



Manufacturer's Certification Statement

WeatherBarr Replacement Windows & Doors

(Effective 1/31/11)

The Harry G Barr Company is the manufacturer of vinyl window and door systems under the brand name of Weather-barr Windows and Doors. The company is headquartered at 6500 South Zero, Fort Smith, Arkansas, 72903. Weather-barr products are eligible building envelope components that may qualify for the federal income tax credit allowed under the Internal Revenue Code, Section 25C. Please check the list below to see which products qualify based on the Energy Star Region that your home is located.

The Weatherbarr products listed on the following pages of this Certification Statement with performance criteria that qualify within the specified Energy Star regions are eligible building envelope components and qualify for the tax credit allowed in the Tax Relief, Unemployment Insurance Reauthorization, and Job Creation Act of 2010.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct and complete.

A handwritten signature in black ink that reads "Mark Barr". The signature is written in a cursive style.

Mark Barr
Vice-president Sales & Marketing

Taxpayer is not required to attach the manufacturer certification statement to their return. Taxpayers should however retain this certification statement as part of their tax records. As in all tax matters, the taxpayer is advised to consult their tax professional.



570 SERIES



SINGLE HUNG

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.49	0.61	0.64	43	
		GBG	0.49	0.55	0.57	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.35	0.29	0.54	53	SC
		GBG	0.35	0.26	0.48	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.32	0.29	0.54	56	NC SC
		GBG	0.32	0.26	0.48	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.31	0.29	0.54	59	NC SC
		GBG	0.31	0.26	0.48	59	NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.32	0.25	0.49	56	NC SC S
		GBG	0.32	0.22	0.44	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.30	0.25	0.49	59	N NC SC S
		GBG	0.30	0.22	0.44	59	N NC SC S

HORIZONTAL SLIDER

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.49	0.61	0.63	43	
		GBG	0.49	0.54	0.56	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.35	0.29	0.53	54	SC
		GBG	0.35	0.26	0.48	54	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.32	0.28	0.53	56	NC SC
		GBG	0.32	0.26	0.48	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.28	0.53	59	N NC SC
		GBG	0.30	0.26	0.48	59	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.31	0.24	0.49	56	NC SC S
		GBG	0.31	0.22	0.43	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.30	0.24	0.49	59	N NC SC S
		GBG	0.30	0.22	0.43	59	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.48	0.64	0.66	44	
		GBG	0.48	0.57	0.59	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.30	0.56	56	SC
		GBG	0.34	0.27	0.50	56	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.30	0.30	0.56	56	N NC SC
		GBG	0.30	0.27	0.50	56	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.30	0.56	59	N NC SC
		GBG	0.30	0.27	0.50	59	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.30	0.26	0.51	56	N NC SC S
		GBG	0.30	0.23	0.46	56	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.26	0.51	59	N NC SC S
		GBG	0.29	0.23	0.46	59	N NC SC S

RESTORATION



DOUBLE HUNG

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.48	0.60	0.63	43	
		GBG	0.48	0.54	0.56	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.28	0.53	53	SC
		GBG	0.34	0.25	0.47	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.31	0.28	0.53	56	NC SC
		GBG	0.31	0.25	0.47	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.28	0.53	60	N NC SC
		GBG	0.30	0.25	0.47	60	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.24	0.24	0.41	65	N NC SC S
		GBG	0.24	0.22	0.37	65	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.31	0.24	0.48	56	NC SC S
		GBG	0.31	0.22	0.43	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.24	0.48	60	N NC SC S
		GBG	0.29	0.22	0.43	60	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.24	0.20	0.34	65	N NC SC S
		GBG	0.24	0.19	0.31	65	N NC SC S

HORIZONTAL SLIDER

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.47	0.59	0.61	43	
		GBG	0.47	0.53	0.55	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.28	0.52	53	SC
		GBG	0.34	0.25	0.46	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.30	0.27	0.52	56	N NC SC S
		GBG	0.30	0.25	0.46	56	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.29	0.27	0.52	60	N NC SC S
		GBG	0.29	0.25	0.46	60	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.23	0.24	0.41	67	N NC SC S
		GBG	0.24	0.21	0.36	67	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.30	0.24	0.47	57	N NC SC S
		GBG	0.30	0.21	0.42	57	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.24	0.47	61	N NC SC S
		GBG	0.29	0.21	0.42	61	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.23	0.20	0.34	67	N NC SC S
		GBG	0.24	0.18	0.30	67	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.45	0.63	0.67	43	
		GBG	0.45	0.57	0.60	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.31	0.30	0.56	54	NC SC
		GBG	0.31	0.27	0.50	54	NC SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.28	0.30	0.56	57	N NC SC
		GBG	0.28	0.27	0.50	57	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.27	0.30	0.56	59	N NC SC
		GBG	0.27	0.27	0.50	59	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.21	0.26	0.44	67	N NC SC S
		GBG	0.21	0.23	0.39	67	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.27	0.26	0.51	57	N NC SC S
		GBG	0.27	0.23	0.46	57	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.27	0.26	0.51	59	N NC SC S
		GBG	0.27	0.23	0.46	59	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.20	0.22	0.37	68	N NC SC S
		GBG	0.21	0.20	0.33	68	N NC SC S

LEGACY



DOUBLE HUNG

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.48	0.60	0.63	43	
		GBG	0.48	0.54	0.56	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.28	0.53	53	SC
		GBG	0.34	0.25	0.47	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.31	0.28	0.53	56	NC SC
		GBG	0.31	0.25	0.47	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.28	0.53	60	N NC SC
		GBG	0.30	0.25	0.47	60	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.24	0.24	0.41	65	N NC SC S
		GBG	0.24	0.22	0.37	65	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.31	0.24	0.48	56	NC SC S
		GBG	0.31	0.22	0.43	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.24	0.48	60	N NC SC S
		GBG	0.29	0.22	0.43	60	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.24	0.20	0.34	65	N NC SC S
		GBG	0.24	0.19	0.31	65	N NC SC S

HORIZONTAL SLIDER

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.47	0.59	0.61	43	
		GBG	0.47	0.53	0.55	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.28	0.52	53	SC
		GBG	0.34	0.25	0.46	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.30	0.27	0.52	56	N NC SC S
		GBG	0.30	0.25	0.46	56	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.29	0.27	0.52	60	N NC SC S
		GBG	0.29	0.25	0.46	60	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.23	0.24	0.41	67	N NC SC S
		GBG	0.24	0.21	0.36	67	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.30	0.24	0.47	57	N NC SC S
		GBG	0.30	0.21	0.42	57	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.24	0.47	61	N NC SC S
		GBG	0.29	0.21	0.42	61	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.23	0.20	0.34	67	N NC SC S
		GBG	0.24	0.18	0.30	67	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.45	0.63	0.67	43	
		GBG	0.45	0.57	0.60	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.31	0.30	0.56	54	NC SC
		GBG	0.31	0.27	0.50	54	NC SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.28	0.30	0.56	57	N NC SC
		GBG	0.28	0.27	0.50	57	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.27	0.30	0.56	59	N NC SC
		GBG	0.27	0.27	0.50	59	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.21	0.26	0.44	67	N NC SC S
		GBG	0.21	0.23	0.39	67	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.27	0.26	0.51	57	N NC SC S
		GBG	0.27	0.23	0.46	57	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.27	0.26	0.51	59	N NC SC S
		GBG	0.27	0.23	0.46	59	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.20	0.22	0.37	68	N NC SC S
		GBG	0.21	0.20	0.33	68	N NC SC S

5000 SERIES



CASEMENT

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.43	0.53	0.54	44	
		GBG	0.43	0.48	0.49	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.32	0.25	0.46	56	NC SC S
		GBG	0.32	0.22	0.41	56	NC SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.29	0.24	0.46	60	N NC SC S
		GBG	0.29	0.22	0.41	60	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.28	0.24	0.46	63	N NC SC S
		GBG	0.28	0.22	0.41	63	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.29	0.21	0.42	60	N NC SC S
		GBG	0.29	0.19	0.37	60	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.28	0.21	0.42	63	N NC SC S
		GBG	0.28	0.19	0.37	63	N NC SC S

AWNING

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.43	0.53	0.54	44	
		GBG	0.43	0.48	0.49	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.32	0.25	0.46	56	NC SC S
		GBG	0.32	0.22	0.41	56	NC SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.29	0.24	0.46	60	N NC SC S
		GBG	0.29	0.22	0.41	60	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.28	0.24	0.46	63	N NC SC S
		GBG	0.28	0.22	0.41	63	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.29	0.21	0.42	60	N NC SC S
		GBG	0.29	0.19	0.37	60	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.28	0.21	0.42	63	N NC SC S
		GBG	0.28	0.19	0.37	63	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.45	0.61	0.63	44	
		GBG	0.46	0.55	0.56	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.32	0.29	0.54	55	NC SC
		GBG	0.34	0.26	0.48	55	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.28	0.28	0.54	59	N NC SC
		GBG	0.30	0.26	0.48	59	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.28	0.28	0.54	61	N NC SC
		GBG	0.29	0.26	0.48	61	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.28	0.25	0.49	59	N NC SC S
		GBG	0.30	0.22	0.44	59	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.27	0.25	0.49	61	N NC SC S
		GBG	0.29	0.22	0.44	61	N NC SC S

270 SERIES



SINGLE HUNG

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.49	0.61	0.64	43	
		GBG	0.49	0.55	0.57	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.35	0.29	0.54	53	SC
		GBG	0.35	0.26	0.48	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.32	0.29	0.54	56	NC SC
		GBG	0.32	0.26	0.48	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.31	0.29	0.54	59	NC SC
		GBG	0.31	0.26	0.48	59	NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.32	0.25	0.49	56	NC SC S
		GBG	0.32	0.22	0.44	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.30	0.25	0.49	59	N NC SC S
		GBG	0.30	0.22	0.44	59	N NC SC S

HORIZONTAL SLIDER

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.49	0.61	0.63	43	
		GBG	0.49	0.54	0.56	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.35	0.29	0.53	54	SC
		GBG	0.35	0.26	0.48	54	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.32	0.28	0.53	56	NC SC
		GBG	0.32	0.26	0.48	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.28	0.53	59	N NC SC
		GBG	0.30	0.26	0.48	59	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.31	0.24	0.49	56	NC SC S
		GBG	0.31	0.22	0.43	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.30	0.24	0.49	59	N NC SC S
		GBG	0.30	0.22	0.43	59	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.48	0.64	0.66	44	
		GBG	0.48	0.57	0.59	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.30	0.56	56	SC
		GBG	0.34	0.27	0.50	56	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.30	0.30	0.56	56	N NC SC
		GBG	0.30	0.27	0.50	56	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.30	0.56	59	N NC SC
		GBG	0.30	0.27	0.50	59	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.30	0.26	0.51	56	N NC SC S
		GBG	0.30	0.23	0.46	56	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.26	0.51	59	N NC SC S
		GBG	0.29	0.23	0.46	59	N NC SC S

730 SERIES



DOUBLE HUNG

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.48	0.60	0.63	43	
		GBG	0.48	0.54	0.56	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.35	0.28	0.53	53	SC
		GBG	0.35	0.25	0.47	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.31	0.28	0.53	56	NC SC
		GBG	0.31	0.25	0.47	56	NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.30	0.28	0.53	60	N NC SC
		GBG	0.30	0.25	0.47	60	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.24	0.24	0.41	65	N NC SC S
		GBG	0.25	0.22	0.37	65	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.31	0.24	0.48	56	NC SC S
		GBG	0.31	0.22	0.43	56	NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.24	0.48	60	N NC SC S
		GBG	0.29	0.22	0.43	60	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.24	0.20	0.34	65	N NC SC S
		GBG	0.24	0.19	0.31	65	N NC SC S

HORIZONTAL SLIDER

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.47	0.59	0.61	43	
		GBG	0.47	0.53	0.55	43	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.34	0.28	0.52	53	SC
		GBG	0.34	0.25	0.46	53	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.30	0.27	0.52	56	N NC SC S
		GBG	0.30	0.25	0.46	56	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.29	0.27	0.52	61	N NC SC S
		GBG	0.29	0.25	0.46	61	N NC SC S
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.23	0.24	0.41	67	N NC SC S
		GBG	0.24	0.21	0.36	67	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.30	0.24	0.47	56	N NC SC S
		GBG	0.30	0.21	0.42	56	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.29	0.24	0.47	61	N NC SC S
		GBG	0.29	0.21	0.42	61	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.23	0.20	0.34	67	N NC SC S
		GBG	0.24	0.18	0.30	67	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.47	0.69	0.73	44	
		GBG	0.47	0.62	0.65	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.31	0.33	0.62	56	NC
		GBG	0.31	0.30	0.55	56	NC SC
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.27	0.32	0.62	59	N NC
		GBG	0.27	0.29	0.55	59	N NC SC
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.27	0.32	0.62	61	N NC
		GBG	0.27	0.29	0.55	61	N NC SC
Energy Smart III	2-7036 LE / Superspacer / Argon	No Grid	0.22	0.28	0.48	68	N NC SC
		GBG	0.23	0.25	0.43	68	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.27	0.28	0.56	60	N NC SC
		GBG	0.27	0.25	0.50	60	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.26	0.28	0.56	62	N NC SC
		GBG	0.26	0.25	0.50	62	N NC SC S
Solar Smart III	2-6331 LE / Superspacer / Argon	No Grid	0.22	0.24	0.40	69	N NC SC S
		GBG	0.23	0.21	0.36	69	N NC SC S

4000 SERIES



CASEMENT

NFRC VALUES

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.43	0.53	0.54	44	
		GBG	0.43	0.48	0.49	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.32	0.25	0.46	56	NC SC S
		GBG	0.32	0.22	0.41	56	NC SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.29	0.24	0.46	60	N NC SC S
		GBG	0.29	0.22	0.41	60	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.28	0.24	0.46	63	N NC SC S
		GBG	0.28	0.22	0.41	63	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.29	0.21	0.42	60	N NC SC S
		GBG	0.29	0.19	0.37	60	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.28	0.21	0.42	63	N NC SC S
		GBG	0.28	0.19	0.37	63	N NC SC S

AWNING

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.43	0.53	0.54	44	
		GBG	0.43	0.48	0.49	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.32	0.25	0.46	56	NC SC S
		GBG	0.32	0.22	0.41	56	NC SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.29	0.24	0.46	60	N NC SC S
		GBG	0.29	0.22	0.41	60	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.28	0.24	0.46	63	N NC SC S
		GBG	0.28	0.22	0.41	63	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.29	0.21	0.42	60	N NC SC S
		GBG	0.29	0.19	0.37	60	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.28	0.21	0.42	63	N NC SC S
		GBG	0.28	0.19	0.37	63	N NC SC S

PICTURE WINDOW

GLAZING TYPE			U-VALUE	SHGC	VLT	CRF	2010 Energy Star
Clear	Clear / Intercept / Air	No Grid	0.44	0.61	0.63	44	
		GBG	0.45	0.54	0.56	44	
Low-e 3	7036 LE / Intercept / Air	No Grid	0.31	0.29	0.54	55	NC SC
		GBG	0.33	0.26	0.48	55	SC S
Energy Smart I	7036 LE / Intercept / Argon	No Grid	0.27	0.28	0.54	59	N NC SC
		GBG	0.29	0.26	0.48	59	N NC SC S
Energy Smart II	7036 LE / Superspacer / Argon	No Grid	0.26	0.28	0.54	61	N NC SC
		GBG	0.28	0.26	0.48	61	N NC SC S
Solar Smart I	6331LE / Intercept / Argon	No Grid	0.27	0.25	0.49	59	N NC SC S
		GBG	0.29	0.22	0.44	59	N NC SC S
Solar Smart II	6331 LE / Superspacer / Argon	No Grid	0.26	0.25	0.49	62	N NC SC S
		GBG	0.28	0.22	0.44	62	N NC SC S