

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Single Window Units

Date: 25-Apr-07

Code	Single Window Unit																
	Dimensions			Rough Opening				DP Rating			Ventilation		Clear Opening				
	Width	Height		Width	Height		Equal	Cottage	Optional	Daylight	Equal	Cottage	Equal	Cottage			
18210	21	5/8	x	37	22	1/8	x	37	1/2	DP-25	-	DP-50	3.5	1.7	-	-	-
1832	21	5/8	x	41	22	1/8	x	41	1/2	DP-25	-	DP-50	4.0	2.0	-	-	-
18310	21	5/8	x	49	22	1/8	x	49	1/2	DP-25	-	DP-50	4.9	2.4	-	-	-
1842	21	5/8	x	53	22	1/8	x	53	1/2	DP-25	-	DP-50	5.4	2.7	-	-	-
1846	21	5/8	x	57	22	1/8	x	57	1/2	DP-25	-	DP-50	5.8	2.9	-	-	-
1848	21	5/8	x	59	22	1/8	x	59	1/2	DP-25	-	DP-50	6.0	3.0	-	-	-
1852	21	5/8	x	65	22	1/8	x	65	1/2	DP-25	-	DP-50	6.7	3.4	-	-	-
1856	21	5/8	x	69	22	1/8	x	69	1/2	DP-25	-	DP-50	7.2	3.6	-	-	-
1856c	21	5/8	x	69	22	1/8	x	69	1/2	-	DP-50	-	7.2	-	2.4	-	-
1862	21	5/8	x	77	22	1/8	x	77	1/2	DP-25	-	DP-50	8.1	4.1	-	-	-
20210	25	5/8	x	37	26	1/8	x	37	1/2	DP-25	-	DP-50	4.3	2.2	-	-	-
2032	25	5/8	x	41	26	1/8	x	41	1/2	DP-25	-	DP-50	4.9	2.4	-	-	-
20310	25	5/8	x	49	26	1/8	x	49	1/2	DP-25	-	DP-50	6.1	3.0	-	-	-
2042	25	5/8	x	53	26	1/8	x	53	1/2	DP-25	-	DP-50	6.6	3.3	-	-	-
2046	25	5/8	x	57	26	1/8	x	57	1/2	DP-25	-	DP-50	7.2	3.6	-	-	-
2048	25	5/8	x	59	26	1/8	x	59	1/2	DP-25	-	DP-50	7.5	3.7	-	-	-
2052	25	5/8	x	65	26	1/8	x	65	1/2	DP-25	-	DP-50	8.4	4.2	-	-	-
2056	25	5/8	x	69	26	1/8	x	69	1/2	DP-25	-	DP-50	8.9	4.5	-	-	-
2056c	25	5/8	x	69	26	1/8	x	69	1/2	-	DP-50	-	8.9	-	3.0	-	-
2062	25	5/8	x	77	26	1/8	x	77	1/2	DP-25	-	DP-50	10.1	5.0	-	-	-
24210	29	5/8	x	37	30	1/8	x	37	1/2	DP-25	-	DP-50	5.2	2.6	-	-	-
2432	29	5/8	x	41	30	1/8	x	41	1/2	DP-25	-	DP-50	5.8	2.9	-	-	-
24310	29	5/8	x	49	30	1/8	x	49	1/2	DP-25	-	DP-50	7.2	3.6	-	-	-
2442	29	5/8	x	53	30	1/8	x	53	1/2	DP-25	-	DP-50	7.9	3.9	-	-	-
2446	29	5/8	x	57	30	1/8	x	57	1/2	DP-25	-	DP-50	8.6	4.3	-	-	-
2448	29	5/8	x	59	30	1/8	x	59	1/2	DP-25	-	DP-50	8.9	4.5	-	-	-
2452	29	5/8	x	65	30	1/8	x	65	1/2	DP-25	-	DP-50	10.0	5.0	-	-	-
2456	29	5/8	x	69	30	1/8	x	69	1/2	DP-25	-	DP-50	10.7	5.3	-	-	-
2456c	29	5/8	x	69	30	1/8	x	69	1/2	-	DP-50	-	10.7	-	3.6	-	-
2462	29	5/8	x	77	30	1/8	x	77	1/2	DP-25	-	DP-50	12.0	6.0	-	Yes	-

Note: Daylight and Ventilation calculations are given in square foot of area

Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Minimum window width for 20" clear opening width – 25"

Minimum window height for 24" clear opening height – 56"

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Single Window Units

Date: 25-Apr-07

Code	Single Window Unit																
	Dimensions		Rough Opening		DP Rating				Ventilation		Clear Opening						
	Width	Height	Width	Height	Equal	Cottage	Optional	Daylight	Equal	Cottage	Equal	Cottage					
Minimum window height for 24" clear opening height cottage style window – 69"																	
28210	33	5/8	x	37	34	1/8	x	37	1/2	DP-25	-	DP-50	6.0	3.0	-	-	-
2832	33	5/8	x	41	34	1/8	x	41	1/2	DP-25	-	DP-50	6.8	3.4	-	-	-
28310	33	5/8	x	49	34	1/8	x	49	1/2	DP-25	-	DP-50	8.4	4.2	-	-	-
2842	33	5/8	x	53	34	1/8	x	53	1/2	DP-25	-	DP-50	9.2	4.6	-	-	-
2846	33	5/8	x	57	34	1/8	x	57	1/2	DP-25	-	DP-50	10.0	5.0	-	-	-
2848	33	5/8	x	59	34	1/8	x	59	1/2	DP-25	-	DP-50	10.4	5.2	-	-	-
2852	33	5/8	x	65	34	1/8	x	65	1/2	DP-25	-	DP-50	11.6	5.8	-	Yes	-
2856	33	5/8	x	69	34	1/8	x	69	1/2	DP-25	-	DP-50	12.4	6.2	-	Yes	-
2856c	33	5/8	x	69	34	1/8	x	69	1/2	-	DP-50	-	12.4	-	4.2	-	-
2862	33	5/8	x	77	34	1/8	x	77	1/2	DP-25	-	DP-50	14.0	7.0	-	Yes	-
30210	37	5/8	x	37	38	1/8	x	37	1/2	DP-25	-	DP-50	6.8	3.4	-	-	-
3032	37	5/8	x	41	38	1/8	x	41	1/2	DP-25	-	DP-50	7.7	3.9	-	-	-
30310	37	5/8	x	49	38	1/8	x	49	1/2	DP-25	-	DP-50	9.6	4.8	-	-	-
3042	37	5/8	x	53	38	1/8	x	53	1/2	DP-25	-	DP-50	10.5	5.2	-	-	-
3046	37	5/8	x	57	38	1/8	x	57	1/2	DP-25	-	DP-50	11.4	5.7	-	Yes	-
3048	37	5/8	x	59	38	1/8	x	59	1/2	DP-25	-	DP-50	11.8	5.9	-	Yes	-
3052	37	5/8	x	65	38	1/8	x	65	1/2	DP-25	-	DP-50	13.2	6.6	-	Yes	-
3056	37	5/8	x	69	38	1/8	x	69	1/2	DP-25	-	-	14.1	7.0	-	Yes	-
3056c	37	5/8	x	69	38	1/8	x	69	1/2	-	DP-50	-	14.1	-	4.8	-	-
3062	37	5/8	x	77	38	1/8	x	77	1/2	DP-25	-	-	15.9	7.9	-	Yes	-
34210	41	5/8	x	37	42	1/8	x	37	1/2	DP-25	-	-	7.7	3.8	-	-	-
3432	41	5/8	x	41	42	1/8	x	41	1/2	DP-25	-	-	8.7	4.3	-	-	-
34310	41	5/8	x	49	42	1/8	x	49	1/2	DP-25	-	-	10.7	5.3	-	-	-
3442	41	5/8	x	53	42	1/8	x	53	1/2	DP-25	-	-	11.7	5.9	-	-	-
3446	41	5/8	x	57	42	1/8	x	57	1/2	DP-25	-	-	12.8	6.4	-	Yes	-
3448	41	5/8	x	59	42	1/8	x	59	1/2	DP-25	-	-	13.3	6.6	-	Yes	-
3452	41	5/8	x	65	42	1/8	x	65	1/2	DP-25	-	-	14.8	7.4	-	Yes	-
3456	41	5/8	x	69	42	1/8	x	69	1/2	DP-25	-	-	15.8	7.9	-	Yes	-
3456c	41	5/8	x	69	42	1/8	x	69	1/2	-	NT	-	15.8	-	5.3	-	-
3462	41	5/8	x	77	42	1/8	x	77	1/2	DP-25	-	-	17.9	8.9	-	Yes	-

Note: Daylight and Ventilation calculations are given in square foot of area

Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Minimum window width for 20" clear opening width – 25"

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Single Window Units

Date: 25-Apr-07

Code	Single Window Unit											
	Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening	
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage
Minimum window height for 24" clear opening height – 56"												
Minimum window height for 24" clear opening height cottage style window – 69"												
38210	45 5/8	x 37	46 1/8	x 37 1/2	DP-25	-	-	8.5	4.2	-	-	-
3832	45 5/8	x 41	46 1/8	x 41 1/2	DP-25	-	-	9.6	4.8	-	-	-
38310	45 5/8	x 49	46 1/8	x 49 1/2	DP-25	-	-	11.9	5.9	-	-	-
3842	45 5/8	x 53	46 1/8	x 53 1/2	DP-25	-	-	13.0	6.5	-	-	-
3846	45 5/8	x 57	46 1/8	x 57 1/2	DP-25	-	-	14.1	7.1	-	Yes	-
3848	45 5/8	x 59	46 1/8	x 59 1/2	DP-25	-	-	14.7	7.3	-	Yes	-
3852	45 5/8	x 65	46 1/8	x 65 1/2	DP-25	-	-	16.4	8.2	-	Yes	-
3856	45 5/8	x 69	46 1/8	x 69 1/2	DP-25	-	-	17.5	8.8	-	Yes	-
3856c	45 5/8	x 69	46 1/8	x 69 1/2	-	NT	-	17.5	-	5.9	-	Yes
3862	45 5/8	x 77	46 1/8	x 77 1/2	DP-25	-	-	19.8	9.9	-	Yes	-

Note: Daylight and Ventilation calculations are given in square foot of area
 Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Single Window Units

Date: 25-Apr-07

Code	Single Window Unit											
	Dimensions		Rough Opening		DP Rating			Ventilation		Clear Opening		
	Width	Height	Width	Height	Equal	Cottage	Optional	Daylight	Equal	Cottage	Equal	Cottage

Minimum window width for 20" clear opening width – 25"

Minimum window height for 24" clear opening height – 56"

Minimum window height for 24" clear opening height cottage style window – 69"

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Twin Window Units

Date: 25-Apr-07

Code	Twin Window Unit																
	Dimensions				Rough Opening				DP Rating			Ventilation		Clear Opening			
	Width	Height	Width	Height	Equal	Cottage	Optional	Daylight	Equal	Cottage	Equal	Cottage					
18210	43	3/4	x	37	44	1/4	x	37	1/2	DP-50	-	-	7.0	3.5	-	-	-
1832	43	3/4	x	41	44	1/4	x	41	1/2	DP-50	-	-	7.9	3.9	-	-	-
18310	43	3/4	x	49	44	1/4	x	49	1/2	DP-50	-	-	9.8	4.9	-	-	-
1842	43	3/4	x	53	44	1/4	x	53	1/2	DP-50	-	-	10.7	5.3	-	-	-
1846	43	3/4	x	57	44	1/4	x	57	1/2	DP-50	-	-	11.6	5.8	-	-	-
1848	43	3/4	x	59	44	1/4	x	59	1/2	DP-50	-	-	12.1	6.0	-	-	-
1852	43	3/4	x	65	44	1/4	x	65	1/2	DP-50	-	-	13.5	6.7	-	-	-
1856	43	3/4	x	69	44	1/4	x	69	1/2	NT	-	-	14.4	7.2	-	-	-
1856c	43	3/4	x	69	44	1/4	x	69	1/2	-	NT	-	14.4	-	4.9	-	-
1862	43	3/4	x	77	44	1/4	x	77	1/2	NT	-	-	16.3	8.1	-	-	-
20210	51	3/4	x	37	52	1/4	x	37	1/2	DP-50	-	-	8.6	4.3	-	-	-
2032	51	3/4	x	41	52	1/4	x	41	1/2	DP-50	-	-	9.8	4.9	-	-	-
20310	51	3/4	x	49	52	1/4	x	49	1/2	DP-50	-	-	12.1	6.0	-	-	-
2042	51	3/4	x	53	52	1/4	x	53	1/2	DP-50	-	-	13.3	6.6	-	-	-
2046	51	3/4	x	57	52	1/4	x	57	1/2	DP-50	-	-	14.4	7.2	-	-	-
2048	51	3/4	x	59	52	1/4	x	59	1/2	DP-50	-	-	15.0	7.5	-	-	-
2052	51	3/4	x	65	52	1/4	x	65	1/2	DP-50	-	-	16.7	8.3	-	-	-
2056	51	3/4	x	69	52	1/4	x	69	1/2	NT	-	-	17.9	8.9	-	-	-
2056c	51	3/4	x	69	52	1/4	x	69	1/2	-	NT	-	17.9	-	6.0	-	-
2062	51	3/4	x	77	52	1/4	x	77	1/2	NT	-	-	20.2	10.1	-	-	-
24210	59	3/4	x	37	60	1/4	x	37	1/2	DP-50	-	-	10.3	5.1	-	-	-
2432	59	3/4	x	41	60	1/4	x	41	1/2	DP-50	-	-	11.7	5.8	-	-	-
24310	59	3/4	x	49	60	1/4	x	49	1/2	DP-50	-	-	14.4	7.2	-	-	-
2442	59	3/4	x	53	60	1/4	x	53	1/2	DP-50	-	-	15.8	7.9	-	-	-
2446	59	3/4	x	57	60	1/4	x	57	1/2	DP-50	-	-	17.2	8.6	-	-	-
2448	59	3/4	x	59	60	1/4	x	59	1/2	DP-50	-	-	17.9	8.9	-	-	-
2452	59	3/4	x	65	60	1/4	x	65	1/2	DP-50	-	-	19.9	9.9	-	-	-
2456	59	3/4	x	69	60	1/4	x	69	1/2	NT	-	-	21.3	10.6	-	-	-
2456c	59	3/4	x	69	60	1/4	x	69	1/2	-	NT	-	21.3	-	7.2	-	-
2462	59	3/4	x	77	60	1/4	x	77	1/2	NT	-	-	24.1	12.0	-	Yes	-

Note: Daylight and Ventilation calculations are given in square foot of area

Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Minimum twin window width for 20" clear opening width – 50 1/2"

Minimum window height for 24" clear opening height – 56"

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Twin Window Units

Date: 25-Apr-07

Code	Twin Window Unit											
	Dimensions		Rough Opening		DP Rating				Ventilation		Clear Opening	
	Width	Height	Width	Height	Equal	Cottage	Optional	Daylight	Equal	Cottage	Equal	Cottage
Minimum window height for 24" clear opening height cottage style window – 69"												
28210	67 3/4	x 37	68 1/4	x 37 1/2	DP-50	-	-	12.0	6.0	-	-	-
2832	67 3/4	x 41	68 1/4	x 41 1/2	DP-50	-	-	13.6	6.8	-	-	-
28310	67 3/4	x 49	68 1/4	x 49 1/2	DP-50	-	-	16.8	8.4	-	-	-
2842	67 3/4	x 53	68 1/4	x 53 1/2	DP-50	-	-	18.4	9.2	-	-	-
2846	67 3/4	x 57	68 1/4	x 57 1/2	DP-50	-	-	20.0	10.0	-	-	-
2848	67 3/4	x 59	68 1/4	x 59 1/2	DP-50	-	-	20.8	10.4	-	-	-
2852	67 3/4	x 65	68 1/4	x 65 1/2	DP-50	-	-	23.2	11.6	-	Yes	-
2856	67 3/4	x 69	68 1/4	x 69 1/2	NT	-	-	24.8	12.4	-	Yes	-
2856c	67 3/4	x 69	68 1/4	x 69 1/2	-	NT	-	24.8	-	8.4	-	-
2862	67 3/4	x 77	68 1/4	x 77 1/2	NT	-	-	28.0	14.0	-	Yes	-
30210	75 3/4	x 37	76 1/4	x 37 1/2	DP-50	-	-	13.6	6.8	-	-	-
3032	75 3/4	x 41	76 1/4	x 41 1/2	DP-50	-	-	15.5	7.7	-	-	-
30310	75 3/4	x 49	76 1/4	x 49 1/2	DP-50	-	-	19.1	9.5	-	-	-
3042	75 3/4	x 53	76 1/4	x 53 1/2	DP-50	-	-	20.9	10.4	-	-	-
3046	75 3/4	x 57	76 1/4	x 57 1/2	DP-50	-	-	22.7	11.3	-	Yes	-
3048	75 3/4	x 59	76 1/4	x 59 1/2	DP-50	-	-	23.7	11.8	-	Yes	-
3052	75 3/4	x 65	76 1/4	x 65 1/2	NT	-	-	26.4	13.2	-	Yes	-
3056	75 3/4	x 69	76 1/4	x 69 1/2	NT	-	-	28.2	14.1	-	Yes	-
3056c	75 3/4	x 69	76 1/4	x 69 1/2	-	NT	-	28.2	-	9.5	-	-
3062	75 3/4	x 77	76 1/4	x 77 1/2	NT	-	-	31.8	15.9	-	Yes	-
34210	83 3/4	x 37	84 1/4	x 37 1/2	NT	-	-	15.3	7.6	-	-	-
3432	83 3/4	x 41	84 1/4	x 41 1/2	NT	-	-	17.4	8.6	-	-	-
34310	83 3/4	x 49	84 1/4	x 49 1/2	NT	-	-	21.4	10.7	-	-	-
3442	83 3/4	x 53	84 1/4	x 53 1/2	NT	-	-	23.5	11.7	-	-	-
3446	83 3/4	x 57	84 1/4	x 57 1/2	NT	-	-	25.5	12.7	-	Yes	-
3448	83 3/4	x 59	84 1/4	x 59 1/2	NT	-	-	26.5	13.2	-	Yes	-
3452	83 3/4	x 65	84 1/4	x 65 1/2	NT	-	-	29.6	14.8	-	Yes	-
3456	83 3/4	x 69	84 1/4	x 69 1/2	NT	-	-	31.6	15.8	-	Yes	-
3456c	83 3/4	x 69	84 1/4	x 69 1/2	-	NT	-	31.6	-	10.7	-	-
3462	83 3/4	x 77	84 1/4	x 77 1/2	NT	-	-	35.7	17.8	-	Yes	-

Note: Daylight and Ventilation calculations are given in square foot of area

Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Minimum twin window width for 20" clear opening width – 50 1/2"

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Product Specifications - Twin Window Units

Date: 25-Apr-07

Code	Twin Window Unit																
	Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening						
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage					
	Minimum window height for 24" clear opening height – 56"																
	Minimum window height for 24" clear opening height cottage style window – 69"																
38210	91	3/4	x	37	92	1/4	x	37	1/2	NT	-	-	17.0	8.5	-	-	-
3832	91	3/4	x	41	92	1/4	x	41	1/2	NT	-	-	19.2	9.6	-	-	-
38310	91	3/4	x	49	92	1/4	x	49	1/2	NT	-	-	23.8	11.9	-	-	-
3842	91	3/4	x	53	92	1/4	x	53	1/2	NT	-	-	26.0	13.0	-	-	-
3846	91	3/4	x	57	92	1/4	x	57	1/2	NT	-	-	28.3	14.1	-	Yes	-
3848	91	3/4	x	59	92	1/4	x	59	1/2	NT	-	-	29.4	14.7	-	Yes	-
3852	91	3/4	x	65	92	1/4	x	65	1/2	NT	-	-	32.8	16.4	-	Yes	-
3856	91	3/4	x	69	92	1/4	x	69	1/2	NT	-	-	35.1	17.5	-	Yes	-
3856c	91	3/4	x	69	92	1/4	x	69	1/2	-	NT	-	35.1	-	11.9	-	Yes
3862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Daylight and Ventilation calculations are given in square foot of area
 Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

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Product Specifications - Twin Window Units

Date: 25-Apr-07

Code	Twin Window Unit										
	Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal

Minimum twin window width for 20" clear opening width – 50 1/2"
 Minimum window height for 24" clear opening height – 56"
 Minimum window height for 24" clear opening height cottage style window – 69"

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Triple Window Units

Date: 25-Apr-07

Code	Triple Window Unit															
	Dimensions			Rough Opening			DP Rating			Ventilation		Clear Opening				
	Width	Height		Width	Height		Equal	Cottage	Daylight	Equal	Cottage	Equal	Cottage			
18210	65	7/8	x	37	66	3/8	x	37	1/2	NT	-	10.5	5.2	-	-	-
1832	65	7/8	x	41	66	3/8	x	41	1/2	NT	-	11.9	5.9	-	-	-
18310	65	7/8	x	49	66	3/8	x	49	1/2	NT	-	14.7	7.3	-	-	-
1842	65	7/8	x	53	66	3/8	x	53	1/2	NT	-	16.1	8.0	-	-	-
1846	65	7/8	x	57	66	3/8	x	57	1/2	NT	-	17.4	8.7	-	-	-
1848	65	7/8	x	59	66	3/8	x	59	1/2	NT	-	18.1	9.1	-	-	-
1852	65	7/8	x	65	66	3/8	x	65	1/2	NT	-	20.2	10.1	-	-	-
1856	65	7/8	x	69	66	3/8	x	69	1/2	NT	-	21.6	10.8	-	-	-
1856c	65	7/8	x	69	66	3/8	x	69	1/2	-	NT	21.6	-	7.3	-	-
1862	65	7/8	x	77	66	3/8	x	77	1/2	NT	-	24.4	12.2	-	-	-
20210	77	7/8	x	37	78	3/8	x	37	1/2	NT	-	13.0	6.5	-	-	-
2032	77	7/8	x	41	78	3/8	x	41	1/2	NT	-	14.7	7.3	-	-	-
20310	77	7/8	x	49	78	3/8	x	49	1/2	NT	-	18.2	9.1	-	-	-
2042	77	7/8	x	53	78	3/8	x	53	1/2	NT	-	19.9	9.9	-	-	-
2046	77	7/8	x	57	78	3/8	x	57	1/2	NT	-	21.6	10.8	-	-	-
2048	77	7/8	x	59	78	3/8	x	59	1/2	NT	-	22.5	11.2	-	-	-
2052	77	7/8	x	65	78	3/8	x	65	1/2	NT	-	25.1	12.5	-	-	-
2056	77	7/8	x	69	78	3/8	x	69	1/2	NT	-	26.8	13.4	-	-	-
2056c	77	7/8	x	69	78	3/8	x	69	1/2	-	NT	26.8	-	9.1	-	-
2062	77	7/8	x	77	78	3/8	x	77	1/2	NT	-	30.3	15.1	-	-	-
24210	89	7/8	x	37	90	3/8	x	37	1/2	NT	-	15.5	7.7	-	-	-
2432	89	7/8	x	41	90	3/8	x	41	1/2	NT	-	17.5	8.7	-	-	-
24310	89	7/8	x	49	90	3/8	x	49	1/2	NT	-	21.7	10.8	-	-	-
2442	89	7/8	x	53	90	3/8	x	53	1/2	NT	-	23.7	11.8	-	-	-
2446	89	7/8	x	57	90	3/8	x	57	1/2	NT	-	25.8	12.9	-	-	-
2448	89	7/8	x	59	90	3/8	x	59	1/2	NT	-	26.8	13.4	-	-	-
2452	89	7/8	x	65	90	3/8	x	65	1/2	NT	-	29.9	14.9	-	-	-
2456	89	7/8	x	69	90	3/8	x	69	1/2	NT	-	32.0	16.0	-	-	-
2456c	89	7/8	x	69	90	3/8	x	69	1/2	-	NT	32.0	-	10.8	-	-
2462	89	7/8	x	77	90	3/8	x	77	1/2	NT	-	36.1	18.0	-	Yes	-

Note: Daylight and Ventilation calculations are given in square foot of area
 Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Minimum triple window width for 20" clear opening width – 76"
 Minimum window height for 24" clear opening height – 56"

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Triple Window Units

Date: 25-Apr-07

Code	Triple Window Unit															
	Dimensions			Rough Opening			DP Rating			Ventilation		Clear Opening				
	Width	Height		Width	Height		Equal	Cottage	Daylight	Equal	Cottage	Equal	Cottage			
Minimum window height for 24" clear opening height cottage style window – 69"																
28210	101	7/8	x	37	102	3/8	x	37	1/2	NT	-	18.0	8.9	-	-	-
2832	101	7/8	x	41	102	3/8	x	41	1/2	NT	-	20.4	10.1	-	-	-
28310	101	7/8	x	49	102	3/8	x	49	1/2	NT	-	25.2	12.5	-	-	-
2842	101	7/8	x	53	102	3/8	x	53	1/2	NT	-	27.6	13.7	-	-	-
2846	101	7/8	x	57	102	3/8	x	57	1/2	NT	-	29.9	14.9	-	-	-
2848	101	7/8	x	59	102	3/8	x	59	1/2	NT	-	31.1	15.5	-	-	-
2852	101	7/8	x	65	102	3/8	x	65	1/2	NT	-	34.7	17.3	-	Yes	-
2856	101	7/8	x	69	102	3/8	x	69	1/2	NT	-	37.1	18.5	-	Yes	-
2856c	101	7/8	x	69	102	3/8	x	69	1/2	-	NT	37.1	-	12.5	-	-
2862	101	7/8	x	77	102	3/8	x	77	1/2	NT	-	41.9	20.9	-	Yes	-
30210	113	7/8	x	37	114	3/8	x	37	1/2	NT	-	20.5	10.2	-	-	-
3032	113	7/8	x	41	114	3/8	x	41	1/2	NT	-	23.2	11.6	-	-	-
30310	113	7/8	x	49	114	3/8	x	49	1/2	NT	-	28.7	14.3	-	-	-
3042	113	7/8	x	53	114	3/8	x	53	1/2	NT	-	31.4	15.7	-	-	-
3046	113	7/8	x	57	114	3/8	x	57	1/2	NT	-	34.1	17.0	-	Yes	-
3048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3056c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34210	125	7/8	x	37	126	3/8	x	37	1/2	NT	-	23.0	11.4	-	-	-
3432	125	7/8	x	41	126	3/8	x	41	1/2	NT	-	26.0	13.0	-	-	-
34310	125	7/8	x	49	126	3/8	x	49	1/2	NT	-	32.2	16.0	-	-	-
3442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3448	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3452	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3456	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3456c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3462	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Daylight and Ventilation calculations are given in square foot of area
 Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Minimum triple window width for 20" clear opening width – 76"

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Triple Window Units

Date: 25-Apr-07

Code	Triple Window Unit												
	Dimensions			Rough Opening				DP Rating		Ventilation		Clear Opening	
	Width	Height		Width	Height		Equal	Cottage	Daylight	Equal	Cottage	Equal	Cottage
	Minimum window height for 24" clear opening height – 56"												
	Minimum window height for 24" clear opening height cottage style window – 69"												
38210	137 7/8	x 37		138 3/8	x 37 1/2		NT	-	25.5	12.7	-	-	-
3832	137 7/8	x 41		138 3/8	x 41 1/2		NT	-	28.9	14.4	-	-	-
38310	-	-		-	-		-	-	-	-	-	-	-
3842	-	-		-	-		-	-	-	-	-	-	-
3846	-	-		-	-		-	-	-	-	-	-	-
3848	-	-		-	-		-	-	-	-	-	-	-
3852	-	-		-	-		-	-	-	-	-	-	-
3856	-	-		-	-		-	-	-	-	-	-	-
3856c	-	-		-	-		-	-	-	-	-	-	-
3862	-	-		-	-		-	-	-	-	-	-	-

Note: Daylight and Ventilation calculations are given in square foot of area
 Yes - Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 sq ft area

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Triple Window Units

Date: 25-Apr-07

Code	Triple Window Unit									
	Dimensions		Rough Opening		DP Rating		Daylight	Ventilation		Clear Opening
	Width	Height	Width	Height	Equal	Cottage		Equal	Cottage	Equal

Minimum triple window width for 20" clear opening width – 76"
 Minimum window height for 24" clear opening height – 56"
 Minimum window height for 24" clear opening height cottage style window – 69"

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Ventilation, Daylight and Design Pressure

Single Window Units

Date: 25-Apr-07

Window				18	20	24	28	30	34	38
Call Out	Unit Dimension			21 5/8	25 5/8	29 5/8	33 5/8	37 5/8	41 5/8	45 5/8
	Rough Opening			22 1/8	26 1/8	30 1/8	34 1/8	38 1/8	42 1/8	46 1/8
210	37	37 1/2	Ventilation	1.7	2.2	2.6	3.0	3.4	3.8	4.2
			Daylight	3.5	4.3	5.2	6.0	6.8	7.7	8.5
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
32	41	41 1/2	Ventilation	2.0	2.4	2.9	3.4	3.9	4.3	4.8
			Daylight	3.9	4.9	5.8	6.7	7.7	8.6	9.5
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
310	49	49 1/2	Ventilation	2.4	3.0	3.6	4.2	4.8	5.3	5.9
			Daylight	4.9	6.1	7.2	8.4	9.6	10.7	11.9
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
42	53	53 1/2	Ventilation	2.7	3.3	3.9	4.6	5.2	5.9	6.5
			Daylight	5.4	6.6	7.9	9.2	10.5	11.7	13.0
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
46	57	57 1/2	Ventilation	2.9	3.6	4.3	5.0	5.7	6.4	7.1
			Daylight	5.8	7.2	8.6	10.0	11.4	12.8	14.1
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
48	59	59 1/2	Ventilation	3.0	3.7	4.5	5.2	5.9	6.6	7.3
			Daylight	6.0	7.5	8.9	10.4	11.8	13.3	14.7
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
52	65	65 1/2	Ventilation	3.4	4.2	5.0	5.8	6.6	7.4	8.2
			Daylight	6.7	8.4	10.0	11.6	13.2	14.8	16.4
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25
56	69	69 1/2	Ventilation	3.6	4.5	5.3	6.2	7.0	7.9	8.8
			Daylight	7.2	8.9	10.7	12.4	14.1	15.8	17.5
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25	DP-25
56 Cottage	69	69 1/2	Ventilation	2.4	3.0	3.6	4.2	4.8	5.3	5.9
			Daylight	7.2	8.9	10.7	12.4	14.1	15.8	17.5
			Design Pressure	DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT
62	77	77 1/2	Ventilation	4.1	5.0	6.0	7.0	7.9	8.9	9.9
			Daylight	8.1	10.1	12.0	14.0	15.9	17.9	19.8
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25	DP-25	DP-25

Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 Sq ft Area

Test Window Dimensions:

48" x 77"	DP-25	44" x 60"	DP-40	38" x 65"	DP-45
38" x 59"	DP-50			34" x 65"	DP-50
38" x 71" Cottage	DP-50			44" x 77" Cottage	DP-35

Note: Daylight and Ventilation calculations are given in square foot of area

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Ventilation, Daylight and Design Pressure

Twin Window Units

Date: 25-Apr-07

Window				18	20	24	28	30	34	38
Height	Call Out			43 3/4	51 3/4	59 3/4	67 3/4	75 3/4	83 3/4	91 3/4
	Unit Dimension			44 1/4	52 1/4	60 1/4	68 1/4	76 1/4	84 1/4	92 1/4
	Rough Opening									
210	37	37 1/2	Ventilation	3.5	4.3	5.1	6.0	6.8	7.6	8.5
			Daylight	7.0	8.6	10.3	12.0	13.6	15.3	17.0
32	41	41 1/2	Ventilation	3.9	4.9	5.8	6.8	7.7	8.6	9.6
			Daylight	7.9	9.8	11.7	13.6	15.5	17.4	19.2
310	49	49 1/2	Ventilation	4.9	6.0	7.2	8.4	9.5	10.7	11.9
			Daylight	9.8	12.1	14.4	16.8	19.1	21.4	23.8
42	53	53 1/2	Ventilation	5.3	6.6	7.9	9.2	10.4	11.7	13.0
			Daylight	10.7	13.3	15.8	18.4	20.9	23.5	26.0
46	57	57 1/2	Ventilation	5.8	7.2	8.6	10.0	11.3	12.7	14.1
			Daylight	11.6	14.4	17.2	20.0	22.7	25.5	28.3
48	59	59 1/2	Ventilation	6.0	7.5	8.9	10.4	11.8	13.2	14.7
			Daylight	12.1	15.0	17.9	20.8	23.7	26.5	29.4
52	65	65 1/2	Ventilation	6.7	8.3	9.9	11.6	13.2	14.8	16.4
			Daylight	13.5	16.7	19.9	23.2	26.4	29.6	32.8
56	69	69 1/2	Ventilation	7.2	8.9	10.6	12.4	14.1	15.8	17.5
			Daylight	14.4	17.9	21.3	24.8	28.2	31.6	35.1
56 Cottage	69	69 1/2	Ventilation	4.9	6.0	7.2	8.4	9.5	10.7	11.9
			Daylight	14.4	17.9	21.3	24.8	28.2	31.6	35.1
62	77	77 1/2	Ventilation	8.1	10.1	12.0	14.0	15.9	17.8	-
			Daylight	16.3	20.2	24.1	28.0	31.8	35.7	-

Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 Sq ft Area

Test Window Dimensions:
 75 3/4" x 59 3/4" DP-50 68 1/4" x 65 3/4" DP-50

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Note: Daylight and Ventilation calculations are given in square foot of area

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Product Specifications - Ventilation, Daylight and Design Pressure

Triple Window Units

Window				18	20	24	28	30	34	38	
Height	Call Out			18	20	24	28	30	34	38	
	Unit Dimension	Rough Opening		65 7/8	77 7/8	89 7/8	101 7/8	113 7/8	125 7/8	137 7/8	
		Unit Dimension	Rough Opening	66 3/8	78 3/8	90 3/8	102 3/8	114 3/8	126 3/8	138 3/8	
210	37	37 1/2	Ventilation	5.2	6.5	7.7	8.9	10.2	11.4	12.7	
			Daylight	10.5	13.0	15.5	18.0	20.5	23.0	25.5	
				Design Pressure	NT	NT	NT	NT	NT	NT	
	32	41	41 1/2	Ventilation	5.9	7.3	8.7	10.1	11.6	13.0	14.4
				Daylight	11.9	14.7	17.5	20.4	23.2	26.0	28.9
				Design Pressure	NT	NT	NT	NT	NT	NT	
	310	49	49 1/2	Ventilation	7.3	9.1	10.8	12.5	14.3	16.0	-
				Daylight	14.7	18.2	21.7	25.2	28.7	32.2	-
				Design Pressure	NT	NT	NT	NT	NT	-	
	42	53	53 1/2	Ventilation	8.0	9.9	11.8	13.7	15.7	-	-
				Daylight	16.1	19.9	23.7	27.6	31.4	-	-
				Design Pressure	NT	NT	NT	NT	-	-	
46	57	57 1/2	Ventilation	8.7	10.8	12.9	14.9	17.0	-	-	
			Daylight	17.4	21.6	25.8	29.9	34.1	-	-	
			Design Pressure	NT	NT	NT	NT	-	-		
48	59	59 1/2	Ventilation	9.1	11.2	13.4	15.5	-	-	-	
			Daylight	18.1	22.5	26.8	31.1	-	-	-	
			Design Pressure	NT	NT	NT	NT	-	-		
52	65	65 1/2	Ventilation	10.1	12.5	14.9	17.3	-	-	-	
			Daylight	20.2	25.1	29.9	34.7	-	-	-	
			Design Pressure	NT	NT	NT	NT	-	-		
56	69	69 1/2	Ventilation	10.8	13.4	16.0	18.5	-	-	-	
			Daylight	21.6	26.8	32.0	37.1	-	-	-	
			Design Pressure	NT	NT	NT	NT	-	-		
56 Cottage	69	69 1/2	Ventilation	7.3	9.1	10.8	12.5	-	-	-	
			Daylight	21.6	26.8	32.0	37.1	-	-	-	
			Design Pressure	NT	NT	NT	NT	-	-		
62	77	77 1/2	Ventilation	12.2	15.1	18.0	20.9	-	-	-	
			Daylight	24.4	30.3	36.1	41.9	-	-	-	
			Design Pressure	NT	NT	NT	NT	-	-		

Meets Clear Opening Requirements: 20" width, 24" height, & 5.7 Sq ft Area

Test Window Dimensions:

Note: Daylight and Ventilation calculations are given in square foot of area

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Screen Dimensions

Code	Unit Dimensions		Screen Dimensions		Code	Unit Dimensions		Screen Dimensions	
	Width	Height	Width	Height		Width	Height	Width	Height
18210	21 5/8	x 37	17 3/16	x 17 3/16	30210	37 5/8	x 37	33 3/16	x 17 3/16
1832	21 5/8	x 41	17 3/16	x 19 3/16	3032	37 5/8	x 41	33 3/16	x 19 3/16
18310	21 5/8	x 49	17 3/16	x 23 3/16	30310	37 5/8	x 49	33 3/16	x 23 3/16
1842	21 5/8	x 53	17 3/16	x 25 3/16	3042	37 5/8	x 53	33 3/16	x 25 3/16
1846	21 5/8	x 57	17 3/16	x 27 3/16	3046	37 5/8	x 57	33 3/16	x 27 3/16
1848	21 5/8	x 59	17 3/16	x 28 3/16	3048	37 5/8	x 59	33 3/16	x 28 3/16
1852	21 5/8	x 65	17 3/16	x 31 3/16	3052	37 5/8	x 65	33 3/16	x 31 3/16
1856	21 5/8	x 69	17 3/16	x 33 3/16	3056	37 5/8	x 69	33 3/16	x 33 3/16
1856c	21 5/8	x 69	17 3/16	x	3056c	37 5/8	x 69	33 3/16	x
1862	21 5/8	x 77	17 3/16	x 37 3/16	3062	37 5/8	x 77	33 3/16	x 37 3/16
20210	25 5/8	x 37	21 3/16	x 17 3/16	34210	41 5/8	x 37	37 3/16	x 17 3/16
2032	25 5/8	x 41	21 3/16	x 19 3/16	3432	41 5/8	x 41	37 3/16	x 19 3/16
20310	25 5/8	x 49	21 3/16	x 23 3/16	34310	41 5/8	x 49	37 3/16	x 23 3/16
2042	25 5/8	x 53	21 3/16	x 25 3/16	3442	41 5/8	x 53	37 3/16	x 25 3/16
2046	25 5/8	x 57	21 3/16	x 27 3/16	3446	41 5/8	x 57	37 3/16	x 27 3/16
2048	25 5/8	x 59	21 3/16	x 28 3/16	3448	41 5/8	x 59	37 3/16	x 28 3/16
2052	25 5/8	x 65	21 3/16	x 31 3/16	3452	41 5/8	x 65	37 3/16	x 31 3/16
2056	25 5/8	x 69	21 3/16	x 33 3/16	3456	41 5/8	x 69	37 3/16	x 33 3/16
2056c	25 5/8	x 69	21 3/16	x	3456c	41 5/8	x 69	37 3/16	x
2062	25 5/8	x 77	21 3/16	x 37 3/16	3462	41 5/8	x 77	37 3/16	x 37 3/16
24210	29 5/8	x 37	25 3/16	x 17 3/16	38210	45 5/8	x 37	41 3/16	x 17 3/16
2432	29 5/8	x 41	25 3/16	x 19 3/16	3832	45 5/8	x 41	41 3/16	x 19 3/16
24310	29 5/8	x 49	25 3/16	x 23 3/16	38310	45 5/8	x 49	41 3/16	x 23 3/16
2442	29 5/8	x 53	25 3/16	x 25 3/16	3842	45 5/8	x 53	41 3/16	x 25 3/16
2446	29 5/8	x 57	25 3/16	x 27 3/16	3846	45 5/8	x 57	41 3/16	x 27 3/16
2448	29 5/8	x 59	25 3/16	x 28 3/16	3848	45 5/8	x 59	41 3/16	x 28 3/16
2452	29 5/8	x 65	25 3/16	x 31 3/16	3852	45 5/8	x 65	41 3/16	x 31 3/16
2456	29 5/8	x 69	25 3/16	x 33 3/16	3856	45 5/8	x 69	41 3/16	x 33 3/16
2456c	29 5/8	x 69	25 3/16	x	3856c	45 5/8	x 69	41 3/16	x
2462	29 5/8	x 77	25 3/16	x 37 3/16	3862	45 5/8	x 77	41 3/16	x 37 3/16
28210	33 5/8	x 37	29 3/16	x 17 3/16					
2832	33 5/8	x 41	29 3/16	x 19 3/16					
28310	33 5/8	x 49	29 3/16	x 23 3/16					
2842	33 5/8	x 53	29 3/16	x 25 3/16					
2846	33 5/8	x 57	29 3/16	x 27 3/16					
2848	33 5/8	x 59	29 3/16	x 28 3/16					
2852	33 5/8	x 65	29 3/16	x 31 3/16					
2856	33 5/8	x 69	29 3/16	x 33 3/16					
2856c	33 5/8	x 69	29 3/16	x					
2862	33 5/8	x 77	29 3/16	x 37 3/16					

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Screen Dimensions

Code	Unit Dimensions		Screen Dimensions	
	Width	Height	Width	Height

Code	Unit Dimensions		Screen Dimensions	
	Width	Height	Width	Height

Seven D Industries, L.P.

Series 9000 Single Hung Window

Series 9100 Single Hung Window w/ J-Channel

Thermal Performance Specifications

SSB Glazing

Glass Type	U-Value	SHGC	VT	w/ Grid	
				SHGC	VT
3/4" IG -Clear/Air/Clear	.49	.62	.65	.56	.58
3/4" IG – Clear/90% Argon/Low-E	.32	.39	.54	.35	.49

DSB Glazing

Glass Type	U-Value	SHGC	VT	w/ Grid	
				SHGC	VT
3/4" IG -Clear/Air/Clear	.49	.61	.64	.55	.57
3/4" IG – Clear/90% Argon/Low-E	.32	.38	.54	.34	.48

Notes: Actual window dimensions have not effect on the Thermal Performance Rating, as the test criteria is based on a per square foot unit.

Seven D Industries, Series 9000 Single Hung windows utilizing Low-E Glass with Argon Fill, meet all requirements for Energy Star compliance.

1/19/2007

Seven D Industries, L.P.
Series 9000 Single Hung Window
Series 9100 Single Hung Window w/ J-Channel

Ventilation and Daylight Calculation

Single Window Units

Window Width:	15	
Window Height:	52	
Ventilation Area:	1.571	sq ft
Daylight Area:	3.164	sq ft