

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

Product Specifications - Single Window Units

Code	Single Window Unit																	
	Unit Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening							
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage						
18210	21	5/8	x	37	22	1/8	x	37	1/2	DP-25	-	DP-50	3.4	1.8	-	-	-	-
1832	21	5/8	x	41	22	1/8	x	41	1/2	DP-25	-	DP-50	3.8	2.1	-	-	-	-
18310	21	5/8	x	49	22	1/8	x	49	1/2	DP-25	-	DP-50	4.7	2.5	-	-	-	-
1842	21	5/8	x	53	22	1/8	x	53	1/2	DP-25	-	DP-50	5.2	2.8	-	-	-	-
1846	21	5/8	x	57	22	1/8	x	57	1/2	DP-25	-	DP-50	5.6	3.0	-	-	-	-
1848	21	5/8	x	59	22	1/8	x	59	1/2	DP-25	-	DP-50	5.8	3.1	-	-	-	-
1852	21	5/8	x	65	22	1/8	x	65	1/2	DP-25	-	DP-50	6.5	3.5	-	-	-	-
1856	21	5/8	x	69	22	1/8	x	69	1/2	DP-25	-	DP-50	6.9	3.8	-	-	-	-
1856c	21	5/8	x	69	22	1/8	x	69	1/2	-	DP-40	-	6.9	-	2.5	-	-	-
1862	21	5/8	x	77	22	1/8	x	77	1/2	DP-25	-	DP-50	7.8	4.2	-	-	-	-
20210	25	5/8	x	37	26	1/8	x	37	1/2	DP-25	-	DP-50	4.2	2.2	-	-	-	-
2032	25	5/8	x	41	26	1/8	x	41	1/2	DP-25	-	DP-50	4.8	2.5	-	-	-	-
20310	25	5/8	x	49	26	1/8	x	49	1/2	DP-25	-	DP-50	5.9	3.1	-	-	-	-
2042	25	5/8	x	53	26	1/8	x	53	1/2	DP-25	-	DP-50	6.4	3.4	-	-	-	-
2046	25	5/8	x	57	26	1/8	x	57	1/2	DP-25	-	DP-50	7.0	3.7	-	-	-	-
2048	25	5/8	x	59	26	1/8	x	59	1/2	DP-25	-	DP-50	7.3	3.9	-	-	-	-
2052	25	5/8	x	65	26	1/8	x	65	1/2	DP-25	-	DP-50	8.1	4.3	-	-	-	-
2056	25	5/8	x	69	26	1/8	x	69	1/2	DP-25	-	DP-50	8.7	4.6	-	-	-	-
2056c	25	5/8	x	69	26	1/8	x	69	1/2	-	DP-40	-	8.7	-	3.1	-	-	-
2062	25	5/8	x	77	26	1/8	x	77	1/2	DP-25	-	DP-50	9.8	5.2	-	-	-	-
24210	29	5/8	x	37	30	1/8	x	37	1/2	DP-25	-	DP-50	5.0	2.6	-	-	-	-
2432	29	5/8	x	41	30	1/8	x	41	1/2	DP-25	-	DP-50	5.7	3.0	-	-	-	-
24310	29	5/8	x	49	30	1/8	x	49	1/2	DP-25	-	DP-50	7.0	3.7	-	-	-	-
2442	29	5/8	x	53	30	1/8	x	53	1/2	DP-25	-	DP-50	7.7	4.1	-	-	-	-
2446	29	5/8	x	57	30	1/8	x	57	1/2	DP-25	-	DP-50	8.4	4.4	-	-	-	-
2448	29	5/8	x	59	30	1/8	x	59	1/2	DP-25	-	DP-50	8.7	4.6	-	-	-	-
2452	29	5/8	x	65	30	1/8	x	65	1/2	DP-25	-	DP-50	9.7	5.1	-	-	-	-
2456	29	5/8	x	69	30	1/8	x	69	1/2	DP-25	-	DP-50	10.4	5.5	-	-	-	-
2456c	29	5/8	x	69	30	1/8	x	69	1/2	-	DP-40	-	10.4	-	3.7	-	-	-
2462	29	5/8	x	77	30	1/8	x	77	1/2	DP-25	-	DP-50	11.7	6.2	-	-	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 – 24 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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

Product Specifications - Single Window Units

Code	Single Window Unit																
	Unit Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening						
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage					
28210	33	5/8	x	37	34	1/8	x	37	1/2	DP-25	-	DP-50	5.9	3.0	-	-	-
2832	33	5/8	x	41	34	1/8	x	41	1/2	DP-25	-	DP-50	6.6	3.5	-	-	-
28310	33	5/8	x	49	34	1/8	x	49	1/2	DP-25	-	DP-50	8.2	4.3	-	-	-
2842	33	5/8	x	53	34	1/8	x	53	1/2	DP-25	-	DP-50	9.0	4.7	-	-	-
2846	33	5/8	x	57	34	1/8	x	57	1/2	DP-25	-	DP-50	9.8	5.1	-	-	-
2848	33	5/8	x	59	34	1/8	x	59	1/2	DP-25	-	DP-50	10.2	5.3	-	-	-
2852	33	5/8	x	65	34	1/8	x	65	1/2	DP-25	-	DP-50	11.3	5.9	-	Yes	-
2856	33	5/8	x	69	34	1/8	x	69	1/2	DP-25	-	DP-50	12.1	6.3	-	Yes	-
2856c	33	5/8	x	69	34	1/8	x	69	1/2	-	DP-40	-	12.1	-	4.3	-	-
2862	33	5/8	x	77	34	1/8	x	77	1/2	DP-25	-	DP-50	13.7	7.1	-	Yes	-
30210	37	5/8	x	37	38	1/8	x	37	1/2	DP-25	-	DP-50	6.7	3.5	-	-	-
3032	37	5/8	x	41	38	1/8	x	41	1/2	DP-25	-	DP-50	7.6	3.9	-	-	-
30310	37	5/8	x	49	38	1/8	x	49	1/2	DP-25	-	DP-50	9.4	4.9	-	-	-
3042	37	5/8	x	53	38	1/8	x	53	1/2	DP-25	-	DP-50	10.3	5.3	-	-	-
3046	37	5/8	x	57	38	1/8	x	57	1/2	DP-25	-	DP-50	11.2	5.8	-	Yes	-
3048	37	5/8	x	59	38	1/8	x	59	1/2	DP-25	-	DP-50	11.6	6.0	-	Yes	-
3052	37	5/8	x	65	38	1/8	x	65	1/2	DP-25	-	DP-50	12.9	6.7	-	Yes	-
3056	37	5/8	x	69	38	1/8	x	69	1/2	DP-25	-	-	13.8	7.2	-	Yes	-
3056c	37	5/8	x	69	38	1/8	x	69	1/2	-	DP-40	-	13.8	-	4.9	-	-
3062	37	5/8	x	77	38	1/8	x	77	1/2	DP-25	-	-	15.6	8.1	-	Yes	-
34210	41	5/8	x	37	42	1/8	x	37	1/2	DP-25	-	-	7.5	3.9	-	-	-
3432	41	5/8	x	41	42	1/8	x	41	1/2	DP-25	-	-	8.5	4.4	-	-	-
34310	41	5/8	x	49	42	1/8	x	49	1/2	DP-25	-	-	10.5	5.4	-	-	-
3442	41	5/8	x	53	42	1/8	x	53	1/2	DP-25	-	-	11.5	6.0	-	-	-
3446	41	5/8	x	57	42	1/8	x	57	1/2	DP-25	-	-	12.5	6.5	-	Yes	-
3448	41	5/8	x	59	42	1/8	x	59	1/2	DP-25	-	-	13.0	6.7	-	Yes	-
3452	41	5/8	x	65	42	1/8	x	65	1/2	DP-25	-	-	14.6	7.5	-	Yes	-
3456	41	5/8	x	69	42	1/8	x	69	1/2	DP-25	-	-	15.6	8.0	-	Yes	-
3456c	41	5/8	x	69	42	1/8	x	69	1/2	-	NT	-	15.6	-	5.4	-	-
3462	41	5/8	x	77	42	1/8	x	77	1/2	DP-25	-	-	17.6	9.1	-	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 – 24 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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

Product Specifications - Single Window Units

Code	Single Window Unit												
	Unit Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening		
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage	
38210	45 5/8	x 37	46 1/8	x 37 1/2	DP-25	-	-	8.4	4.3	-	-	-	-
3832	45 5/8	x 41	46 1/8	x 41 1/2	DP-25	-	-	9.5	4.9	-	-	-	-
38310	45 5/8	x 49	46 1/8	x 49 1/2	DP-25	-	-	11.7	6.0	-	-	-	-
3842	45 5/8	x 53	46 1/8	x 53 1/2	DP-25	-	-	12.8	6.6	-	-	-	-
3846	45 5/8	x 57	46 1/8	x 57 1/2	DP-25	-	-	13.9	7.2	-	-	Yes	-
3848	45 5/8	x 59	46 1/8	x 59 1/2	DP-25	-	-	14.5	7.5	-	-	Yes	-
3852	45 5/8	x 65	46 1/8	x 65 1/2	DP-25	-	-	16.2	8.3	-	-	Yes	-
3856	45 5/8	x 69	46 1/8	x 69 1/2	DP-25	-	-	17.3	8.9	-	-	Yes	-
3856c	45 5/8	x 69	46 1/8	x 69 1/2	-	NT	-	17.3	-	6.0	-	-	Yes
3862	45 5/8	x 77	46 1/8	x 77 1/2	DP-25	-	-	19.5	10.1	-	-	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 – 24 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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

Product Specifications - Twin Window Units

Code	Twin Window Unit																	
	Unit Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening							
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage						
18210	43	3/4	x	37	44	1/4	x	37	1/2	DP-50	-	-	6.7	3.6	-	-	-	-
1832	43	3/4	x	41	44	1/4	x	41	1/2	DP-50	-	-	7.6	4.1	-	-	-	-
18310	43	3/4	x	49	44	1/4	x	49	1/2	DP-50	-	-	9.4	5.1	-	-	-	-
1842	43	3/4	x	53	44	1/4	x	53	1/2	DP-50	-	-	10.3	5.6	-	-	-	-
1846	43	3/4	x	57	44	1/4	x	57	1/2	DP-50	-	-	11.2	6.0	-	-	-	-
1848	43	3/4	x	59	44	1/4	x	59	1/2	DP-50	-	-	11.6	6.3	-	-	-	-
1852	43	3/4	x	65	44	1/4	x	65	1/2	DP-50	-	-	13.0	7.0	-	-	-	-
1856	43	3/4	x	69	44	1/4	x	69	1/2	NT	-	-	13.9	7.5	-	-	-	-
1856c	43	3/4	x	69	44	1/4	x	69	1/2	-	NT	-	13.9	-	5.1	-	-	-
1862	43	3/4	x	77	44	1/4	x	77	1/2	NT	-	-	15.7	8.5	-	-	-	-
20210	51	3/4	x	37	52	1/4	x	37	1/2	DP-50	-	-	8.4	4.4	-	-	-	-
2032	51	3/4	x	41	52	1/4	x	41	1/2	DP-50	-	-	9.5	5.0	-	-	-	-
20310	51	3/4	x	49	52	1/4	x	49	1/2	DP-50	-	-	11.7	6.2	-	-	-	-
2042	51	3/4	x	53	52	1/4	x	53	1/2	DP-50	-	-	12.9	6.8	-	-	-	-
2046	51	3/4	x	57	52	1/4	x	57	1/2	DP-50	-	-	14.0	7.4	-	-	-	-
2048	51	3/4	x	59	52	1/4	x	59	1/2	DP-50	-	-	14.5	7.7	-	-	-	-
2052	51	3/4	x	65	52	1/4	x	65	1/2	DP-50	-	-	16.2	8.6	-	-	-	-
2056	51	3/4	x	69	52	1/4	x	69	1/2	NT	-	-	17.3	9.2	-	-	-	-
2056c	51	3/4	x	69	52	1/4	x	69	1/2	-	NT	-	17.3	-	6.2	-	-	-
2062	51	3/4	x	77	52	1/4	x	77	1/2	NT	-	-	19.6	10.4	-	-	-	-
24210	59	3/4	x	37	60	1/4	x	37	1/2	DP-50	-	-	10.1	5.3	-	-	-	-
2432	59	3/4	x	41	60	1/4	x	41	1/2	DP-50	-	-	11.4	6.0	-	-	-	-
24310	59	3/4	x	49	60	1/4	x	49	1/2	DP-50	-	-	14.1	7.4	-	-	-	-
2442	59	3/4	x	53	60	1/4	x	53	1/2	DP-50	-	-	15.4	8.1	-	-	-	-
2446	59	3/4	x	57	60	1/4	x	57	1/2	DP-50	-	-	16.8	8.8	-	-	-	-
2448	59	3/4	x	59	60	1/4	x	59	1/2	DP-50	-	-	17.4	9.2	-	-	-	-
2452	59	3/4	x	65	60	1/4	x	65	1/2	DP-50	-	-	19.4	10.2	-	-	-	-
2456	59	3/4	x	69	60	1/4	x	69	1/2	NT	-	-	20.8	10.9	-	-	-	-
2456c	59	3/4	x	69	60	1/4	x	69	1/2	-	NT	-	20.8	-	7.4	-	-	-
2462	59	3/4	x	77	60	1/4	x	77	1/2	NT	-	-	23.5	12.4	-	-	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 – 49 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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Series 9000 Double Hung Window
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Product Specifications - Twin Window Units

Code	Twin Window Unit											
	Unit Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening	
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage
28210	67 3/4	x 37	68 1/4	x 37 1/2	DP-50	-	-	11.7	6.1	-	-	-
2832	67 3/4	x 41	68 1/4	x 41 1/2	DP-50	-	-	13.3	6.9	-	-	-
28310	67 3/4	x 49	68 1/4	x 49 1/2	DP-50	-	-	16.4	8.6	-	-	-
2842	67 3/4	x 53	68 1/4	x 53 1/2	DP-50	-	-	18.0	9.4	-	-	-
2846	67 3/4	x 57	68 1/4	x 57 1/2	DP-50	-	-	19.5	10.2	-	-	-
2848	67 3/4	x 59	68 1/4	x 59 1/2	DP-50	-	-	20.3	10.6	-	-	-
2852	67 3/4	x 65	68 1/4	x 65 1/2	DP-50	-	-	22.7	11.8	-	Yes	-
2856	67 3/4	x 69	68 1/4	x 69 1/2	NT	-	-	24.2	12.7	-	Yes	-
2856c	67 3/4	x 69	68 1/4	x 69 1/2	-	NT	-	24.2	-	8.6	-	-
2862	67 3/4	x 77	68 1/4	x 77 1/2	NT	-	-	27.3	14.3	-	Yes	-
30210	75 3/4	x 37	76 1/4	x 37 1/2	DP-50	-	-	13.4	6.9	-	-	-
3032	75 3/4	x 41	76 1/4	x 41 1/2	DP-50	-	-	15.2	7.9	-	-	-
30310	75 3/4	x 49	76 1/4	x 49 1/2	DP-50	-	-	18.7	9.7	-	-	-
3042	75 3/4	x 53	76 1/4	x 53 1/2	DP-50	-	-	20.5	10.6	-	-	-
3046	75 3/4	x 57	76 1/4	x 57 1/2	DP-50	-	-	22.3	11.6	-	Yes	-
3048	75 3/4	x 59	76 1/4	x 59 1/2	DP-50	-	-	23.2	12.0	-	Yes	-
3052	75 3/4	x 65	76 1/4	x 65 1/2	NT	-	-	25.9	13.4	-	Yes	-
3056	75 3/4	x 69	76 1/4	x 69 1/2	NT	-	-	27.7	14.4	-	Yes	-
3056c	75 3/4	x 69	76 1/4	x 69 1/2	-	NT	-	27.7	-	9.7	-	-
3062	75 3/4	x 77	76 1/4	x 77 1/2	NT	-	-	31.2	16.2	-	Yes	-
34210	83 3/4	x 37	84 1/4	x 37 1/2	NT	-	-	15.1	7.7	-	-	-
3432	83 3/4	x 41	84 1/4	x 41 1/2	NT	-	-	17.1	8.8	-	-	-
34310	83 3/4	x 49	84 1/4	x 49 1/2	NT	-	-	21.1	10.9	-	-	-
3442	83 3/4	x 53	84 1/4	x 53 1/2	NT	-	-	23.1	11.9	-	-	-
3446	83 3/4	x 57	84 1/4	x 57 1/2	NT	-	-	25.1	13.0	-	Yes	-
3448	83 3/4	x 59	84 1/4	x 59 1/2	NT	-	-	26.1	13.5	-	Yes	-
3452	83 3/4	x 65	84 1/4	x 65 1/2	NT	-	-	29.1	15.0	-	Yes	-
3456	83 3/4	x 69	84 1/4	x 69 1/2	NT	-	-	31.1	16.1	-	Yes	-
3456c	83 3/4	x 69	84 1/4	x 69 1/2	-	NT	-	31.1	-	10.9	-	-
3462	83 3/4	x 77	84 1/4	x 77 1/2	NT	-	-	35.1	18.2	-	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 – 49 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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Product Specifications - Twin Window Units

Code	Twin Window Unit											
	Unit Dimensions		Rough Opening		DP Rating			Daylight	Ventilation		Clear Opening	
	Width	Height	Width	Height	Equal	Cottage	Optional		Equal	Cottage	Equal	Cottage
38210	91 3/4	x 37	92 1/4	x 37 1/2	NT	-	-	16.7	8.6	-	-	-
3832	91 3/4	x 41	92 1/4	x 41 1/2	NT	-	-	18.9	9.7	-	-	-
38310	91 3/4	x 49	92 1/4	x 49 1/2	NT	-	-	23.4	12.0	-	-	-
3842	91 3/4	x 53	92 1/4	x 53 1/2	NT	-	-	25.6	13.2	-	-	-
3846	91 3/4	x 57	92 1/4	x 57 1/2	NT	-	-	27.9	14.3	-	Yes	-
3848	91 3/4	x 59	92 1/4	x 59 1/2	NT	-	-	29.0	14.9	-	Yes	-
3852	91 3/4	x 65	92 1/4	x 65 1/2	NT	-	-	32.3	16.6	-	Yes	-
3856	91 3/4	x 69	92 1/4	x 69 1/2	NT	-	-	34.6	17.8	-	Yes	-
3856c	91 3/4	x 69	92 1/4	x 69 1/2	-	NT	-	34.6	-	12.0	-	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

Minimum window width for 20" clear opening width – 49 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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Product Specifications - Triple Window Units

Code	Triple Window Unit																
	Unit Dimensions		Rough Opening			DP Rating		Daylight	Ventilation		Clear Opening						
	Width	Height	Width	Height	Equal	Cottage	Equal		Cottage	Equal	Cottage						
18210	65	7/8	x	37	66	3/8	x	37	1/2	NT	-	10.1	5.4	-	-	-	-
1832	65	7/8	x	41	66	3/8	x	41	1/2	NT	-	11.4	6.2	-	-	-	-
18310	65	7/8	x	49	66	3/8	x	49	1/2	NT	-	14.1	7.6	-	-	-	-
1842	65	7/8	x	53	66	3/8	x	53	1/2	NT	-	15.5	8.3	-	-	-	-
1846	65	7/8	x	57	66	3/8	x	57	1/2	NT	-	16.8	9.1	-	-	-	-
1848	65	7/8	x	59	66	3/8	x	59	1/2	NT	-	17.5	9.4	-	-	-	-
1852	65	7/8	x	65	66	3/8	x	65	1/2	NT	-	19.5	10.5	-	-	-	-
1856	65	7/8	x	69	66	3/8	x	69	1/2	NT	-	20.8	11.3	-	-	-	-
1856c	65	7/8	x	69	66	3/8	x	69	1/2	-	NT	20.8	-	7.6	-	-	-
1862	65	7/8	x	77	66	3/8	x	77	1/2	NT	-	23.5	12.7	-	-	-	-
20210	77	7/8	x	37	78	3/8	x	37	1/2	NT	-	12.6	6.7	-	-	-	-
2032	77	7/8	x	41	78	3/8	x	41	1/2	NT	-	14.3	7.6	-	-	-	-
20310	77	7/8	x	49	78	3/8	x	49	1/2	NT	-	17.6	9.4	-	-	-	-
2042	77	7/8	x	53	78	3/8	x	53	1/2	NT	-	19.3	10.2	-	-	-	-
2046	77	7/8	x	57	78	3/8	x	57	1/2	NT	-	21.0	11.1	-	-	-	-
2048	77	7/8	x	59	78	3/8	x	59	1/2	NT	-	21.8	11.6	-	-	-	-
2052	77	7/8	x	65	78	3/8	x	65	1/2	NT	-	24.3	12.9	-	-	-	-
2056	77	7/8	x	69	78	3/8	x	69	1/2	NT	-	26.0	13.8	-	-	-	-
2056c	77	7/8	x	69	78	3/8	x	69	1/2	-	NT	26.0	-	9.4	-	-	-
2062	77	7/8	x	77	78	3/8	x	77	1/2	NT	-	29.3	15.6	-	-	-	-
24210	89	7/8	x	37	90	3/8	x	37	1/2	NT	-	15.1	7.9	-	-	-	-
2432	89	7/8	x	41	90	3/8	x	41	1/2	NT	-	17.1	9.0	-	-	-	-
24310	89	7/8	x	49	90	3/8	x	49	1/2	NT	-	21.1	11.1	-	-	-	-
2442	89	7/8	x	53	90	3/8	x	53	1/2	NT	-	23.1	12.2	-	-	-	-
2446	89	7/8	x	57	90	3/8	x	57	1/2	NT	-	25.1	13.2	-	-	-	-
2448	89	7/8	x	59	90	3/8	x	59	1/2	NT	-	26.1	13.7	-	-	-	-
2452	89	7/8	x	65	90	3/8	x	65	1/2	NT	-	29.2	15.3	-	-	-	-
2456	89	7/8	x	69	90	3/8	x	69	1/2	NT	-	31.2	16.4	-	-	-	-
2456c	89	7/8	x	69	90	3/8	x	69	1/2	-	NT	31.2	-	11.1	-	-	-
2462	89	7/8	x	77	90	3/8	x	77	1/2	NT	-	35.2	18.5	-	-	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 – 74 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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

Product Specifications - Triple Window Units

Code	Triple Window Unit										
	Unit Dimensions		Rough Opening		DP Rating		Daylight	Ventilation		Clear Opening	
	Width	Height	Width	Height	Equal	Cottage		Equal	Cottage	Equal	Cottage
28210	101	7/8 x 37	102	3/8 x 37 1/2	NT	-	17.6	9.1	-	-	-
2832	101	7/8 x 41	102	3/8 x 41 1/2	NT	-	19.9	10.4	-	-	-
28310	101	7/8 x 49	102	3/8 x 49 1/2	NT	-	24.6	12.8	-	-	-
2842	101	7/8 x 53	102	3/8 x 53 1/2	NT	-	27.0	14.1	-	-	-
2846	101	7/8 x 57	102	3/8 x 57 1/2	NT	-	29.3	15.3	-	-	-
2848	101	7/8 x 59	102	3/8 x 59 1/2	NT	-	30.5	15.9	-	-	-
2852	101	7/8 x 65	102	3/8 x 65 1/2	NT	-	34.0	17.7	-	Yes	-
2856	101	7/8 x 69	102	3/8 x 69 1/2	NT	-	36.3	19.0	-	Yes	-
2856c	101	7/8 x 69	102	3/8 x 69 1/2	-	NT	36.3	-	12.8	-	-
2862	101	7/8 x 77	102	3/8 x 77 1/2	NT	-	41.0	21.4	-	Yes	-
30210	113	7/8 x 37	114	3/8 x 37 1/2	NT	-	20.1	10.4	-	-	-
3032	113	7/8 x 41	114	3/8 x 41 1/2	NT	-	22.8	11.8	-	-	-
30310	113	7/8 x 49	114	3/8 x 49 1/2	NT	-	28.1	14.6	-	-	-
3042	113	7/8 x 53	114	3/8 x 53 1/2	NT	-	30.8	16.0	-	-	-
3046	113	7/8 x 57	114	3/8 x 57 1/2	NT	-	33.5	17.4	-	-	-
3048	-	-	-	-	-	-	-	-	-	-	-
3052	-	-	-	-	-	-	-	-	-	-	-
3056	-	-	-	-	-	-	-	-	-	-	-
3056c	-	-	-	-	-	-	-	-	-	-	-
3062	-	-	-	-	-	-	-	-	-	-	-
34210	125	7/8 x 37	126	3/8 x 37 1/2	NT	-	22.6	11.6	-	-	-
3432	125	7/8 x 41	126	3/8 x 41 1/2	NT	-	25.6	13.2	-	-	-
34310	-	-	-	-	-	-	-	-	-	-	-
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 window width for 20" clear opening width – 74 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

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

Product Specifications - Triple Window Units

Code	Triple Window Unit											
	Unit Dimensions		Rough Opening		DP Rating		Daylight	Ventilation		Clear Opening		
	Width	Height	Width	Height	Equal	Cottage		Equal	Cottage	Equal	Cottage	
38210	137 7/8	x 37	138 3/8	x 37 1/2	NT	-	25.1	12.9	-	-	-	-
3832	137 7/8	x 41	138 3/8	x 41 1/2	NT	-	28.4	14.6	-	-	-	-
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

Minimum window width for 20" clear opening width – 74 1/2"

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

Minimum window height for 24" clear opening height cottage style window – 68"

Seven D Industries, L.P.

Series 9000 Double Hung Window

Series 9100 Double Hung Window w/ J-Channel

Product Specifications - Daylight, Ventilation and Design Pressure

Single Window Units

Window				18	20	24	28	30	34	38
Height	Call Out			21 5/8	25 5/8	29 5/8	33 5/8	37 5/8	41 5/8	45 5/8
	Unit Dimension			22 1/8	26 1/8	30 1/8	34 1/8	38 1/8	42 1/8	46 1/8
	Rough Opening									
210	37	37 1/2	Ventilation	1.8	2.2	2.6	3.0	3.5	3.9	4.3
			Daylight	3.4	4.2	5.0	5.9	6.7	7.5	8.4
			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
			Ventilation	2.1	2.5	3.0	3.5	3.9	4.4	4.9
32	41	41 1/2	Daylight	3.8	4.8	5.7	6.6	7.6	8.5	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	2.5	3.1	3.7	4.3	4.9	5.4	6.0
			Daylight	4.7	5.9	7.0	8.2	9.4	10.5	11.7
			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
			Ventilation	2.8	3.4	4.1	4.7	5.3	6.0	6.6
42	53	53 1/2	Daylight	5.2	6.4	7.7	9.0	10.3	11.5	12.8
			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	3.0	3.7	4.4	5.1	5.8	6.5	7.2
			Daylight	5.6	7.0	8.4	9.8	11.2	12.5	13.9
			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
			Ventilation	3.1	3.9	4.6	5.3	6.0	6.7	7.5
48	59	59 1/2	Daylight	5.8	7.3	8.7	10.2	11.6	13.0	14.5
			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
52	65	65 1/2	Ventilation	3.5	4.3	5.1	5.9	6.7	7.5	8.3
			Daylight	6.5	8.1	9.7	11.3	12.9	14.6	16.2
			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
			Ventilation	3.8	4.6	5.5	6.3	7.2	8.0	8.9
56	69	69 1/2	Daylight	6.9	8.7	10.4	12.1	13.8	15.6	17.3
			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	2.5	3.1	3.7	4.3	4.9	5.4	6.0
			Daylight	6.9	8.6	10.3	12.0	13.8	15.5	17.2
			Design Pressure	DP-40	DP-40	DP-40	DP-40	DP-40	NT	NT
			Ventilation	4.2	5.2	6.2	7.1	8.1	9.1	10.1
62	77	77 1/2	Daylight	7.8	9.8	11.7	13.7	15.6	17.6	19.5
			Design Pressure	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-25/DP-50	DP-15	DP-15	DP-15

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

Test Window Dimensions:

48" x 77" DP-25
34" x 77" DP-50

38" x 65 3/4" DP-50
38" x 71" Cottage DP-40

Note: Daylight and Ventilation calculations are given in square foot of area
4/27/2007

Seven D Industries, L.P.

Series 9000 Double Hung Window

Series 9100 Double Hung Window w/ J-Channel

Product Specifications - Daylight, Ventilation and Design Pressure

Twin Window Units

Window		Call Out		18	20	24	28	30	34	38
Height	Unit Dimension		Rough Opening							
	Unit Dimension		43 3/4	51 3/4	59 3/4	67 3/4	75 3/4	83 3/4	91 3/4	
	Rough Opening		44 1/4	52 1/4	60 1/4	68 1/4	76 1/4	84 1/4	92 1/4	
	210	37	37 1/2	Ventilation 3.6	4.4	5.3	6.1	6.9	7.7	8.6
				Daylight 6.7	8.4	10.1	11.7	13.4	15.1	16.7
				Design Pressure DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT
	32	41	41 1/2	Ventilation 4.1	5.0	6.0	6.9	7.9	8.8	9.7
				Daylight 7.6	9.5	11.4	13.3	15.2	17.1	18.9
				Design Pressure DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT
	310	49	49 1/2	Ventilation 5.1	6.2	7.4	8.6	9.7	10.9	12.0
			Daylight 9.4	11.7	14.1	16.4	18.7	21.1	23.4	
			Design Pressure DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT	
42	53	53 1/2	Ventilation 5.6	6.8	8.1	9.4	10.6	11.9	13.2	
			Daylight 10.3	12.9	15.4	18.0	20.5	23.1	25.6	
			Design Pressure DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT	
46	57	57 1/2	Ventilation 6.0	7.4	8.8	10.2	11.6	13.0	14.3	
			Daylight 11.2	14.0	16.8	19.5	22.3	25.1	27.9	
			Design Pressure DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT	
48	59	59 1/2	Ventilation 6.3	7.7	9.2	10.6	12.0	13.5	14.9	
			Daylight 11.6	14.5	17.4	20.3	23.2	26.1	29.0	
			Design Pressure DP-50	DP-50	DP-50	DP-50	DP-50	NT	NT	
52	65	65 1/2	Ventilation 7.0	8.6	10.2	11.8	13.4	15.0	16.6	
			Daylight 13.0	16.2	19.4	22.7	25.9	29.1	32.3	
			Design Pressure DP-50	DP-50	DP-50	DP-50	NT	NT	NT	
56	69	69 1/2	Ventilation 7.5	9.2	10.9	12.7	14.4	16.1	17.8	
			Daylight 13.9	17.3	20.8	24.2	27.7	31.1	34.6	
			Design Pressure NT	NT	NT	NT	NT	NT	NT	
56 Cottage	69	69 1/2	Ventilation 5.1	6.2	7.4	8.6	9.7	10.9	12.0	
			Daylight 13.7	17.2	20.6	24.1	27.5	31.0	34.4	
			Design Pressure NT	NT	NT	NT	NT	NT	NT	
62	77	77 1/2	Ventilation 8.5	10.4	12.4	14.3	16.2	18.2	20.1	
			Daylight 15.7	19.6	23.5	27.3	31.2	35.1	-	
			Design Pressure NT	NT	NT	NT	NT	NT	-	

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

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

Seven D Industries, L.P.

Series 9000 Double Hung Window

Series 9100 Double Hung Window w/ J-Channel

Product Specifications - Daylight, Ventilation and Design Pressure

Twin Window Units

4/27/2007

Seven D Industries, L.P.

Series 9000 Double Hung Window

Series 9100 Double Hung Window w/ J-Channel

Product Specifications - Daylight, Ventilation and Design Pressure

Twin Window Units

Window				18	20	24	28	30	34	38		
Height	Call Out	Unit Dimension		79 7/8	91 7/8	103 7/8	115 7/8	127 7/8	139 7/8	151 7/8		
		Rough Opening		80 3/8	92 3/8	104 3/8	116 3/8	128 3/8	140 3/8	152 3/8		
210	37	37 1/2	Ventilation	5.4	6.7	7.9	9.1	10.4	11.6	12.9		
			Daylight	10.1	12.6	15.1	17.6	20.1	22.6	25.1		
	32	41	41 1/2	Design Pressure	NT	NT	NT	NT	NT	NT		
				Ventilation	6.2	7.6	9.0	10.4	11.8	13.2	14.6	
	310	49	49 1/2	Daylight	11.4	14.3	17.1	19.9	22.8	25.6	28.4	
				Design Pressure	NT	NT	NT	NT	NT	NT	NT	
	42	53	53 1/2	Ventilation	7.6	9.4	11.1	12.8	14.6	-	-	-
				Daylight	14.1	17.6	21.1	24.6	28.1	-	-	-
	46	57	57 1/2	Design Pressure	NT	NT	NT	NT	NT	-	-	-
				Ventilation	8.3	10.2	12.2	14.1	16.0	-	-	-
	48	59	59 1/2	Daylight	15.5	19.3	23.1	27.0	30.8	-	-	-
Design Pressure				NT	NT	NT	NT	NT	-	-	-	
52	65	65 1/2	Ventilation	9.1	11.1	13.2	15.3	17.4	-	-	-	
			Daylight	16.8	21.0	25.1	29.3	33.5	-	-	-	
56	69	69 1/2	Design Pressure	NT	NT	NT	NT	NT	-	-	-	
			Ventilation	9.4	11.6	13.7	15.9	-	-	-	-	
56 Cottage	69	69 1/2	Daylight	17.5	21.8	26.1	30.5	-	-	-		
			Design Pressure	NT	NT	NT	NT	-	-	-		
62	77	77 1/2	Ventilation	10.5	12.9	15.3	17.7	-	-	-		
			Daylight	19.5	24.3	29.2	34.0	-	-	-		
62	77	77 1/2	Design Pressure	NT	NT	NT	NT	-	-	-		
			Ventilation	11.3	13.8	16.4	19.0	-	-	-		
62	77	77 1/2	Daylight	20.8	26.0	31.2	36.3	-	-	-		
			Design Pressure	NT	NT	NT	NT	-	-	-		
62	77	77 1/2	Ventilation	7.6	9.4	11.1	12.8	-	-	-		
			Daylight	20.6	25.8	31.0	36.1	-	-	-		
62	77	77 1/2	Design Pressure	NT	NT	NT	NT	-	-	-		
			Ventilation	12.7	15.6	18.5	21.4	-	-	-		
62	77	77 1/2	Daylight	23.5	29.3	35.2	41.0	-	-	-		
			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 Double Hung Window

Series 9100 Double Hung Window w/ J-Channel

Product Specifications - Daylight, Ventilation and Design Pressure

Twin Window Units

4/27/2007

Seven D Industries, L.P.

Series 9000 Double Hung Window

Series 9100 Double 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	18	5/8	x 34 7/8	30210	37	5/8	x 37	34	5/8	x 34 7/8
1832	21	5/8	x 41	18	5/8	x 38 7/8	3032	37	5/8	x 41	34	5/8	x 38 7/8
18310	21	5/8	x 49	18	5/8	x 46 7/8	30310	37	5/8	x 49	34	5/8	x 46 7/8
1842	21	5/8	x 53	18	5/8	x 50 7/8	3042	37	5/8	x 53	34	5/8	x 50 7/8
1846	21	5/8	x 57	18	5/8	x 54 7/8	3046	37	5/8	x 57	34	5/8	x 54 7/8
1848	21	5/8	x 59	18	5/8	x 56 7/8	3048	37	5/8	x 59	34	5/8	x 56 7/8
1852	21	5/8	x 65	18	5/8	x 62 7/8	3052	37	5/8	x 65	34	5/8	x 62 7/8
1856	21	5/8	x 69	18	5/8	x 66 7/8	3056	37	5/8	x 69	34	5/8	x 66 7/8
1856c	21	5/8	x 69	18	5/8	x 66 7/8	3056c	37	5/8	x 69	34	5/8	x 66 7/8
1862	21	5/8	x 77	18	5/8	x 74 7/8	3062	37	5/8	x 77	34	5/8	x 74 7/8
20210	25	5/8	x 37	22	5/8	x 34 7/8	34210	41	5/8	x 37	38	5/8	x 34 7/8
2032	25	5/8	x 41	22	5/8	x 38 7/8	3432	41	5/8	x 41	38	5/8	x 38 7/8
20310	25	5/8	x 49	22	5/8	x 46 7/8	34310	41	5/8	x 49	38	5/8	x 46 7/8
2042	25	5/8	x 53	22	5/8	x 50 7/8	3442	41	5/8	x 53	38	5/8	x 50 7/8
2046	25	5/8	x 57	22	5/8	x 54 7/8	3446	41	5/8	x 57	38	5/8	x 54 7/8
2048	25	5/8	x 59	22	5/8	x 56 7/8	3448	41	5/8	x 59	38	5/8	x 56 7/8
2052	25	5/8	x 65	22	5/8	x 62 7/8	3452	41	5/8	x 65	38	5/8	x 62 7/8
2056	25	5/8	x 69	22	5/8	x 66 7/8	3456	41	5/8	x 69	38	5/8	x 66 7/8
2056c	25	5/8	x 69	22	5/8	x 66 7/8	3456c	41	5/8	x 69	38	5/8	x 66 7/8
2062	25	5/8	x 77	22	5/8	x 74 7/8	3462	41	5/8	x 77	38	5/8	x 74 7/8
24210	29	5/8	x 37	26	5/8	x 34 7/8	38210	45	5/8	x 37	42	5/8	x 34 7/8
2432	29	5/8	x 41	26	5/8	x 38 7/8	3832	45	5/8	x 41	42	5/8	x 38 7/8
24310	29	5/8	x 49	26	5/8	x 46 7/8	38310	45	5/8	x 49	42	5/8	x 46 7/8
2442	29	5/8	x 53	26	5/8	x 50 7/8	3842	45	5/8	x 53	42	5/8	x 50 7/8
2446	29	5/8	x 57	26	5/8	x 54 7/8	3846	45	5/8	x 57	42	5/8	x 54 7/8
2448	29	5/8	x 59	26	5/8	x 56 7/8	3848	45	5/8	x 59	42	5/8	x 56 7/8
2452	29	5/8	x 65	26	5/8	x 62 7/8	3852	45	5/8	x 65	42	5/8	x 62 7/8
2456	29	5/8	x 69	26	5/8	x 66 7/8	3856	45	5/8	x 69	42	5/8	x 66 7/8
2456c	29	5/8	x 69	26	5/8	x 66 7/8	3856c	45	5/8	x 69	42	5/8	x 66 7/8
2462	29	5/8	x 77	26	5/8	x 74 7/8	3862	45	5/8	x 77	42	5/8	x 74 7/8
28210	33	5/8	x 37	30	5/8	x 34 7/8							
2832	33	5/8	x 41	30	5/8	x 38 7/8							
28310	33	5/8	x 49	30	5/8	x 46 7/8							
2842	33	5/8	x 53	30	5/8	x 50 7/8							
2846	33	5/8	x 57	30	5/8	x 54 7/8							
2848	33	5/8	x 59	30	5/8	x 56 7/8							
2852	33	5/8	x 65	30	5/8	x 62 7/8							
2856	33	5/8	x 69	30	5/8	x 66 7/8							
2856c	33	5/8	x 69	30	5/8	x 66 7/8							
2862	33	5/8	x 77	30	5/8	x 74 7/8							

Seven D Industries, L.P.

Series 9000 Double Hung Window

Series 9100 Double 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	.91	.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 9000/9100 Double Hung windows utilizing Low-E Glass with Argon Fill, meet all requirements for Energy Star compliance.

10/19/2006

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

Window Width: 15
Window Height: 52

Ventilation Area: 1.690 sq ft
Daylight Area: 2.969 sq ft