



8/3/2012		WINDOW PERFORMANCE SUMMARY																									** Products not having a MGM # A- ___ are not yet certified by NFRC and Can Not be labeled as an Energy Star Product**																								
STRUCTURAL PERFORMANCE					THERMAL SIMULATIONS																																														
Series#	Type	DP Class Rating	Size Tested	EXP. Date	U FACTOR								SOLAR HEAT GAIN COEFFICIENT (SHGC)						VISIBLE TRANSMITTANCE (VT)						CONDENSATION RESISTANCE (CR)																										
					Air cfm/ft <sup>2</sup>	Clear Air	LoE Surf.	270		366		Clear Air N/G	270		366		Clear Air N/G	270		366		Clear Air N/G	270		366																										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27																									
1	8010	DH	DP-35	44"x63"	08/2010	0.21	0.46	#2	0.32	0.28	0.32	0.28	.61/.54	.29/.26	.28/.26	.21/.19	.21/.19	.64/.57	.54/.48	.54/.48	.50/.44	.50/.44	44	55	58	55	59																								
2	8010	PICS	DP-65	44"x63"	08/2010	0.10	0.44	#2	0.31	0.27	0.3	0.26	.62/.56	.29/.27	.29/.26	.22/.20	.22/.20	.65/.58	.56/.50	.56/.50	.51/.46	.51/.46	46	58	63	59	63																								
3	8010/65	PIC	DP-65	72"x60"	10/2015	0.10	0.46	#2	0.31	0.27	0.3	0.26	.68/.61	.32/.29	.32/.29	.24/.22	.23/.21	.71/.64	.60/.54	.60/.54	.56/.50	.56/.50	45	57	61	58	62																								
4	8010/65	PIC	DP-65	48"x84"	10/2015	0.10	0.46	#2	0.31	0.27	0.3	0.26	.68/.61	.32/.29	.32/.29	.24/.22	.23/.21	.71/.64	.60/.54	.60/.54	.56/.50	.56/.50	45	57	61	58	62																								
5	8065	DH	DP-65	44"x63"	04/2012	0.21	0.48	#2	0.35	0.31	0.34	0.3	.60/.53	.29/.26	.28/.26	.21/.19	.21/.19	.63/.56	.54/.48	.54/.48	.49/.44	.49/.44	43	51	51	51	51																								
6	8065	DH	DP-65	36"x84"	04/2013	0.21	0.48	#2	0.35	0.31	0.34	0.3	.60/.53	.29/.26	.28/.26	.21/.19	.21/.19	.63/.56	.54/.48	.54/.48	.49/.44	.49/.44	43	51	51	51	51																								
7	8065	DHTW	DP-50	88"x74"	04/2012	0.21	0.48	#2	0.35	0.31	0.34	0.3	.60/.53	.29/.26	.28/.26	.21/.19	.21/.19	.63/.56	.54/.48	.54/.48	.49/.44	.49/.44	43	51	51	51	51																								
8	8080	DH	DP-50	36"x84"	04/2013	0.21	.51/.51	#2	.39/.41	.34/.35	.40/.40	.34/.35	.52/.47	.29/.26	.28/.25	.22/.20	.21/.19	.61/.54	.52/.46	.52/.46	.48/.43	.48/.43	41	43	46	43	46																								
9	8080	PIC	DP-50	48"x60"	04/2013	0.10	.49/.50	#3	.37/.38	.31/.32	.36/.38	.30/.32	.58/.52	.37/.33	.37/.33	.31/.28	.31/.28	.68/.61	.58/.52	.58/.52	.53/.48	.53/.48	43	47	50	47	50																								
10	8080	PIC	DP-50	36"x72"	04/2013	0.10	.49/.50	#3	.37/.38	.31/.32	.36/.38	.30/.32	.58/.52	.37/.33	.37/.33	.31/.28	.31/.28	.68/.61	.58/.52	.58/.52	.53/.48	.53/.48	43	47	50	47	50																								
11	8080	PIC	DP-50	48"x48"	04/2013	0.10	.49/.50	#3	.37/.38	.31/.32	.36/.38	.30/.32	.58/.52	.37/.33	.37/.33	.31/.28	.31/.28	.68/.61	.58/.52	.58/.52	.53/.48	.53/.48	43	47	50	47	50																								
12	8017	DH	DP-40	36"x72"	05/2015	0.10	0.41	#2	0.28	0.25	0.28	0.25	.61/.54	.29/.26	.28/.25	.21/.19	.21/.19	.63/.56	.54/.48	.54/.48	.50/.44	.50/.44	30	34	35	34	35																								
13	8017/67	PIC	NT	NT	NT	0.10	0.44	#2	0.3	0.26	0.29	0.25	.69/.62	.33/.30	.32/.29	.24/.22	.24/.22	.73/.65	.62/.55	.62/.55	.57/.51	.57/.51	38	44	46	45	46																								
14	8017	PICS	NT	NT	NT	0.10	0.42	#2	0.29	0.25	0.29	0.25	.62/.56	.29/.26	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.51/.46	.51/.46	38	44	46	44	46																								
15	8087	PIC	NT	NT	NT	0.10	.50/.52	#3	.38/.40	.32/.35	.37/.40	.31/.34	.59/.53	.38/.34	.37/.34	.32/.29	.32/.29	.69/.62	.59/.53	.59/.53	.55/.49	.55/.49	41	50	54	50	55																								
16	8067	DH	NT	NT	NT	0.10	0.48	#2	0.35	0.31	0.35	0.31	.59/.53	.28/.26	.28/.25	.21/.19	.21/.19	.63/.56	.53/.47	.53/.47	.49/.44	.49/.44	42	50	50	50	50																								
17	8087	DH	NT	NT	NT	0.10	.51/.52	#2	.40/.42	.35/.37	.40/.42	.35/.37	.52/.46	.28/.26	.28/.25	.22/.20	.21/.19	.61/.54	.52/.46	.52/.46	.48/.42	.48/.42	40	42	45	42	45																								
18	8005	SGD	DP-35	72"x80"	08/2005	0.20	0.48	#2	0.34	0.31	0.34	0.3	.62/.54	.30/.26	.29/.26	.22/.20	.22/.20	.65/.57	.55/.48	.55/.48	.51/.45	.51/.45	43	54	57	54	57																								
19	8005	SGD	DP-20	96"x80"		0.20	0.48	#2	0.34	0.31	0.34	0.3	.62/.54	.30/.26	.29/.26	.22/.20	.22/.20	.65/.57	.55/.48	.55/.48	.51/.45	.51/.45	43	54	57	54	57																								
20	9000	SGD	DP-35	60610	01/2014	0.10		#2	0.32	0.29	0.32	0.28		.30/.27	.30/.27	.22/.20	.22/.20		.57/.50	.57/.50	.52/.46	.52/.46		53	54	54	54																								
21	9050	SGD	DP-50	90610	03/2014	0.10		#2	0.32	0.29	0.32	0.28		.30/.27	.30/.27	.22/.20	.22/.20		.57/.50	.57/.50	.52/.46	.52/.46		53	54	54	54																								
22	9050	SGD	DP-30	142"x80"	03/2012	0.15		#2	0.32	0.29	0.32	0.28		.30/.27	.30/.27	.22/.20	.22/.20		.57/.50	.57/.50	.52/.46	.52/.46		53	54	54	54																								
23	9050	SGD	DP-50	8080	10/2011	0.10		#2	0.32	0.29	0.32	0.28		.30/.27	.30/.27	.22/.20	.22/.20		.57/.50	.57/.50	.52/.46	.52/.46		53	54	54	54																								
24	9080	SGD	DP-50	80610	04/2014	0.10	0.44	#2	0.31	0.27	0.3	0.27	.54/.47	.30/.26	.30/.26	.22/.20	.22/.20	.64/.57	.55/.48	.55/.48	.51/.44	.51/.44	43	52	55	52	55																								
25	9201	HGD	DP-40	3068	09/2005	0.10	0.51	#2	0.42	0.39	0.41	0.39	.46/.40	.23/.20	.23/.20	.17/.15	.17/.15	.48/.41	.41/.35	.41/.35	.38/.33	.38/.33	41	42	42	42	42																								
26	9202	HGD	DP-35	6068	10/2005	0.10	0.51	#2	0.42	0.39	0.41	0.39	.46/.40	.23/.20	.23/.20	.17/.15	.17/.15	.48/.41	.41/.35	.41/.35	.38/.33	.38/.33	41	42	42	42	42																								
27	9301	HGD	DP-50	3068	03/2006	0.18	0.51	#2	0.42	0.39	0.41	0.39	.46/.40	.23/.20	.23/.20	.17/.15	.17/.15	.48/.41	.41/.35	.41/.35	.38/.33	.38/.33	41	42	42	42	42																								
28	9302	HGD	DP-50	6068	03/2006	0.18	0.51	#2	0.42	0.39	0.41	0.39	.46/.40	.23/.20	.23/.20	.17/.15	.17/.15	.48/.41	.41/.35	.41/.35	.38/.33	.38/.33	41	42	42	42	42																								
29	9380	HGD	DP-50	6068	06/2010	0.18	0.5	#2	0.4	0.38	0.4	0.37	.40/.35	.23/.20	.23/.20	.17/.15	.17/.15	.47/.40	.40/.34	.40/.34	.37/.32	.37/.32	42	42	43	42	43																								



SH, Single Hung      HS, Horizontal Slider      N/G, None/Grid      SGD, Sliding Glass Door      O, Stationary Panel      PIC, Picture Window Direct Set      PCAR, Product Certification Authorization Report  
 DH, Double Hung      DP, Design Pressure      HR, Half Round      HGD, Hinged Glass Door      X, Moving Panel      AWS, Air- Water- Structural      PICS, Picture Window with Sash Insert