 5,7	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6802	Dual Energy Saver	E270 + Clear + Argon	Duralite	.25	.28	.52	61	Yes	NC	
InVision 6802	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.25	.25	.47	61	Yes	NC	
InVision 6802	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.25	.20	.48	61	Yes	NC, SC, S	
InVision 6802	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.25	.19	.44	61	Yes	NC, SC, S	
InVision 6802	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.22	.26	.48	50	Yes	N, NC	
InVision 6802	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.22	.24	.43	50	Yes	N, NC	
InVision 6802	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.23	.45	.54	49	Yes	N	
InVision 6802	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.23	.41	.49	49	Yes	N	
InVision 6802	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.22	.19	.44	50	Yes	All states	S
InVision 6802	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.22	.18	.40	50	Yes	All states	S
InVision 6802	Triple - Fuel Saver	E270 + E270 + Clear + Argon/Argon	Duralite	.16	.21	.40	74	Yes	All states	All states
InVision 6802	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Argon/Argon	Duralite	.16	.20	.37	74	Yes	All states	All states

INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Subject to change

Awning

Awning Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6802	Dual Energy Saver	E270 + Clear + Argon	Duralite	.26	.28	.52	59	No	Not Qualified	
InVision 6802	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.26	.25	.47	59	No	Not Qualified	
InVision 6802	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.25	.20	.48	60	Yes	NC, SC, S	
InVision 6802	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.25	.19	.44	60	Yes	NC, SC, S	
InVision 6802	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.23	.26	.48	49	Yes	NC	
InVision 6802	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.23	.24	.43	49	Yes	NC	
InVision 6802	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.23	.45	.54	48	Yes	N	
InVision 6802	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.23	.41	.49	48	Yes	N	
InVision 6802	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.22	.19	.44	49	Yes	All states	S
InVision 6802	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.22	.18	.40	49	Yes	All states	S
InVision 6802	Triple - Fuel Saver	E366 + E270 + Clear + Argon/Argon	Duralite	.16	.21	.40	74	Yes	All states	All states
InVision 6802	Triple - Fuel Saver with Grids	E366 + E270 + Clear + Argon/Argon	Duralite	.16	.20	.37	74	Yes	All states	All states

INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Single Hung

Subject to change

Single Hung Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified[4]	ENERGY STAR MOST EFFICIENT
5000, 5100	Dual Energy Saver	E270 + Clear + Argon	Duralite	.28	.29	.55	59	No	Not Qualified	
5000, 5100	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.28	.27	.49	59	No	Not Qualified	
5000, 5100	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.28	.22	.51	60	Yes	SC, S	
5000, 5100	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.28	.20	.46	60	Yes	SC, S	
5000, 5100	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.24	.28	.51	48	Yes	NC	
5000, 5100	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.24	.25	.46	48	Yes	NC	
5000, 5100	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.25	.48	.58	47	Yes	N	
5000, 5100	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.25	.43	.52	47	Yes	N	
5000, 5100	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.24	.21	.47	49	Yes	NC, SC, S	
5000, 5100	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.24	.19	.42	49	Yes	NC, SC, S	

Single Hung Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified[4]	ENERGY STAR MOST EFFICIENT
6800	Dual Energy Saver	E270 + Clear + Argon, DS Glass	Duralite	.27	.29	.55	60	No	Not Qualified	
6800	Dual Energy Saver with Grids	E270 + Clear + Argon, DS Glass	Duralite	.27	.26	.49	60	No	Not Qualified	
6800	Dual HeatGuard 366	E366 + Clear + Argon, DS Glass	Duralite	.27	.21	.51	62	Yes	SC, S	
6800	Dual HeatGuard 366 with Grids	E366 + Clear + Argon, DS Glass	Duralite	.27	.19	.45	62	Yes	SC, S	
6800	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.23	.27	.51	56	Yes	NC	
6800	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.23	.25	.45	56	Yes	NC	
6800	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.24	.48	.58	52	Yes	N	
6800	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.24	.43	.51	52	Yes	N	
6800	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.23	.20	.47	57	Yes	NC, SC, S	
6800	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.23	.18	.42	57	Yes	NC, SC, S	
6800	Triple - Fuel Saver	E270 + E270 + Clear + Arg/Arg, DS Glass	Duralite	.19	.22	.42	51	Yes	All states	All states
6800	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Arg/Arg, DS Glass	Duralite	.19	.20	.38	51	Yes	All states	All states

Basement Hopper

Subject to change

Hopper Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
5100, 5200	Dual Energy Saver	E270 + Clear + Argon	Duralite							
5100, 5200	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite							
5100, 5200	Dual HeatGuard 366	E366 + Clear + Argon	Duralite							
5100, 5200	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite							
5100, 5200	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite							
5100, 5200	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite							
5100, 5200	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite							
5100, 5200	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite							
5100, 5200	Dual HeatGuard 366 IS	E270 + IS73 + Argon, DS Glass	Duralite							
5100, 5200	Dual HeatGuard 366 IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite							

No Thermal Simulations in Process.

INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Picture Window Direct Set

Subject to change

Picture Window Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6802	Dual Energy Saver	E270 + Clear + Argon	Duralite	.25	.31	.59	60	Yes	NC	
InVision 6802	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.25	.28	.52	60	Yes	NC	
InVision 6802	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.25	.23	.54	61	Yes	NC, SC, S	
InVision 6802	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.25	.21	.49	61	Yes	NC, SC, S	
InVision 6802	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.21	.29	.54	49	Yes	N, NC	
InVision 6802	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.21	.26	.48	49	Yes	N, NC	
InVision 6802	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.22	.51	.61	48	Yes	N	
InVision 6802	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.22	.46	.55	48	Yes	N	
InVision 6802	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	.21	.22	.50	50	Yes	All states	S
InVision 6802	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	.21	.20	.45	50	Yes	All states	S
InVision 6802	Triple - Fuel Saver	E270 + E270 + Clear + Argon/Argon	Duralite	.15	.24	.46	73	Yes	N, NC	N, NC
InVision 6802	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Argon/Argon	Duralite	.15	.22	.41	73	Yes	All states	All states
5100, 5200	Dual Energy Saver	E270 + Clear + Argon	Duralite	0.27	0.31	0.58	62	No	Not Qualified	
5100, 5200	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	0.27	0.28	0.52	62	No	Not Qualified	
5100, 5200	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	0.26	0.23	0.54	62	Yes	SC, S	
5100, 5200	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	0.26	0.21	0.48	62	Yes	SC, S	
5100, 5200	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	0.23	0.29	0.54	50	Yes	NC	
5100, 5200	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	0.23	0.26	0.48	50	Yes	NC	
5100, 5200	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	0.24	0.50	0.61	49	Yes	N	
5100, 5200	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	0.24	0.45	0.54	49	Yes	N	
5100, 5200	Dual HeatGuard 366 IS	E366 + IS73 + Argon, DS Glass	Duralite	0.23	0.21	0.50	50	Yes	NC, SC, S	
5100, 5200	Dual HeatGuard 366 IS with Grids	E366 + IS73 + Argon, DS Glass	Duralite	0.23	0.20	0.44	50	Yes	NC, SC, S	

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INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Picture Window w/ Double Hung Sash Insert

Subject to change

Picture Window with Double Hung Sash Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
InVision 6800	Dual Energy Saver	E270 + Clear + Argon	Duralite	.26	.29	.56	63	No	Not Qualified	
InVision 6800	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite	.26	.26	.50	63	No	Not Qualified	
InVision 6800	Dual HeatGuard 366	E366 + Clear + Argon	Duralite	.26	.22	.51	63	Yes	S, SC	
InVision 6800	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite	.26	.20	.46	63	Yes	S, SC	
InVision 6800	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite	.23	.28	.51	51	Yes	NC	
InVision 6800	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.23	.25	.46	51	Yes	NC	
InVision 6800	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite	.23	.48	.58	49	Yes	N	
InVision 6800	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite	.23	.43	.52	49	Yes	N	
InVision 6800	Dual HeatGuard 366 IS	E270 + IS73 + Argon, DS Glass	Duralite	.22	.20	.47	51	Yes	All states	S
InVision 6800	Dual HeatGuard 366 IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite	.22	.19	.42	51	Yes	All states	S
InVision 6800	Triple - Fuel Saver	E270 + E270 + Clear + Argon/Argon	Duralite	.16	.23	.43	74	Yes	All states	All States
InVision 6800	Triple - Fuel Saver with Grids	E270 + E270 + Clear + Argon/Argon	Duralite	.16	.21	.39	74	Yes	All states	All States
5100, 5200*	Dual Energy Saver	E270 + Clear + Argon	Duralite	No Thermal Simulations in Process.						
5100, 5200*	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite							
5100, 5200*	Dual HeatGuard 366	E366 + Clear + Argon	Duralite							
5100, 5200*	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite							
5100, 5200*	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite							
5100, 5200*	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite							
5100, 5200*	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite							
5100, 5200*	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite							
5100, 5200*	Dual HeatGuard 366 IS	E270 + IS73 + Argon, DS Glass	Duralite							
5100, 5200*	Dual HeatGuard 366 IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite							
5000, 5100 Single Hung Sash	Dual Energy Saver	E270 + Clear + Argon	Duralite	No Thermal Simulations in Process.						
5000, 5100 Single Hung Sash	Dual Energy Saver with Grids	E270 + Clear + Argon	Duralite							
5000, 5100 Single Hung Sash	Dual HeatGuard 366	E366 + Clear + Argon	Duralite							
5000, 5100 Single Hung Sash	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Duralite							
5000, 5100 Single Hung Sash	Dual Energy Saver IS	E270 + IS73 + Argon, DS Glass	Duralite							
5000, 5100 Single Hung Sash	Dual Energy Saver IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite							
5000, 5100 Single Hung Sash	Dual ColdGuard 180 IS	E180 + IS73 + Argon, DS Glass	Duralite							
5000, 5100 Single Hung Sash	Dual ColdGuard 180 IS with Grids	E180 + IS73 + Argon, DS Glass	Duralite							
5000, 5100 Single Hung Sash	Dual HeatGuard 366 IS	E270 + IS73 + Argon, DS Glass	Duralite							
5000, 5100 Single Hung Sash	Dual HeatGuard 366 IS with Grids	E270 + IS73 + Argon, DS Glass	Duralite							

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INTERSTATE Window & Door Company

WHOLE WINDOW, NFRC CERTIFIED THERMAL TESTING SUMMARY*

Subject to change

Sliding Patio Door *(Based on 6-0 x 6-8 door)*

Patio Door Model	IG Package		Spacer	U-Factor[1]	SHGC[2]	VT[3]	CRF[6]	Federal Tax Credit Approved[5,7]	ENERGY STAR Qualified	ENERGY STAR MOST EFFICIENT
4202, 6400	Dual Energy Saver	E270 + Clear + Argon	Endur	0.29	0.30	0.57	57	No	Not Qualified	
4202, 6400	Dual Energy Saver with Grids	E270 + Clear + Argon	Endur	0.29	0.27	0.50	57	No	Not Qualified	
4202, 6400	Dual HeatGuard 366	E366 + Clear + Argon	Endur	0.28	0.22	0.52	57	YES	S, SC	
4202, 6400	Dual HeatGuard 366 with Grids	E366 + Clear + Argon	Endur	0.28	0.20	0.46	57	YES	S, SC	
4202, 6400	Dual Energy Saver IS	E270 + I89 + Argon, DS Glass	Endur	0.25	0.29	0.55	46	YES	N, NC	
4202, 6400	Dual Energy Saver IS with Grids	E270 + I89 + Argon, DS Glass	Endur	0.25	0.26	0.49	46	YES	N, NC	
4202, 6400	Dual ColdGuard 180 IS	E180 + I89 + Argon, DS Glass	Endur	0.25	0.51	0.63	45	No	Not Qualified	
4202, 6400	Dual ColdGuard 180 IS with Grids	E180 + I89 + Argon, DS Glass	Endur	0.25	0.45	0.55	45	No	Not Qualified	
4202, 6400	Dual HeatGuard 366 IS	E366 + I89 + Argon, DS Glass	Endur	0.24	0.20	0.45	47	YES	All states	
4202, 6400	Dual HeatGuard 366 IS with Grids	E366+ I89 + Argon, DS Glass	Endur	0.24	0.17	0.39	47	YES	All states	
4202, 6400	Triple - Fuel Saver	E270 + E270 + Clear + Argon/Argon	Endur	0.25	0.24	0.44	61	YES	N, NC	

Triple Glass with grids not available in doors.

[1] U-Factor - measures the rate of heat transfer. The lower the U-factor the better the window insulates.

[2] SHGC (Solar Heat Gain Coefficient) measures the fraction of solar radiation admitted through a window and subsequently released as heat inside a home. Higher SHGCs are preferable in Northern climates; while lower SHGCs are preferable for Southern climate zones.

[3] VT (Visible Light Transmittance) measures the amount of visible light that passes through a window. A high VT transmits more visible light into the home making it brighter from natural light.

[5] Go to www.energystar.gov for more details on the Federal Energy Tax Credit and ENERGY STAR.

[6] CRF (Condensation Resistance Factor) measures how well the window resists water build-up from inside the home. The higher the condensation resistance factor, the less moisture build-up the window allows.

[7] Approved in qualifying climate zone.

[8] Values determined utilizing 2.3 mm single strength glass panes. Inside Surface (IS) glass values determined utilizing 3.0 mm double strength glass panes. Patio Door values determined with tempered double strength 3.1 mm glass panes. Values can vary depending on use of different glass thicknesses, special grids, tempered glass and other glass options & sash/frame structural reinforcement. Other thermal values are possible by special glazing, framing and grid applications. Consult Interstate.

*** Not responsible for typographical errors. Values subject to change without notice.**

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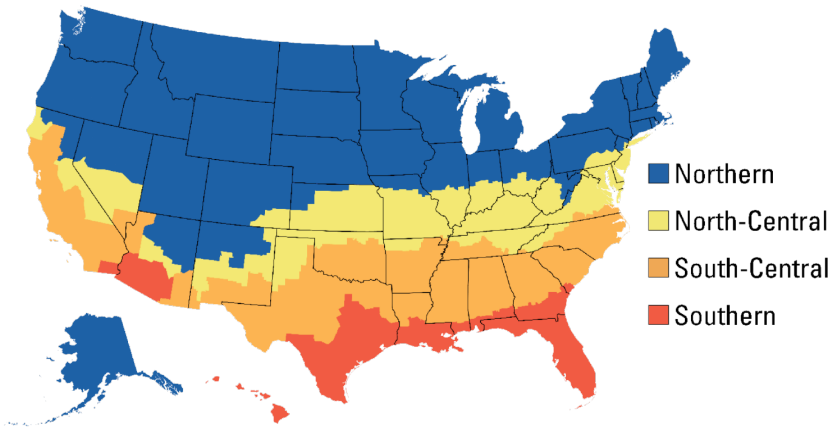
ENERGY STAR Version 7.0 Recognition Criteria Residential Windows and Swinging & Sliding Glass Doors



Windows and Sliding Glass Doors

Climate Zone	U-Factor[1]	SHGC[2]	
Northern	≤ 0.22	≥0.17	Prescriptive
	= 0.23	≥ 0.35	Equivalent Energy Performance
	= 0.24	≥ 0.40	
	= 0.25	≥ 0.45	
	= 0.26	≥ 0.50	
North-Central	≤ 0.24	≤ 0.40	
South-Central	≤ 0.28	≤ 0.23	
Southern	≤ 0.32	≤ 0.23	

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ENERGY STAR Qualification Criteria for Doors, Version 7.0

Glazing Level	U-Factor[1]	SHGC[2]	
Opaque	≤ 0.17	No Rating	
≤ ½-Lite	≤ 0.23	≤ 0.25	
> ½-Lite	≤ 0.28	Northern & North-Central	≤ 0.40
		Southern & South-Central	≤ 0.23

Air Leakage for other Sliding Doors ≤ 0.3 cfm/ft²
Air Leakage for Swinging Doors ≤ 0.5 cfm/ft²

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The Environmental Protection Agency introduces **ENERGY STAR Most Efficient, Version 7.0**, a distinction that recognizes products that deliver cutting edge energy efficiency along with the latest technological innovation. It is an award that truly represents the very best of ENERGY STAR.

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