

Emergency Escape and Rescue Opening/Egress Requirements MSBC Chapter 1309.R310

WINDOW HEIGHT IN INCHES (MINIMUM 24)

WINDOW WIDTH IN INCHES (MINIMUM 20)

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24	3.33	3.50	3.67	3.83	4.00	4.17	4.33	4.50	4.67	4.83	5.00	5.17	5.33	5.50	5.67	5.83	6.00
26	3.61	3.79	3.97	4.15	4.33	4.51	4.69	4.88	5.06	5.24	5.42	5.60	5.78	5.96	6.14	6.32	6.50
28	3.89	4.08	4.28	4.47	4.67	4.86	5.06	5.25	5.44	5.64	5.83	6.03	6.22	6.42	6.61	6.81	7.00
30	4.17	4.38	4.58	4.79	5.00	5.21	5.42	5.63	5.83	6.04	6.25	6.46	6.67	6.88	7.08	7.29	7.50
32	4.44	4.67	4.89	5.11	5.33	5.56	5.78	6.00	6.22	6.44	6.67	6.89	7.11	7.33	7.56	7.78	8.00
34	4.72	4.96	5.19	5.43	5.67	5.90	6.14	6.38	6.61	6.85	7.08	7.32	7.56	7.79	8.03	8.26	8.50
36	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
38	5.28	5.54	5.81	6.07	6.33	6.60	6.86	7.13	7.39	7.65	7.92	8.18	8.44	8.71	8.97	9.24	9.50
40	5.56	5.83	6.11	6.39	6.67	6.94	7.22	7.50	7.78	8.06	8.33	8.61	8.89	9.17	9.44	9.72	10.00
42	5.83	6.13	6.42	6.71	7.00	7.29	7.58	7.88	8.17	8.46	8.75	9.04	9.33	9.63	9.92	10.21	10.50
44	6.11	6.42	6.72	7.03	7.33	7.64	7.94	8.25	8.56	8.86	9.17	9.47	9.78	10.08	10.39	10.69	11.00
46	6.39	6.71	7.03	7.35	7.67	7.99	8.31	8.63	8.94	9.26	9.58	9.90	10.22	10.54	10.86	11.18	11.50
48	6.67	7.00	7.33	7.67	8.00	8.33	8.67	9.00	9.33	9.67	10.00	10.33	10.67	11.00	11.33	11.67	12.00

■ **NON EGRESS**
■ ■ **Grade and Below Grade Egress.**
■ **Above Grade (2nd Floor) Egress ONLY**

R310.1 Emergency escape and rescue required.

Basements , habitable attics , and every sleeping room shall have not less than one operable emergency escape and rescue opening. Where *basements* contain one or more sleeping rooms, an emergency egress and rescue opening shall be required in each sleeping room, but not be required in adjoining areas of the basement. Emergency escape and rescue openings shall open directly into a public way, or to a *yard* or court that opens to a public way.

R310.2.1 Minimum opening area.

All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m²).
Exception: Grade floor openings or below-grade openings shall have a minimum net clear opening of 5 square feet (0.465 m²).

R310.2.2 Window sill height.

Where a window is provided as the emergency escape and rescue opening, it shall have a sill height of not more than 44 inches (1118 mm) above the floor; where the sill height is below *grade*, it shall be provided with a window well in accordance with Section R310.2.3.

R310.2.3 Window wells.

The horizontal area of the window well shall be not less than 9 square feet (0.9 m²), with a horizontal projection and width of not less than 36 inches (914 mm). The area of the window well shall allow the emergency escape and rescue opening to be fully opened.

Exception: The ladder or steps required by Section R310.2.3.1 shall be permitted to encroach not more than 6 inches (152 mm) into the required dimensions of the window well.

R310.3.2.1 Ladder and steps.

Window wells with a vertical depth greater than 44 inches (1118 mm) shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with Section R311.7. Ladders or rungs shall have an inside width of not less than 12 inches (305 mm), shall project not less than 3 inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window well.

R310.4 Bars, grilles, covers and screens.

Where bars, grilles, covers, screens or similar devices are placed over emergency escape and rescue openings, area wells, or window wells, the minimum net clear opening size shall comply with Sections R310.2.1 through R310.2.3, and such devices shall be releasable or removable from the inside without the use of a key, tool, special knowledge or force greater than that required for the normal operation of the escape and rescue opening.