



Canadian Egress

The 2005 National Building Code, “Bedroom Windows”, Article 9.7.1.2 requires “Unobstructed Opening of not less than 380mm (15”) in height and width AND .35m² (3.7674 sq-ft) in area.

Casement 2700/4700 (With Standard Hardware)

Casement 2700/4700 c/w Std. Hardware		
Width	Height	Opening
24 1/8”	41 1/4”	3.776 sq ft
25”	39 1/2”	3.803 sq ft
26”	37 1/2”	3.809 sq ft
27”	35 1/2”	3.786 sq ft
28”	34”	3.801 sq ft
29”	32 1/2”	3.796 sq ft
30”	31”	3.769 sq ft
31”	30”	3.798 sq ft
32”	29”	3.813 sq ft
33”	28”	3.813 sq ft
34”	27”	3.800 sq ft
35”	26”	3.773 sq ft

To determine the Egress calculations for Casements with Standard Hinge hardware, perform the following calculations:

- Frame Width – 9 1/8” (9.125) = Unobstructed view of Width
- Frame Height – 5” = Unobstructed view of Height
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area



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Casement 2700/4700 (With Egress Hardware)

Casement 2700/4700 c/w Egress Hardware		
Width	Height	Opening
24”	37”	3.777 sq ft
25”	36”	3.875 sq ft
26”	35”	3.958 sq ft
27”	34 ”	4.028 sq ft
28”	33”	4.083 sq ft
29”	32”	4.125 sq ft
30”	31”	4.153 sq ft
31”	30”	4.166 sq ft
32”	29”	4.166 sq ft
33”	28”	4.153 sq ft
34”	27”	4.125 sq ft
35”	26”	4.083 sq ft
36”	25”	4.028 sq ft

To determine the Egress calculations for Casements with Acme Egress Hinge hardware, perform the following calculations:

- Frame Width – 7” = Unobstructed view of Width
- Frame Height – 5” = Unobstructed view of Height
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area

Please Note!!!

If operating unit is 25” in width or greater, you MUST indicate on the order via “text note” that unit must meet Egress. This is so the assemblers know to install the correct hinges and split-arm operator which is required for the above chart.

The 2005 National Building Code, "Bedroom Windows", Article 9.7.1.2 requires "Unobstructed Opening of not less than 380mm (15") in height and width AND .35m² (3.7674 sq-ft) in area.

Single-Hung 2400

Single Hung 2400		
Width	Height	Opening
25"	65"	3.77 sq ft
26"	62.5"	3.773 sq ft
27"	60"	3.77 sq ft
28"	58"	3.791 sq ft
29"	56"	3.793 sq ft
30"	54"	3.781 sq ft
31"	52 1/2"	3.799 sq ft
32"	50 3/4"	3.784 sq ft
33"	49 1/2"	3.806 sq ft
34"	48"	3.793 sq ft
35"	46 3/4"	3.796 sq ft
36"	45 1/2"	3.790 sq ft
37"	44 1/4"	3.775 sq ft
38"	43 1/2"	3.781 sq ft
39"	42 1/4"	3.779 sq ft
40"	41 1/4"	3.770 sq ft
41"	40 1/2"	3.786 sq ft
42"	40	3.828 sq ft

To determine the egress calculations for SH2400's, perform the following calculations:

- Frame width - 5.25" = Unobstructed view of Width
- (Frame Height/2) - 5" = Unobstructed view of Height
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area

Please note!!!

- ***The narrowest SH2400 which can be produced for Egress is 20.25" wide. (Adjust height accordingly)***
- ***The shortest SH2400 which can be produced for Egress is 40" tall. (Adjust width accordingly)***

1/3-2/3 Units

- ➡ Multiply Fixed Portion Height x 2 and use this dimension to simulate 1/2-1/2 combination and perform calculation as supplied above.

The 2005 National Building Code, "Bedroom Windows", Article 9.7.1.2 requires "Unobstructed Opening of not less than 380mm (15") in height and width AND .35m² (3.7674 sq-ft) in area.

Single-Hung 4400

Single Hung 4400		
Width	Height	Opening
25.625"	66"	3.776 sq ft
26"	65"	3.776 sq ft
27"	62 1/2"	3.775 sq ft
28"	60 1/2"	3.797 sq ft
29"	58 1/4"	3.784 sq ft
30"	56 1/4"	3.776 sq ft
31"	54 1/2"	3.777 sq ft
32"	53"	3.789 sq ft
33"	51 1/4"	3.790 sq ft
34"	50"	3.780sq ft
35"	48 3/4"	3.786 sq ft
36"	47 1/2"	3.783 sq ft
37"	46 1/4"	3.773 sq ft
38"	45 1/4"	3.779 sq ft
39"	44 1/4"	3.780 sq ft
40"	43 1/4"	3.774sq ft
41"	42 3/8"	3.777 sq ft

To determine the egress calculations for SH4400's, perform the following calculations:

- Frame width – 5 5/8" = Unobstructed view of Width
- (Frame Height/2)-5 13/16" = Unobstructed view of Height
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area

Please note!!!

- ***The narrowest SH4400 which can be produced for Egress is 20 5/8" wide. (Adjust height accordingly)***
- ***The shortest SH4400 which can be produced for Egress is 41 5/8" tall. (Adjust width accordingly)***

Multiple units

- ➔ Frame to Mullion: Unit width – 5" = Unobstructed Width
- ➔ Mullion to Mullion: Unit Width – 4.5" = Unobstructed Width

1/3-2/3 Units

- ➔ Multiply Fixed Portion Height x 2 and use this dimension to simulate 1/2-1/2 combination and perform calculation as supplied above.

The 2005 National Building Code, “Bedroom Windows”, Article 9.7.1.2 requires “Unobstructed Opening of not less than 380mm (15”) in height and width AND .35m² (3.7674 sq-ft) in area.

Single-Slider 4300 / 8300

Single Slider 4300		
Width	Height	Opening
42”	41 ½”	3.783 sq ft
43”	40 ¼”	3.772 sq ft
44”	39 ¼”	3.779 sq ft
45”	38 ¼”	3.780 sq ft
46”	37 ¼”	3.774 sq ft
47”	36 ¾”	3.777 sq ft
48”	35 ½”	3.773sq ft
49”	34 ¾”	3.779 sq ft
50”	32 ¼”	3.797 sq ft
51”	33 ¼”	3.780 sq ft
52”	32 ½”	3.767 sq ft
53”	32”	3.789 sq ft
54”	31 ¼”	3.770 sq ft
55”	30 ¾”	3.784 sq ft
56”	30 ¼”	3.794 sq ft
57”	29 ¾	3.800 sq ft
58”	29 ¼”	3.804 sq ft
59”	28 ¾”	3.803 sq ft
60”	28 ¼”	3.800 sq ft
61”	27 5/8”	3.771 sq ft
62”	27 ¼”	3.782 sq ft
63”	26 ¾”	3.768 sq ft
64”	26 3/8”	3.773 sq ft
65”	26”	3.776 sq ft
66”	25 5/8”	3.776 sq ft
67”	25 ¼”	3.773 sq ft
68”	25”	3.792 sq ft
69”	24 5/8””	3.781 sq ft
70”	24 3/8”	3.800 sq ft
71”	24”	3.788 sq ft
72”	23 ¾”	3.799 sq ft

To determine the egress calculations for SS4300’s, perform the following calculations:

- (Frame width/2)- 5 13/16” = Unobstructed view of Width
- Frame height – 5 5/8” = Unobstructed view of Height
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area

Please note!!!

- ***The narrowest SS4300 which can be produced for Egress is 42” wide. (Adjust height accordingly)***
- ***The shortest SS4300 which can be produced for Egress is 20 5/8” tall. (Adjust width accordingly)***

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Single-Slider 2300

Single Slider 2300		
Width	Height	Opening
42”	40”	3.861sq ft
43”	39”	3.867 sq ft
44”	38”	3.866 sq ft
45”	37”	3.858 sq ft
46”	36”	3.843 sq ft
47”	35”	3.822 sq ft
48”	34”	3.793 sq ft
49”	33 ¼”	3.791 sq ft
50”	32 ½”	3.784 sq ft
51”	31 ¾”	3.772 sq ft
52”	31 ¼”	3.791sq ft
53”	31 ½”	3.919 sq ft
54”	31 ”	3.934 sq ft
55”	30”	3.867 sq ft
56”	29”	3.793 sq ft
57”	28 3/8”	3.773 sq ft
58”	28”	3.791 sq ft
59”	27 ½”	3.785 sq ft
60”	27”	3.770 sq ft
61”	26 5/8”	3.785sq ft
62”	26 ¼”	3.791 sq ft
63”	25 ¾”	3.772 sq ft
64”	25 ½”	3.796 sq ft
65”	25”	3.771 sq ft
66”	24 ¾”	3.791 sq ft
67”	24 ½”	3.809 sq ft
68”	24”	3.776 sq ft
69”	23 ¾”	3.789 sq ft
70”	23 ½”	3.802 sq ft
71”	23 ¼”	3.812sq ft
72”	22 ¾”	3.7674sq ft

To determine the egress calculations for SS2300’s, perform the following calculations:

- $(\text{Frame width}/2) - 5'' = \text{Unobstructed view of Width}$
- $\text{Frame height} - 5.25'' = \text{Unobstructed view of Height}$
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area

Please note!!!

- ***The narrowest SS2300 which can be produced for Egress is 40” wide. (Adjust height accordingly)***
- ***The shortest SS2300 which can be produced for Egress is 20.25” tall. (Adjust width accordingly)***

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Double-Hung 2500

Double Hung 2500		
Width	Height	Opening
27”	62 ½”	3.792 sq ft
28”	60 ½”	3.810 sq ft
29”	58 ½”	3.814 sq ft
30”	56 ½”	3.805 sq ft
31”	54 ½”	3.781 sq ft
32”	52 ¾”	3.767 sq ft
33”	51 ½”	3.789 sq ft
34”	50”	3.777 sq ft
35”	48 ¾”	3.780 sq ft
36”	47”	3.722 sq ft
37”	46 ½”	3.788 sq ft
38”	45 ½”	3.795 sq ft
39”	44 ½”	3.794 sq ft
40”	43 ½”	3.787 sq ft
41”	42 ½”	3.773 sq ft
42”	42”	3.815 sq ft

To determine the egress calculations for DH2500’s, perform the following calculations:

- Frame width- 5 3/8” = Unobstructed view of Width
- (Frame height/2)- 6” = Unobstructed view of Height
- Multiply both totals and divide by 144
- This is your total square footage of unobstructed area

Please note!!!

- ***The narrowest DH2500 which can be produced for Egress is 20 3/8” wide. (Adjust height accordingly)***
- ***The shortest DH2500 which can be produced for Egress is 42” tall. (Adjust width accordingly)***