

10/16/2012 WINDOW PERFORMANCE SUMMARY

Series#	Type	STRUCTURAL PERFORMANCE				THERMAL SIMULATIONS																							
		DP Class	Size Tested	EXP. Date	AIR cfm/ft ²	Clear Air N/G	LoE Surf.	U FACTOR				SOLAR HEAT GAIN COEFFICIENT (SHGC)						VISIBLE TRANSMITTANCE (VT)						CONDENSATION RESISTANCE (CR)					
								270		366		Clear		270		366		Clear		270		366		Clear		270		366	
Rating	Rating					Air N/G	Arg. N/G	Air N/G	Arg. N/G	Air N/G	Argon N/G	Air N/G	Argon N/G	Air N/G	Argon N/G	Air N/G	Argon N/G	Air N/G	Argon N/G	Air N/G	Argon N/G	Air N/G	Argon N/G	Air N/G	Argon N/G				
1	4010	DH	NT	NT	0.10	0.45	#2	0.32	0.29	0.32	0.29	.57/.51	.27/.25	.27/.25	.21/.19	.20/.18	.60/.53	.52/.46	.52/.46	.48/.42	.48/.42	43	52	55	53	56			
2	4010	PICS	NT	NT	0.10	0.43	#2	0.3	0.26	0.29	0.26	.59/.53	.28/.26	.28/.25	.21/.19	.21/.19	.62/.55	.53/.48	.53/.48	.49/.44	.49/.44	46	46	46	46	46			
3	4600	DH	DP-45	40"x63"	03/2015	0.30	0.47	#2	0.34	0.3	0.34	0.3	.60/.54	.28/.25	.28/.25	.21/.19	.21/.19	.63/.56	.53/.47	.53/.47	.49/.43	.49/.43	43	53	56	53	56		
4	4680	DH	DP-50	54"x76"	1/2015	0.20	0.47	#2	0.35	0.31	0.34	0.31	.50/.45	.28/.25	.28/.25	.21/.19	.21/.19	.60/.53	.51/.45	.51/.45	.47/.42	.47/.42	43	51	54	52	55		
5	4600	HS	Check on current AWS report.		0.20	0.47	#2	0.34	0.31	0.34	0.3	.60/.54	.29/.26	.28/.26	.21/.19	.21/.19	.63/.56	.54/.48	.54/.48	.49/.44	.49/.44	42	51	54	51	55			
6	4600	PIC	DP-45	98"x59"	12/2014	0.10	0.47	#2	0.33	0.29	0.32	0.28	.68/.61	.32/.29	.32/.29	.24/.22	.24/.22	.71/.64	.61/.55	.61/.55	.56/.50	.56/.50	43	52	56	53	56		
7	4650	DH	DP-50	54"x76"	01/2015	0.20	0.47	#2	0.35	0.31	0.35	0.31	.59/.53	.28/.25	.28/.25	.21/.19	.21/.19	.62/.55	.53/.47	.53/.47	.49/.43	.49/.43	41	50	53	50	53		
8	4650	PIC	DP-45	98"x59"	12/2014	0.10	0.47	#2	0.33	0.29	0.32	0.28	.68/.61	.32/.29	.32/.29	.24/.22	.24/.22	.71/.64	.61/.55	.61/.55	.56/.50	.56/.50	43	52	56	53	56		
9	4650	HS	DP-50	63"x44"	03/2012	0.20	0.47	#2	0.34	0.31	0.34	0.3	.60/.54	.29/.26	.28/.26	.21/.19	.21/.19	.63/.56	.54/.48	.54/.48	.49/.44	.49/.44	42	51	54	51	55		
10	4710	CSMT	DP-65	36"x72"	05/2015	0.10	0.42	#2	0.31	0.27	0.3	0.27	.60/.54	.25/.23	.25/.23	.19/.17	.19/.17	.62/.55	.47/.42	.47/.42	.43/.39	.43/.39	43	55	58	55	59		
11	4710	AWN			8/2015	0.10	0.42	#2	0.31	0.28	0.3	0.27	.60/.54	.25/.23	.25/.23	.19/.17	.19/.17	.62/.55	.47/.42	.47/.42	.43/.39	.43/.39	43	57	61	57	62		
12	4710	PIC	DP-75	36"x72"	10/2015	0.10	0.43	#2	0.29	0.26	0.29	0.25	.62/.56	.29/.26	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.50/.45	.50/.45	44	53	53	53	53		
13	4780	CSMT	DP-60	36"x72"	05/2015	0.10	.45/.46	#3	.36/.37	.31/.32	.35/.36	.31/.32	.45/.41	.29/.26	.29/.26	.25/.23	.25/.23	.53/.48	.45/.41	.45/.41	.41/.37	.41/.37	43	50	54	50	55		
14	5010	SH	DP-30	36"x74"	10/2012	0.10	0.49	#2	0.34	0.29	0.34	0.29	.65/.59	.31/.28	.31/.28	.23/.21	.23/.21	.68/.61	.58/.52	.58/.52	.54/.48	.54/.48	43	54	59	54	59		
15	5010	HS	NT	NT		0.20	0.49	#2	0.33	0.29	0.33	0.28	.62/.56	.30/.27	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.51/.45	.51/.45	43	54	58	54	58		
16	5010	PICS	NT	NT		0.10	0.48	#2	0.32	0.28	0.32	0.27	.66/.60	.31/.28	.31/.28	.24/.21	.23/.21	.70/.62	.59/.53	.59/.53	.55/.49	.55/.49	47	58	61	58	61		
17	5010	PIC	NT	NT		0.10	0.49	#2	0.34	0.29	0.34	0.28	.68/.61	.32/.29	.32/.29	.24/.22	.24/.22	.71/.64	.60/.54	.60/.54	.56/.50	.56/.50	44	56	60	56	60		
18	5610	SH	DP-40	44"x63"	11/2010	0.20	0.46	#2	0.32	0.28	0.32	0.28	.62/.56	.29/.26	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.51/.46	.51/.46	45	56	60	56	60		
19	5610/65	PIC	DP-65	72"x60"	10/2015	0.10	0.46	#2	0.31	0.27	0.31	0.26	.68/.61	.32/.29	.32/.29	.24/.22	.23/.21	.71/.64	.60/.54	.60/.54	.56/.50	.56/.50	45	58	62	58	62		
20	5610/65	PIC	DP-65	48"x84"	10/2015	0.10	0.46	#2	0.31	0.27	0.31	0.26	.68/.61	.32/.29	.32/.29	.24/.22	.23/.21	.71/.64	.60/.54	.60/.54	.56/.50	.56/.50	45	58	62	58	62		
21	5610	PICS	NT	NT		0.10	0.46	#2	0.3	0.26	0.3	0.26	.70/.63	.33/.30	.33/.30	.25/.22	.24/.22	.73/.66	.62/.56	.62/.56	.58/.52	.58/.52	45	57	61	57	61		
22	5665	SH	DP-30	56"x91"	11/2015	0.10	0.48	#2	0.34	0.31	0.34	0.3	.61/.55	.29/.26	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.51/.45	.51/.45	43	49	50	49	50		
23	5665	SH	DP-55	36"x84"	11/2015	0.10	0.48	#2	0.34	0.31	0.34	0.3	.61/.55	.29/.26	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.51/.45	.51/.45	43	49	50	49	50		
24	5665	SHTW	DP-50	72"x84"	11/2015	0.10	0.48	#2	0.34	0.31	0.34	0.3	.61/.55	.29/.26	.29/.26	.22/.20	.22/.20	.65/.58	.55/.49	.55/.49	.51/.45	.51/.45	43	49	50	49	50		
25	5680	PIC	DP-50	36"x84"	04/2014	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		
26	5680	SH	DP-50	3070	04/2014	0.20	.52/.53	#2	.40/.42	.35/.37	.40/.42	.34/.37	.53/.48	.29/.26	.29/.26	.22/.20	.22/.20	.62/.56	.53/.47	.53/.47	.49/.44	.49/.44	42	46	48	46	48		
27	5680	SHTW	DP-50	72"x84"	04/2014	0.20	.52/.53	#2	.40/.42	.35/.37	.40/.42	.34/.37	.53/.48	.29/.26	.29/.26	.22/.20	.22/.20	.62/.56	.53/.47	.53/.47	.49/.44	.49/.44	42	46	48	46	48		
28	6010	SH	DP-25	48"x75"	06/2014	0.10	0.46	#2	0.32	0.28	0.32	0.28	.65/.58	.31/.28	.30/.27	.23/.21	.23/.20	.67/.60	.57/.51	.57/.51	.53/.47	.53/.47	45	56	60	56	60		
29	6010	SH	DP-40	48"x60"	06/2014	0.10	0.46	#2	0.32	0.28	0.32	0.28	.65/.58	.31/.28	.30/.27	.23/.21	.23/.20	.67/.60	.57/.51	.57/.51	.53/.47	.53/.47	45	56	60	56	60		
30	6010	SH	DP-35	36"x72"	06/2014	0.10	0.46	#2	0.32	0.28	0.32	0.28	.65/.58	.31/.28	.30/.27	.23/.21	.23/.20	.67/.60	.57/.51	.57/.51	.53/.47	.53/.47	45	56	60	56	60		
31	6010	HS	DP-30	69"x48"	02/2008	0.10	0.47	#2	0.33	0.29	0.33	0.29	.62/.55	.29/.26	.29/.26	.22/.20	.21/.19	.64/.57	.55/.49	.55/.49	.50/.45	.50/.45	44	56	59	56	60		
31	6010	PIC	DP-60	72"x60"	10/2015	0.10	0.5	#2	0.33	0.29	0.33	0.29	.67/.60	.31/.28	.31/.28	.23/.21	.23/.21	.70/.62	.59/.53	.59/.53	.54/.49	.54/.49	45	57	59	58	62		
32	6060	PIC	DP-60	72"x60"	10/2015	0.10	0.5	#2	0.33	0.29	0.33	0.29	.67/.60	.31/.28	.31/.28	.23/.21	.23/.21	.70/.62	.59/.53	.59/.53	.54/.49	.54/.49	45	57	59	58	62		
33	6060	PIC	DP-50	48"x84"	10/2015	0.10	0.5	#2	0.33	0.29	0.33	0.29	.67/.60	.31/.28	.31/.28	.23/.21	.23/.21	.70/.62	.59/.53	.59/.53	.54/.49	.54/.49	45	57	59	58	62		
34	6060	SH	DP-40	44"x65"	01/2013	0.10	0.49	#2	0.34	0.3	0.34	0.3	.63/.57	.31/.28	.30/.27	.23/.21	.22/.20	.67/.60	.57/.51	.57/.51	.52/.47	.52/.47	44	55	58	55	58		
35	6060	SH	DP-50	36"x74"	01/2013	0.10	0.49	#2	0.34	0.3	0.34	0.3	.63/.57	.31/.28	.30/.27	.23/.21	.22/.20	.67/.60	.57/.51	.57/.51	.52/.47	.52/.47	44	55	58	55	58		
36	6060	SHTW	DP-50	72"x74"	01/2013	0.10	0.49	#2	0.34	0.3	0.34	0.3	.63/.57	.31/.28	.30/.27	.23/.21	.22/.20	.67/.60	.57/.51	.57/.51	.52/.47	.52/.47	44	55	58	55	58		
37	6060SH	TRIP	DP-40	108"x74"	01/2013	0.10	0.49	#2	0.34	0.3	0.34	0.3	.63/.57	.31/.28	.30/.27	.23/.21	.22/.20	.67/.60	.57/.51	.57/.51	.52/.47	.52/.47	44	55	58	55	58		
38	6060SH	TW-HR	DP-50	2860-5/4H	01/2013	0.10	0.49	#2	0.34	0.3	0.34	0.3	.63/.57	.31/.28	.30/.27	.23/.21	.22/.20	.67/.60	.57/.51	.57/.51	.52/.47	.52/.47	44	55	58	55	58		
39	7010	DH	DP-30	48"x74"	11/2011	0.10	0.45	#2	0.32	0.28	0.32	0.28	.60/.54	.28/.25	.28/.25	.21/.19	.21/.19	.63/.56	.53/.47	.53/.47	.49/.44	.49/.44	44	55	59	55	59		
40	7010	PIC	DP-55	32"x64"	11/2011	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	46	58	62	58	62		
41	7010	PICS	DP-25	32"x64"	11/2011	0.10	0.45	#2	0.32	0.28	0.31	0.27	.61/.55	.29/.26	.29/.26	.22/.20	.21/.19	.64/.57	.54/.48	.54/.48	.50/.45	.50/.45	45	58	62	58	62		
42	7010DH	TWIN	DP-25	72"x74"	11/2011	0.10	0.46	#2	0.32	0.28	0.32	0.28	.60/.54	.28/.25	.28/.25	.21/.19	.21/.19	.63/.56	.53/.47	.53/.47	.49/.44	.49/.44	44	55	59	55	59		

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
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

10/16/2012		WINDOW PERFORMANCE SUMMARY																									
STRUCTURAL PERFORMANCE					THERMAL SIMULATIONS																						
Series#	Type	DP Class Rating	Size Tested	EXP. Date	Air cfm/ft²	U FACTOR				SOLAR HEAT GAIN COEFFICIENT (SHGC)					VISIBLE TRANSMITTANCE (VT)					CONDENSATION RESISTANCE (CR)							
						Clear Air	LoE Surf.	Air 270 N/G	Argon 270 N/G	Air 366 N/G	Argon 366 N/G	Clear Air N/G	Air 270 N/G	Argon 270 N/G	Air 366 N/G	Argon 366 N/G	Clear Air N/G	Air 270 N/G	Argon 270 N/G	Air 366 N/G	Argon 366 N/G	Clear Air N/G	Air 270 N/G	Argon 270 N/G	Air 366 N/G	Argon 366 N/G	
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	0.46	#2	0.33	0.29	0.32	0.29	.63/56	.30/27	.30/27	.22/20	.22/20	.67/58	.57/50	.57/50	.52/46	.52/46	0.42	51	54	52	54
21	9050	SGD	DP-50	90610	03/2014	0.10	0.46	#2	0.33	0.29	0.32	0.29	.63/56	.30/27	.30/27	.22/20	.22/20	.67/58	.57/50	.57/50	.52/46	.52/46	0.42	51	54	52	54
22	9050	SGD	DP-30	142"x80"	03/2012	0.15	0.46	#2	0.33	0.29	0.32	0.29	.63/56	.30/27	.30/27	.22/20	.22/20	.67/58	.57/50	.57/50	.52/46	.52/46	0.42	51	54	52	54
23	9050	SGD	DP-50	8080	10/2011	0.10	0.46	#2	0.33	0.29	0.32	0.29	.63/56	.30/27	.30/27	.22/20	.22/20	.67/58	.57/50	.57/50	.52/46	.52/46	0.42	51	54	52	54
24	9050	SGD	DP-45	12080	01/2017	0.10	0.46	#2	0.33	0.29	0.32	0.29	.63/56	.30/27	.30/27	.22/20	.22/20	.67/58	.57/50	.57/50	.52/46	.52/46	0.42	51	54	52	54
25	9080	SGD	DP-50	80610	04/2014	0.10	0.44	#2	0.31	0.28	0.31	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	53	55
26	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
27	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
28	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
29	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
30	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