

Egress Window Formulas

An Egress window must satisfy all four International Residential Code (IRC) Criteria:

- > Minimum width of Opening : 20 inches
- > Minimum height of Opening: 24 inches
- > Minimum Net clear opening: 5.7 sq ft (5.0 sq ft for ground floor)
- > Maximum sill height above floor: 44 inches

Net Opening with Bottom Sash Open

Width

Series

900/950	Width = Window Dimension - 4.6875
920/952	Width = Window Dimension ÷ 2 - 3.6875
1900/1950	Width = Window Dimension - 4.8125
1920/1952	Width = Window Dimension ÷ 2 - 3.8125
1500 Egress	Width = Window Dimension - 7.375
1500 Std Hd	Width = Window Dimension - 11.750

Height

Series

900/950	Height = Window Dimension / 2 - 3.00
920/952	Height = Window Dimension - 4.750
1900/1950	Height = Window Dimension / 2 - 3.000
1920/1952	Height = Window Dimension - 4.750
1500 Egress	Height = Window Dimension - 5.750
1500 Std Hd	Height = Window Dimension - 5.750

Standard Egress Sizes

Clear Opening (inches)

900 Series	Width	Height
3050	30 13/16"	26 3/4"
2850	26 13/16"	26 3/4"

Square Foot Area
5.72 sq ft

4.98 sq ft - Does not meet

920 Series	Width	Height
5032	26 1/16"	32 3/4"
5230	27 1/16"	30 3/4"

Square Foot Area
5.93 sq ft
5.78 sq ft

1900 Series	Width	Height
3050	30 3/4"	26 3/4"
2850	26 3/4"	26 3/4"

Square Foot Area
5.71 sq ft

4.97 sq ft - Does Not Meet

1920 Series	Width	Height
5032	25 15/16"	32 3/4"
5230	26 15/16"	30 3/4"

Square Foot Area
5.90 sq ft
5.75 sq ft

1500 Eg. HrdW	Width	Height
2440	20 1/8"	41 3/4"
2444	20 1/8"	45 3/4"

Square Foot Area
5.835 sq ft
6.394 sq ft

1500 Std HrdW	Width	Height
3040	23 3/4"	41 3/4"
3050	23 3/4"	53 3/4"

Square Foot Area
6.88 sq ft
8.86 sq ft