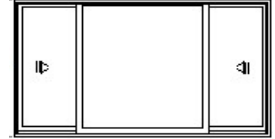


Cascade Windows XO and OX Horizontal Slider Sizing information

Call Out Size*	Paramount Series - Aluminum and Vinyl						WinPro, Empire and Cascade Series Vinyl					
	Net Frame		Net Frame	Rough Opening		Rough Opening	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height	Width	x	Height	Width	x	Height
20 20	23 1/4	x	23 1/4	23 3/4	x	23 3/4	23 1/2	x	23 1/2	24	x	24
20 26	23 1/4	x	29 1/4	23 3/4	x	29 3/4	23 1/2	x	29 1/2	24	x	30
20 30	23 1/4	x	35 1/4	23 3/4	x	35 3/4	23 1/2	x	35 1/2	24	x	36
26 20	29 1/4	x	23 1/4	29 3/4	x	23 3/4	29 1/2	x	23 1/2	30	x	24
26 26	29 1/4	x	29 1/4	29 3/4	x	29 3/4	29 1/2	x	29 1/2	30	x	30
26 30	29 1/4	x	35 1/4	29 3/4	x	35 3/4	29 1/2	x	35 1/2	30	x	36
26 36	29 1/4	x	41 1/4	29 3/4	x	41 3/4	29 1/2	x	41 1/2	30	x	42
30 20	35 1/4	x	23 1/4	35 3/4	x	23 3/4	35 1/2	x	23 1/2	36	x	24
30 26	35 1/4	x	29 1/4	35 3/4	x	29 3/4	35 1/2	x	29 1/2	36	x	30
30 30	35 1/4	x	35 1/4	35 3/4	x	35 3/4	35 1/2	x	35 1/2	36	x	36
30 36	35 1/4	x	41 1/4	35 3/4	x	41 3/4	35 1/2	x	41 1/2	36	x	42
30 40	35 1/4	x	47 1/4	35 3/4	x	47 3/4	35 1/2	x	47 1/2	36	x	48
30 46	35 1/4	x	53 1/4	35 3/4	x	53 3/4	35 1/2	x	53 1/2	36	x	54
30 50	35 1/4	x	59 1/4	35 3/4	x	59 3/4	35 1/2	x	59 1/2	36	x	60
36 20	41 1/4	x	23 1/4	41 3/4	x	23 3/4	41 1/2	x	23 1/2	42	x	24
36 26	41 1/4	x	29 1/4	41 3/4	x	29 3/4	41 1/2	x	29 1/2	42	x	30
36 30	41 1/4	x	35 1/4	41 3/4	x	35 3/4	41 1/2	x	35 1/2	42	x	36
36 36	41 1/4	x	41 1/4	41 3/4	x	41 3/4	41 1/2	x	41 1/2	42	x	42
36 40	41 1/4	x	47 1/4	41 3/4	x	47 3/4	41 1/2	x	47 1/2	42	x	48
36 46	41 1/4	x	53 1/4	41 3/4	x	53 3/4	41 1/2	x	53 1/2	42	x	54
36 50	41 1/4	x	59 1/4	41 3/4	x	59 3/4	41 1/2	x	59 1/2	42	x	60
40 20	47 1/4	x	23 1/4	47 3/4	x	23 3/4	47 1/2	x	23 1/2	48	x	24
40 26	47 1/4	x	29 1/4	47 3/4	x	29 3/4	47 1/2	x	29 1/2	48	x	30
40 30	47 1/4	x	35 1/4	47 3/4	x	35 3/4	47 1/2	x	35 1/2	48	x	36
40 36	47 1/4	x	41 1/4	47 3/4	x	41 3/4	47 1/2	x	41 1/2	48	x	42
40 40	47 1/4	x	47 1/4	47 3/4	x	47 3/4	47 1/2	x	47 1/2	48	x	48
40 46	47 1/4	x	53 1/4	47 3/4	x	53 3/4	47 1/2	x	53 1/2	48	x	54
40 50	47 1/4	x	59 1/4	47 3/4	x	59 3/4	47 1/2	x	59 1/2	48	x	60
40 60	47 1/4	x	71 1/4	47 3/4	x	71 3/4	47 1/2	x	71 1/2	48	x	72
50 20	59 1/4	x	23 1/4	59 3/4	x	23 3/4	59 1/2	x	23 1/2	60	x	24
50 26	59 1/4	x	29 1/4	59 3/4	x	29 3/4	59 1/2	x	29 1/2	60	x	30
50 30	59 1/4	x	35 1/4	59 3/4	x	35 3/4	59 1/2	x	35 1/2	60	x	36
50 36	59 1/4	x	41 1/4	59 3/4	x	41 3/4	59 1/2	x	41 1/2	60	x	42
50 40	59 1/4	x	47 1/4	59 3/4	x	47 3/4	59 1/2	x	47 1/2	60	x	48
50 46	59 1/4	x	53 1/4	59 3/4	x	53 3/4	59 1/2	x	53 1/2	60	x	54
50 50	59 1/4	x	59 1/4	59 3/4	x	59 3/4	59 1/2	x	59 1/2	60	x	60
50 60	59 1/4	x	71 1/4	59 3/4	x	71 3/4	59 1/2	x	71 1/2	60	x	72
60 20	71 1/4	x	23 1/4	71 3/4	x	23 3/4	71 1/2	x	23 1/2	72	x	24
60 26	71 1/4	x	29 1/4	71 3/4	x	29 3/4	71 1/2	x	29 1/2	72	x	30
60 30	71 1/4	x	35 1/4	71 3/4	x	35 3/4	71 1/2	x	35 1/2	72	x	36
60 36	71 1/4	x	41 1/4	71 3/4	x	41 3/4	71 1/2	x	41 1/2	72	x	42
60 40	71 1/4	x	47 1/4	71 3/4	x	47 3/4	71 1/2	x	47 1/2	72	x	48
60 46	71 1/4	x	53 1/4	71 3/4	x	53 3/4	71 1/2	x	53 1/2	72	x	54
60 50	71 1/4	x	59 1/4	71 3/4	x	59 3/4	71 1/2	x	59 1/2	72	x	60
60 60	71 1/4	x	71 1/4	71 3/4	x	71 3/4	71 1/2	x	71 1/2	72	x	72

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0'

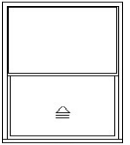


Cascade Windows XOX Horizontal Slider Sizing information

Call Out Size*	Paramount Series - Aluminum and Vinyl						WinPro, Empire and Cascade Series Vinyl					
	Net Frame		Net Frame	Rough Opening		Rough Opening	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height	Width	x	Height	Width	x	Height
60 20	71 1/4	x	23 1/4	71 3/4	x	23 3/4	71 1/2	x	23 1/2	72	x	24
60 26	71 1/4	x	29 1/4	71 3/4	x	29 3/4	71 1/2	x	29 1/2	72	x	30
60 30	71 1/4	x	35 1/4	71 3/4	x	35 3/4	71 1/2	x	35 1/2	72	x	36
60 36	71 1/4	x	41 1/4	71 3/4	x	41 3/4	71 1/2	x	41 1/2	72	x	42
60 40	71 1/4	x	47 1/4	71 3/4	x	47 3/4	71 1/2	x	47 1/2	72	x	48
60 46	71 1/4	x	53 1/4	71 3/4	x	53 3/4	71 1/2	x	53 1/2	72	x	54
60 50	71 1/4	x	59 1/4	71 3/4	x	59 3/4	71 1/2	x	59 1/2	72	x	60
70 20	83 1/4	x	23 1/4	83 3/4	x	23 3/4	83 1/2	x	23 1/2	84	x	24
70 26	83 1/4	x	29 1/4	83 3/4	x	29 3/4	83 1/2	x	29 1/2	84	x	30
70 30	83 1/4	x	35 1/4	83 3/4	x	35 3/4	83 1/2	x	35 1/2	84	x	36
70 36	83 1/4	x	41 1/4	83 3/4	x	41 3/4	83 1/2	x	41 1/2	84	x	42
70 40	83 1/4	x	47 1/4	83 3/4	x	47 3/4	83 1/2	x	47 1/2	84	x	48
70 46	83 1/4	x	53 1/4	83 3/4	x	53 3/4	83 1/2	x	53 1/2	84	x	54
70 50	83 1/4	x	59 1/4	83 3/4	x	59 3/4	83 1/2	x	59 1/2	84	x	60
80 20	95 1/4	x	23 1/4	95 3/4	x	23 3/4	95 1/2	x	23 1/2	96	x	24
80 26	95 1/4	x	29 1/4	95 3/4	x	29 3/4	95 1/2	x	29 1/2	96	x	30
80 30	95 1/4	x	35 1/4	95 3/4	x	35 3/4	95 1/2	x	35 1/2	96	x	36
80 36	95 1/4	x	41 1/4	95 3/4	x	41 3/4	95 1/2	x	41 1/2	96	x	42
80 40	95 1/4	x	47 1/4	95 3/4	x	47 3/4	95 1/2	x	47 1/2	96	x	48
80 46	95 1/4	x	53 1/4	95 3/4	x	53 3/4	95 1/2	x	53 1/2	96	x	54
80 50	95 1/4	x	59 1/4	95 3/4	x	59 3/4	95 1/2	x	59 1/2	96	x	60
80 60	95 1/4	x	71 1/4	95 3/4	x	71 3/4	95 1/2	x	71 1/2	96	x	72
90 20	107 1/4	x	23 1/4	107 3/4	x	23 3/4	107 1/2	x	23 1/2	108	x	24
90 26	107 1/4	x	29 1/4	107 3/4	x	29 3/4	107 1/2	x	29 1/2	108	x	30
90 30	107 1/4	x	35 1/4	107 3/4	x	35 3/4	107 1/2	x	35 1/2	108	x	36
90 36	107 1/4	x	41 1/4	107 3/4	x	41 3/4	107 1/2	x	41 1/2	108	x	42
90 40	107 1/4	x	47 1/4	107 3/4	x	47 3/4	107 1/2	x	47 1/2	108	x	48
90 46	107 1/4	x	53 1/4	107 3/4	x	53 3/4	107 1/2	x	53 1/2	108	x	54
90 50	107 1/4	x	59 1/4	107 3/4	x	59 3/4	107 1/2	x	59 1/2	108	x	60
100 20	119 1/4	x	23 1/4	119 3/4	x	23 3/4	119 1/2	x	23 1/2	120	x	24
100 26	119 1/4	x	29 1/4	119 3/4	x	29 3/4	119 1/2	x	29 1/2	120	x	30
100 30	119 1/4	x	35 1/4	119 3/4	x	35 3/4	119 1/2	x	35 1/2	120	x	36
100 36	119 1/4	x	41 1/4	119 3/4	x	41 3/4	119 1/2	x	41 1/2	120	x	42
100 40	119 1/4	x	47 1/4	119 3/4	x	47 3/4	119 1/2	x	47 1/2	120	x	48
100 46	119 1/4	x	53 1/4	119 3/4	x	53 3/4	119 1/2	x	53 1/2	120	x	54
100 50	119 1/4	x	59 1/4	119 3/4	x	59 3/4	119 1/2	x	59 1/2	120	x	60

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0"

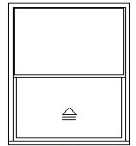


Cascade Windows Single Hung Sizing information

Call Out Size*	Paramount Series - Aluminum and Vinyl						WinPro, Empire and Cascade Series Vinyl					
	Net Frame		Net Frame	Rough Opening		Rough Opening	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height	Width	x	Height	Width	x	Height
16 20	17 1/4	x	23 1/4	17 3/4	x	23 3/4	17 1/2	x	23 1/2	18	x	24
16 26	17 1/4	x	29 1/4	17 3/4	x	29 3/4	17 1/2	x	29 1/2	18	x	30
16 30	17 1/4	x	35 1/4	17 3/4	x	35 3/4	17 1/2	x	35 1/2	18	x	36
16 36	17 1/4	x	41 1/4	17 3/4	x	41 3/4	17 1/2	x	41 1/2	18	x	42
16 40	17 1/4	x	47 1/4	17 3/4	x	47 3/4	17 1/2	x	47 1/2	18	x	48
16 46	17 1/4	x	53 1/4	17 3/4	x	53 3/4	17 1/2	x	53 1/2	18	x	54
16 50	17 1/4	x	59 1/4	17 3/4	x	59 3/4	17 1/2	x	59 1/2	18	x	60
16 56	17 1/4	x	65 1/4	17 3/4	x	65 3/4	17 1/2	x	65 1/2	18	x	66
16 60	17 1/4	x	71 1/4	17 3/4	x	71 3/4	17 1/2	x	71 1/2	18	x	72
16 66	17 1/4	x	77 1/4	17 3/4	x	77 3/4	17 1/2	x	77 1/2	18	x	78
16 70	17 1/4	x	83 1/4	17 3/4	x	83 3/4	17 1/2	x	83 1/2	18	x	84
16 80	17 1/4	x	95 1/4	17 3/4	x	95 3/4	17 1/2	x	95 1/2	18	x	96
20 20	23 1/4	x	23 1/4	23 3/4	x	23 3/4	23 1/2	x	23 1/2	24	x	24
20 26	23 1/4	x	29 1/4	23 3/4	x	29 3/4	23 1/2	x	29 1/2	24	x	30
20 30	23 1/4	x	35 1/4	23 3/4	x	35 3/4	23 1/2	x	35 1/2	24	x	36
20 36	23 1/4	x	41 1/4	23 3/4	x	41 3/4	23 1/2	x	41 1/2	24	x	42
20 40	23 1/4	x	47 1/4	23 3/4	x	47 3/4	23 1/2	x	47 1/2	24	x	48
20 46	23 1/4	x	53 1/4	23 3/4	x	53 3/4	23 1/2	x	53 1/2	24	x	54
20 50	23 1/4	x	59 1/4	23 3/4	x	59 3/4	23 1/2	x	59 1/2	24	x	60
20 56	23 1/4	x	65 1/4	23 3/4	x	65 3/4	23 1/2	x	65 1/2	24	x	66
20 60	23 1/4	x	71 1/4	23 3/4	x	71 3/4	23 1/2	x	71 1/2	24	x	72
20 66	23 1/4	x	77 1/4	23 3/4	x	77 3/4	23 1/2	x	77 1/2	24	x	78
20 70	23 1/4	x	83 1/4	23 3/4	x	83 3/4	23 1/2	x	83 1/2	24	x	84
20 80	23 1/4	x	95 1/4	23 3/4	x	95 3/4	23 1/2	x	95 1/2	24	x	96
26 26	29 1/4	x	29 1/4	29 3/4	x	29 3/4	29 1/2	x	29 1/2	30	x	30
26 30	29 1/4	x	35 1/4	29 3/4	x	35 3/4	29 1/2	x	35 1/2	30	x	36
26 36	29 1/4	x	41 1/4	29 3/4	x	41 3/4	29 1/2	x	41 1/2	30	x	42
26 40	29 1/4	x	47 1/4	29 3/4	x	47 3/4	29 1/2	x	47 1/2	30	x	48
26 46	29 1/4	x	53 1/4	29 3/4	x	53 3/4	29 1/2	x	53 1/2	30	x	54
26 50	29 1/4	x	59 1/4	29 3/4	x	59 3/4	29 1/2	x	59 1/2	30	x	60
26 56	29 1/4	x	65 1/4	29 3/4	x	65 3/4	29 1/2	x	65 1/2	30	x	66
26 60	29 1/4	x	71 1/4	29 3/4	x	71 3/4	29 1/2	x	71 1/2	30	x	72
26 66	29 1/4	x	77 1/4	29 3/4	x	77 3/4	29 1/2	x	77 1/2	30	x	78
26 70	29 1/4	x	83 1/4	29 3/4	x	83 3/4	29 1/2	x	83 1/2	30	x	84
26 80	29 1/4	x	95 1/4	29 3/4	x	95 3/4	29 1/2	x	95 1/2	30	x	96

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0"

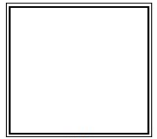


Cascade Windows Single Hung Sizing information (continued)

Call Out Size*	Paramount Series - Aluminum and Vinyl						WinPro, Empire and Cascade Series Vinyl					
	Net Frame		Net Frame	Rough Opening		Rough Opening	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height	Width	x	Height	Width	x	Height
30 30	35 1/4	x	35 1/4	35 3/4	x	35 3/4	35 1/2	x	35 1/2	36	x	36
30 36	35 1/4	x	41 1/4	35 3/4	x	41 3/4	35 1/2	x	41 1/2	36	x	42
30 40	35 1/4	x	47 1/4	35 3/4	x	47 3/4	35 1/2	x	47 1/2	36	x	48
30 46	35 1/4	x	53 1/4	35 3/4	x	53 3/4	35 1/2	x	53 1/2	36	x	54
30 50	35 1/4	x	59 1/4	35 3/4	x	59 3/4	35 1/2	x	59 1/2	36	x	60
30 56	35 1/4	x	65 1/4	35 3/4	x	65 3/4	35 1/2	x	65 1/2	36	x	66
30 60	35 1/4	x	71 1/4	35 3/4	x	71 3/4	35 1/2	x	71 1/2	36	x	72
30 66	35 1/4	x	77 1/4	35 3/4	x	77 3/4	35 1/2	x	77 1/2	36	x	78
30 70	35 1/4	x	83 1/4	35 3/4	x	83 3/4	35 1/2	x	83 1/2	36	x	84
30 80	35 1/4	x	95 1/4	35 3/4	x	95 3/4	35 1/2	x	95 1/2	36	x	96
36 30	41 1/4	x	35 1/4	41 3/4	x	35 3/4	41 1/2	x	35 1/2	42	x	36
36 36	41 1/4	x	41 1/4	41 3/4	x	41 3/4	41 1/2	x	41 1/2	42	x	42
36 40	41 1/4	x	47 1/4	41 3/4	x	47 3/4	41 1/2	x	47 1/2	42	x	48
36 46	41 1/4	x	53 1/4	41 3/4	x	53 3/4	41 1/2	x	53 1/2	42	x	54
36 50	41 1/4	x	59 1/4	41 3/4	x	59 3/4	41 1/2	x	59 1/2	42	x	60
36 56	41 1/4	x	65 1/4	41 3/4	x	65 3/4	41 1/2	x	65 1/2	42	x	66
36 60	41 1/4	x	71 1/4	41 3/4	x	71 3/4	41 1/2	x	71 1/2	42	x	72
36 66	41 1/4	x	77 1/4	41 3/4	x	77 3/4	41 1/2	x	77 1/2	42	x	78
36 70	41 1/4	x	83 1/4	41 3/4	x	83 3/4	41 1/2	x	83 1/2	42	x	84
36 80	41 1/4	x	95 1/4	41 3/4	x	95 3/4	41 1/2	x	95 1/2	42	x	96
40 30	47 1/4	x	35 1/4	47 3/4	x	35 3/4	47 1/2	x	35 1/2	48	x	36
40 36	47 1/4	x	41 1/4	47 3/4	x	41 3/4	47 1/2	x	41 1/2	48	x	42
40 40	47 1/4	x	47 1/4	47 3/4	x	47 3/4	47 1/2	x	47 1/2	48	x	48
40 46	47 1/4	x	53 1/4	47 3/4	x	53 3/4	47 1/2	x	53 1/2	48	x	54
40 50	47 1/4	x	59 1/4	47 3/4	x	59 3/4	47 1/2	x	59 1/2	48	x	60
40 56	47 1/4	x	65 1/4	47 3/4	x	65 3/4	47 1/2	x	65 1/2	48	x	66
40 60	47 1/4	x	71 1/4	47 3/4	x	71 3/4	47 1/2	x	71 1/2	48	x	72
40 66	47 1/4	x	77 1/4	47 3/4	x	77 3/4	47 1/2	x	77 1/2	48	x	78
40 70	47 1/4	x	83 1/4	47 3/4	x	83 3/4	47 1/2	x	83 1/2	48	x	84
40 80	47 1/4	x	95 1/4	47 3/4	x	95 3/4	47 1/2	x	95 1/2	48	x	96

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0"

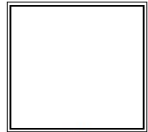


Cascade Windows Picture Window Sizing information

Call Out Size*	Paramount Series - Aluminum and Vinyl						WinPro, Empire and Cascade Series Vinyl					
	Net Frame		Net Frame	Rough Opening		Rough Opening	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height	Width	x	Height	Width	x	Height
10 16	11 1/4	x	17 1/4	11 3/4	x	17 3/4	11 1/2	x	17 1/2	12	x	18
10 20	11 1/4	x	23 1/4	11 3/4	x	23 3/4	11 1/2	x	23 1/2	12	x	24
10 26	11 1/4	x	29 1/4	11 3/4	x	29 3/4	11 1/2	x	29 1/2	12	x	30
10 30	11 1/4	x	35 1/4	11 3/4	x	35 3/4	11 1/2	x	35 1/2	12	x	36
10 36	11 1/4	x	41 1/4	11 3/4	x	41 3/4	11 1/2	x	41 1/2	12	x	42
10 40	11 1/4	x	47 1/4	11 3/4	x	47 3/4	11 1/2	x	47 1/2	12	x	48
10 46	11 1/4	x	53 1/4	11 3/4	x	53 3/4	11 1/2	x	53 1/2	12	x	54
10 50	11 1/4	x	59 1/4	11 3/4	x	59 3/4	11 1/2	x	59 1/2	12	x	60
10 60	11 1/4	x	71 1/4	11 3/4	x	71 3/4	11 1/2	x	71 1/2	12	x	72
20 16	23 1/4	x	17 1/4	23 3/4	x	17 3/4	23 1/2	x	17 1/2	24	x	18
20 20	23 1/4	x	23 1/4	23 3/4	x	23 3/4	23 1/2	x	23 1/2	24	x	24
20 26	23 1/4	x	29 1/4	23 3/4	x	29 3/4	23 1/2	x	29 1/2	24	x	30
20 30	23 1/4	x	35 1/4	23 3/4	x	35 3/4	23 1/2	x	35 1/2	24	x	36
20 36	23 1/4	x	41 1/4	23 3/4	x	41 3/4	23 1/2	x	41 1/2	24	x	42
20 40	23 1/4	x	47 1/4	23 3/4	x	47 3/4	23 1/2	x	47 1/2	24	x	48
20 46	23 1/4	x	53 1/4	23 3/4	x	53 3/4	23 1/2	x	53 1/2	24	x	54
20 50	23 1/4	x	59 1/4	23 3/4	x	59 3/4	23 1/2	x	59 1/2	24	x	60
20 60	23 1/4	x	71 1/4	23 3/4	x	71 3/4	23 1/2	x	71 1/2	24	x	72
30 16	35 1/4	x	17 1/4	35 3/4	x	17 3/4	35 1/2	x	17 1/2	36	x	18
30 20	35 1/4	x	23 1/4	35 3/4	x	23 3/4	35 1/2	x	23 1/2	36	x	24
30 26	35 1/4	x	29 1/4	35 3/4	x	29 3/4	35 1/2	x	29 1/2	36	x	30
30 30	35 1/4	x	35 1/4	35 3/4	x	35 3/4	35 1/2	x	35 1/2	36	x	36
30 36	35 1/4	x	41 1/4	35 3/4	x	41 3/4	35 1/2	x	41 1/2	36	x	42
30 40	35 1/4	x	47 1/4	35 3/4	x	47 3/4	35 1/2	x	47 1/2	36	x	48
30 46	35 1/4	x	53 1/4	35 3/4	x	53 3/4	35 1/2	x	53 1/2	36	x	54
30 50	35 1/4	x	59 1/4	35 3/4	x	59 3/4	35 1/2	x	59 1/2	36	x	60
30 60	35 1/4	x	71 1/4	35 3/4	x	71 3/4	35 1/2	x	71 1/2	36	x	72
40 16	47 1/4	x	17 1/4	47 3/4	x	17 3/4	47 1/2	x	17 1/2	48	x	18
40 20	47 1/4	x	23 1/4	47 3/4	x	23 3/4	47 1/2	x	23 1/2	48	x	24
40 26	47 1/4	x	29 1/4	47 3/4	x	29 3/4	47 1/2	x	29 1/2	48	x	30
40 30	47 1/4	x	35 1/4	47 3/4	x	35 3/4	47 1/2	x	35 1/2	48	x	36
40 36	47 1/4	x	41 1/4	47 3/4	x	41 3/4	47 1/2	x	41 1/2	48	x	42
40 40	47 1/4	x	47 1/4	47 3/4	x	47 3/4	47 1/2	x	47 1/2	48	x	48
40 46	47 1/4	x	53 1/4	47 3/4	x	53 3/4	47 1/2	x	53 1/2	48	x	54
40 50	47 1/4	x	59 1/4	47 3/4	x	59 3/4	47 1/2	x	59 1/2	48	x	60
40 60	47 1/4	x	71 1/4	47 3/4	x	71 3/4	47 1/2	x	71 1/2	48	x	72

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0"



Cascade Windows Picture Window Sizing information (continued)

Call Out Size*	Paramount Series - Aluminum and Vinyl					WinPro, Empire and Cascade Series Vinyl				
	Net Frame		Net Frame	Rough Opening		Net Frame		Rough Opening	Rough Opening	
	Width	x Height	Width	x Height	Width	x Height	Width	x Height	Width	x Height
50 16	59 1/4	x 17 1/4	59 3/4	x 17 3/4	59 1/2	x 17 1/2	60	x 18		
50 20	59 1/4	x 23 1/4	59 3/4	x 23 3/4	59 1/2	x 23 1/2	60	x 24		
50 26	59 1/4	x 29 1/4	59 3/4	x 29 3/4	59 1/2	x 29 1/2	60	x 30		
50 30	59 1/4	x 35 1/4	59 3/4	x 35 3/4	59 1/2	x 35 1/2	60	x 36		
50 36	59 1/4	x 41 1/4	59 3/4	x 41 3/4	59 1/2	x 41 1/2	60	x 42		
50 40	59 1/4	x 47 1/4	59 3/4	x 47 3/4	59 1/2	x 47 1/2	60	x 48		
50 46	59 1/4	x 53 1/4	59 3/4	x 53 3/4	59 1/2	x 53 1/2	60	x 54		
50 50	59 1/4	x 59 1/4	59 3/4	x 59 3/4	59 1/2	x 59 1/2	60	x 60		
50 60	59 1/4	x 71 1/4	59 3/4	x 71 3/4	59 1/2	x 71 1/2	60	x 72		
60 16	71 1/4	x 17 1/4	71 3/4	x 17 3/4	71 1/2	x 17 1/2	72	x 18		
60 20	71 1/4	x 23 1/4	71 3/4	x 23 3/4	71 1/2	x 23 1/2	72	x 24		
60 26	71 1/4	x 29 1/4	71 3/4	x 29 3/4	71 1/2	x 29 1/2	72	x 30		
60 30	71 1/4	x 35 1/4	71 3/4	x 35 3/4	71 1/2	x 35 1/2	72	x 36		
60 36	71 1/4	x 41 1/4	71 3/4	x 41 3/4	71 1/2	x 41 1/2	72	x 42		
60 40	71 1/4	x 47 1/4	71 3/4	x 47 3/4	71 1/2	x 47 1/2	72	x 48		
60 46	71 1/4	x 53 1/4	71 3/4	x 53 3/4	71 1/2	x 53 1/2	72	x 54		
60 50	71 1/4	x 59 1/4	71 3/4	x 59 3/4	71 1/2	x 59 1/2	72	x 60		
60 60	71 1/4	x 71 1/4	71 3/4	x 71 3/4	71 1/2	x 71 1/2	72	x 72		
70 16	83 1/4	x 17 1/4	83 3/4	x 17 3/4	83 1/2	x 17 1/2	84	x 18		
70 20	83 1/4	x 23 1/4	83 3/4	x 23 3/4	83 1/2	x 23 1/2	84	x 24		
70 26	83 1/4	x 29 1/4	83 3/4	x 29 3/4	83 1/2	x 29 1/2	84	x 30		
70 30	83 1/4	x 35 1/4	83 3/4	x 35 3/4	83 1/2	x 35 1/2	84	x 36		
70 36	83 1/4	x 41 1/4	83 3/4	x 41 3/4	83 1/2	x 41 1/2	84	x 42		
70 40	83 1/4	x 47 1/4	83 3/4	x 47 3/4	83 1/2	x 47 1/2	84	x 48		
70 46	83 1/4	x 53 1/4	83 3/4	x 53 3/4	83 1/2	x 53 1/2	84	x 54		
70 50	83 1/4	x 59 1/4	83 3/4	x 59 3/4	83 1/2	x 59 1/2	84	x 60		
80 16	95 1/4	x 17 1/4	95 3/4	x 17 3/4	95 1/2	x 17 1/2	96	x 18		
80 20	95 1/4	x 23 1/4	95 3/4	x 23 3/4	95 1/2	x 23 1/2	96	x 24		
80 26	95 1/4	x 29 1/4	95 3/4	x 29 3/4	95 1/2	x 29 1/2	96	x 30		
80 30	95 1/4	x 35 1/4	95 3/4	x 35 3/4	95 1/2	x 35 1/2	96	x 36		
80 36	95 1/4	x 41 1/4	95 3/4	x 41 3/4	95 1/2	x 41 1/2	96	x 42		
80 40	95 1/4	x 47 1/4	95 3/4	x 47 3/4	95 1/2	x 47 1/2	96	x 48		
80 46	95 1/4	x 53 1/4	95 3/4	x 53 3/4	95 1/2	x 53 1/2	96	x 54		
80 50	95 1/4	x 59 1/4	95 3/4	x 59 3/4	95 1/2	x 59 1/2	96	x 60		
90 20	107 1/4	x 23 1/4	107 3/4	x 23 3/4	107 1/2	x 23 1/2	108	x 24		
90 30	107 1/4	x 35 1/4	107 3/4	x 35 3/4	107 1/2	x 35 1/2	108	x 36		
90 40	107 1/4	x 47 1/4	107 3/4	x 47 3/4	107 1/2	x 47 1/2	108	x 48		
100 20	119 1/4	x 23 1/4	119 3/4	x 23 3/4	119 1/2	x 23 1/2	120	x 24		
100 30	119 1/4	x 35 1/4	119 3/4	x 35 3/4	119 1/2	x 35 1/2	120	x 36		
100 36	119 1/4	x 41 1/4	119 3/4	x 41 3/4	119 1/2	x 41 1/2	120	x 42		
100 40	119 1/4	x 47 1/4	119 3/4	x 47 3/4	119 1/2	x 47 1/2	120	x 48		

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0'



Cascade Windows Vinyl Sliding Patio Door Sizing information (continued)

Call Out Size*	Paramount Series						WinPro, Empire and Cascade Series Vinyl					
	Net Frame		Net Frame	Rough Opening		Rough Opening	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height	Width	x	Height	Width	x	Height
PD2 Vinyl Patio Door - OX / XO												
50 68	59 1/2	x	79 3/4	60	x	80 1/4	59 1/2	x	79 1/2	60	x	80
50 80	59 1/2	x	95 3/4	60	x	96 1/4	59 1/2	x	95 1/2	60	x	96
60 68	71 1/2	x	79 3/4	72	x	80 1/4	71 1/2	x	79 1/2	72	x	80
60 80	71 1/2	x	95 3/4	72	x	96 1/4	71 1/2	x	95 1/2	72	x	96
80 68	95 1/2	x	79 3/4	96	x	80 1/4	95 1/2	x	79 1/2	96	x	80
80 80	95 1/2	x	95 3/4	96	x	96 1/4	95 1/2	x	95 1/2	96	x	96
PD3 Vinyl Patio Door - XO0 / OOX / OXO												
90 68	108	x	79 3/4	108 1/2	x	80 1/4	106 1/8	x	79 1/2	106 5/8	x	80
90 80	108	x	95 3/4	108 1/2	x	96 1/4	106 1/8	x	95 1/2	106 5/8	x	96
120 68	144	x	79 3/4	144 1/2	x	80 1/4	142 1/8	x	79 1/2	142 5/8	x	80
120 80	144	x	95 3/4	144 1/2	x	96 1/4	142 1/8	x	95 1/2	142 5/8	x	96
PD4 Vinyl Patio Door - OXXO												
100 68	117 3/4	x	79 3/4	118 1/4	x	80 1/4	117 7/8	x	79 1/2	118 3/8	x	80
100 80	117 3/4	x	95 3/4	118 1/4	x	96 1/4	117 7/8	x	95 1/2	118 3/8	x	96
120 68	141 3/4	x	79 3/4	142 1/4	x	80 1/4	141 7/8	x	79 1/2	142 3/8	x	80
120 80	141 3/4	x	95 3/4	142 1/4	x	96 1/4	141 7/8	x	95 1/2	142 3/8	x	96
160 68	189 3/4	x	79 3/4	190 1/4	x	80 1/4	189 7/8	x	79 1/2	190 3/8	x	80
160 80	189 3/4	x	95 3/4	190 1/4	x	96 1/4	189 7/8	x	95 1/2	190 3/8	x	96

All Net Frame and Rough Opening dimensions are shown in inches

* Callout sizes represent Foot/Inch x Foot/Inch Nominal dimensions.. i.e. 4040= 4'0" x 4'0"



Cascade Windows Aluminum Sliding Patio Door sizing

Call Out Size*	Paramount Series					
	Net Frame		Net Frame	Rough Opening		Rough Opening
	Width	x	Height	Width	x	Height
PD2 Aluminum Patio Door - OX / XO						
50 68	59 1/2	x	79 3/4	60	x	80 1/4
50 80	59 1/2	x	95 3/4	60	x	96 1/4
60 68	71 1/2	x	79 3/4	72	x	80 1/4
60 80	71 1/2	x	95 3/4	72	x	96 1/4
80 68	95 1/2	x	79 3/4	96	x	80 1/4
80 80	95 1/2	x	95 3/4	96	x	96 1/4
PD3 Aluminum Patio Door - XOO / OOX / OXO						
90 68	107 1/2	x	79 3/4	108	x	80 1/4
90 80	107 1/2	x	95 3/4	108	x	96 1/4
120 68	143 1/2	x	79 3/4	144	x	80 1/4
120 80	143 1/2	x	95 3/4	144	x	96 1/4
PD4 Aluminum Patio Door - OXXO						
100 68	119 1/2	x	79 3/4	120	x	80 1/4
100 80	119 1/2	x	95 3/4	120	x	96 1/4
120 68	143 1/2	x	79 3/4	144	x	80 1/4
120 80	143 1/2	x	95 3/4	144	x	96 1/4
160 68	191 1/2	x	79 3/4	192	x	80 1/4
160 80	191 1/2	x	95 3/4	192	x	96 1/4

All Net Frame and Rough Opening dimensions are shown in inches

Callout sizes represent Foot/inch x Foot/inch nominal dimensions - i.e. 4040= 4'0" x 4'0"