

STERGIS THERMAL TESTING SUMMARY



Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Picture Window					AMW-K-1
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.46	0.64/0.58	0.67/0.60	46	01629-00001/01629-00002
Low-E 270	0.32	0.31/0.28	0.57/0.51	59	01642-00001/01642-00002
EnerG Low-E 270A	0.28	0.31/0.28	0.57/0.51	63	01643-00001/01643-00002
Low-E 366	0.31	0.23/0.21	0.53/0.47	60	01658-00001/01658-00002
EnerG Low-E 366A	0.27	0.23/0.21	0.53/0.47	64	01659-00001/01659-00002
Clear - .090" Lami	0.49	0.57/0.51	0.66/0.59	44	01636-00001/01636-00002
EnerG Low-E 270A - 0.090" Lami	0.32	0.36/0.32	0.56/0.50	59	01652-00001/01652-00002
EnerG Low-E 366A - 0.090" Lami	0.32	0.31/0.28	0.52/0.46	60	01668-00001/01668-00002
Low-E 180A/i89	0.25	0.51/0.46	0.63/0.56	50	02084-00001 / 02084-00002
Low-E 366A/i89	0.24	0.22/0.20	0.52/0.46	59	02086-00001 / 02086-00002
Triple Glazed - Dual Low-E & i89	0.19/0.20	0.23/0.21	0.44/0.39	59	02087-00001 / 02088-00001

Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Single Hung					AMW-K-2
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.46	0.61/0.55	0.65/0.58	44	03360-00001/03360-00002
Low-E 270	0.32	0.29/0.27	0.55/0.49	56	03369-00001/03369-00002
EnerG Low-E 270A	0.28	0.29/0.26	0.55/0.49	60	03370-00001/03370-00002
Low-E 366	0.31	0.22/0.20	0.51/0.45	56	03377-00001/03377-00002
EnerG Low-E 366A	0.27	0.22/0.20	0.51/0.45	60	03378-00001/03378-00002
Clear - .090" Lami	0.48	0.59/0.53	0.63/0.57	43	03363-00003/03363-00004
EnerG Low-E 270A - 0.090" Lami	0.32	0.26	0.48	48	03372-00003/03372-00004
EnerG Low-E 366A - 0.090" Lami	0.30	0.22/0.20	0.50/0.45	48	03379-00003/01668-00004
Low-E 180A/i89	0.26	0.49/0.44	0.61/0.54	49	04963-00001 / 04963-00002
Low-E 366A/i89	0.25	0.21/0.19	0.50/0.44	50	04965-00001 / 04965-00002
Triple Glazed - Dual Low-E & i89	0.21	0.22/0.20	0.42/0.38	58	04966-00001 / 04967-00001

Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Single Slider (XO)					AMW-K-3
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.47	0.61/0.55	0.64/0.57	45	03101-00001/03101-00002
Low-E 270	0.32	0.29/0.27	0.55/0.49	58	03110-00001/03110-00002
EnerG Low-E 270A	0.29	0.29/0.26	0.55/0.49	62	03111-00001/03111-00002
Low-E 366	0.32	0.22/0.20	0.51/0.45	59	03118-00001/03118-00002
EnerG Low-E 366A	0.28	0.22/0.20	0.51/0.45	63	03119-00001/03119-00002
Clear - 0.090" Lami	0.49	0.59/0.53	0.63/0.56	44	03104-00003/03104-00004
EnerG Low-E 270A - 0.090" Lami	0.31	0.29/0.26	0.54/0.48	57	03152-00003/03152-00004
EnerG Low-E 366A - 0.090" Lami	0.30	0.22/0.20	0.50/0.44	57	03160-00003/03160-00004
Low-E 180A/i89	0.25	0.49/0.44	0.60/0.54	49	04524-00001 / 04524-00002
Low-E 366A/i89	0.24	0.21/0.19	0.49/0.44	51	04526-00001 / 04526-00002
Triple Glazed - Dual Low-E & i89	0.20	0.22/0.20	0.42/0.38	58	04527-00001 / 04528-00001

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Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
2-lite Slider (XX)					AMW-K-4
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.46	0.59/0.53	0.62/0.56	45	06301-00001/06301-00002
Low-E 270	0.32	0.28/0.26	0.53/0.47	58	06310-00001/06310-00002
EnerG Low-E 270A	0.29	0.28/0.25	0.53/0.47	62	06311-00001/06311-00002
Low-E 366	0.32	0.21/0.19	0.49/0.44	58	06318-00001/06318-00002
EnerG Low-E 366A	0.28	0.21/0.19	0.49/0.44	62	06319-00001/06319-00002
Clear – 0.090” Lami	0.48	0.57/0.51	0.61/0.55	44	06304-00003/06304-00004
EnerG Low-E 270A - 0.090" Lami	0.31	0.28/0.25	0.52/0.47	59	06312-00003/06312-00004
EnerG Low-E 366A - 0.090" Lami	0.30	0.21/0.19	0.48/0.43	60	06320-00003/06320-00004
Low-E 180A/i89	0.26	0.46/0.42	0.56/0.51	48	08412-00001 / 08412-00002
Low-E 366A/i89	0.25	0.20/0.18	0.46/0.42	49	08414-00001 / 08414-00002
Triple Glazed - Dual Low-E & i89	0.21	0.22/0.19	0.39/0.35	59	08415-00001 / 08416-00001

Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Double Hung					AMW-K-6
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.47	0.60/0.54	0.63/0.56	44	13195-00001/13195-00002
Low-E 270	0.33	0.29/0.26	0.54/0.48	56	13204-00001/13204-00002
EnerG Low-E 270A	0.29	0.29/0.26	0.55/0.49	60	17165-00001/17165-00002
Low-E 366	0.33	0.22/0.20	0.50/0.44	56	13212-00001/13212-00002
EnerG Low-E 366A	0.27	0.22/0.20	0.50/0.45	61	17173-00001/17173-00002
Clear – 0.090” Lami	0.50	0.57/0.51	0.62/0.55	43	13198-00003/13198-00004
EnerG Low-E 270A - 0.090" Lami	0.33	0.29/0.26	0.53/0.47	57	17166-00003/17166-00004
EnerG Low-E 366A - 0.090" Lami	0.32	0.22/0.20	0.49/0.44	57	17174-00003/17174-00004
Low-E 180A/i89	0.25	0.49/0.44	0.60/0.53	51	
Low-E 366A/i89	0.24	0.21/0.19	0.49/0.44	49	
Triple Glazed - Dual Low-E & i89	0.25/0.26	0.20/0.18	0.45/0.41	50	

Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Casement					AMW-K-8
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.43	0.57/0.52	0.60/0.54	43	01424-00001/01424-00002
Low-E 270	0.31	0.27/0.25	0.51/0.46	56	01433-00001/01433-00002
EnerG Low-E 270A	0.27	0.27/0.25	0.51/0.46	59	01434-00001/01434-00002
Low-E 366	0.30	0.21/0.19	0.47/0.43	56	01441-00001/01441-00002
EnerG Low-E 366A	0.27	0.20/0.19	0.47/0.43	59	01442-00001/01442-00002
Clear – 0.090” Lami	0.45	0.55/0.50	0.59/0.53	42	01427-00003/01427-00004
EnerG Low-E 270A - 0.090" Lami	0.29	0.27/0.25	0.50/0.45	53	01435-00003/01435-00004
EnerG Low-E 366A - 0.090" Lami	0.29	0.20/0.19	0.46/0.42	53	01443-00003/01443-00004
Low-E 180A/i89	0.24	0.46/0.42	0.56/0.51	48	02075-00001 / 02075-00002
Low-E 366A/i89	0.23	0.20/0.18	0.46/0.42	49	02077-00001 / 02077-00002
Triple Glazed - Dual Low-E & i89	0.20	0.21/0.19	0.39/0.35	56	02078-00001 / 02079-00001

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Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Awning					AMW-K-9
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.44	0.57/0.52	0.60/0.54	43	01391-00001/01391-00002
Low-E 270	0.31	0.27/0.25	0.51/0.46	54	01400-00001/01400-00002
EnerG Low-E 270A	0.28	0.27/0.25	0.51/0.46	58	01401-00001/01401-00002
Low-E 366	0.30	0.21/0.19	0.47/0.43	54	01408-00001/01408-00002
EnerG Low-E 366A	0.27	0.20/0.19	0.47/0.43	58	01409-00001/01409-00002
Clear – 0.090” Lami	0.46	0.55/0.50	0.59/0.53	42	01394-00003/01394-00004
EnerG Low-E 270A - 0.090" Lami	0.30	0.25	0.45	45	01403-00003/01403-00004
EnerG Low-E 366A - 0.090" Lami	0.29	0.20/0.19	0.46/0.42	45	01410-00003/01410-00004
Low-E 180A/i89	0.24	0.46/0.42	0.56/0.51	45	02042-00001 / 02042-00002
Low-E 366A/i89	0.23	0.20/0.18	0.46/0.41	46	02044-00001 / 02044-00002
Triple Glazed - Dual Low-E & i89	0.19/0.20	0.21/0.19	0.39/0.35	56	02045-00001 / 02046-00001

Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
Fixed Casement					AMW-K-10
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.44	0.64/0.58	0.68/0.60	43	01202-00001/01202-00002
Low-E 270	0.29	0.31/0.28	0.58/0.51	55	01211-00001/01211-00002
EnerG Low-E 270A	0.26	0.30/0.28	0.58/0.51	59	01212-00001/01212-00002
Low-E 366	0.29	0.23/0.21	0.53/0.48	56	01219-00001/01219-00002
EnerG Low-E 366A	0.25	0.23/0.21	0.53/0.48	59	01220-00001/01220-00002
Clear – 0.090” Lami	0.46	0.62/0.56	0.66/0.59	42	01205-00003/01205-00004
EnerG Low-E 270A - 0.090" Lami	0.29	0.28	0.51	50	01214-00003/01214-00004
EnerG Low-E 366A - 0.090" Lami	0.27	0.23/0.21	0.52/0.47	50	01221-00003/01221-00004
Low-E 180A/i89	0.23	0.51/0.46	0.63/0.57	47	01527-00001 / 01527-00002
Low-E 366A/i89	0.22	0.22/0.20	0.52/0.46	49	01529-00001 / 01529-00002
Triple Glazed - Dual Low-E & i89	0.18	0.23/0.21	0.44/0.40	56	01530-00001 / 01531-00001

Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
1100 Sliding Glass Door (Direct Glazed Fixed Panel)					AMW-K-19
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.45	0.62/0.55	0.65/0.57	46	00001-00001/00001-00002
Low-E 270	-	-	-	-	-
EnerG Low-E 270A	0.27	0.29/0.26	0.56/0.49	62	00004-00001/00003-00002
Low-E 366	-	-	-	-	-
EnerG Low-E 366A	0.26	0.22/0.20	0.51/.045	63	00007-00001/00005-00002
Triple Glazed – Low-E 270A x 2	0.17	0.25/0.22	0.43/0.38	68	00010-00001/00007-00002
Triple Glazed – Low-E 366A x 2	0.17	0.19/0.17	0.37/0.32	68	00014-00001/00008-00002

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Windgate/Belmont/Hawthorne/Stormgate					No Grids/With Grids
1100 Sliding Glass Door (2 Panel)					AMW-K-20
Glass Type	U-Factor	SHGC	VT	CRF	CPD
Clear	0.44	0.61/0.53	0.64/0.56	46	00001-00001/00001-00002
Low-E 270	-	-	-	-	-
EnerG Low-E 270A	0.27	0.29/0.26	0.54/.048	62	00004-00001/00003-00002
Low-E 366	-	-	-	-	-
EnerG Low-E 366A	0.26	0.21/.019	0.50/0.44	63	00007-00001/00005-00002
Triple Glazed – Low-E 270A x 2	0.18	0.24/0.22	0.42/0.37	68	00010-00001/00007-00002
Triple Glazed – Low-E 366A x 2	0.17	0.19/0.17	0.36/0.32	69	00014-00001/00008-00002