



Building & Safety Division

Community Development
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EMERGENCY EGRESS WINDOWS - 2019 CRC SECTION R310

R310.2.1 Minimum opening area. All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet.

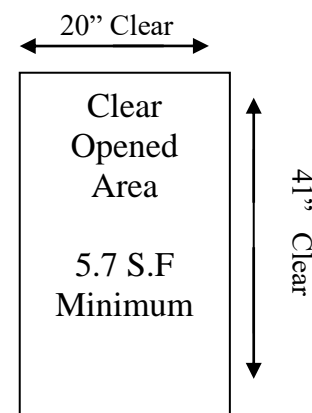
Exception: Grade-floor openings shall have a minimum net clear opening of 5 square feet.

Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches.

Minimum opening height. The minimum net clear opening height shall be 24 inches.

Minimum opening width. The minimum net clear opening width shall be 20 inches.

R310.1.1 Operational constraints. Emergency escape and rescue openings shall be maintained free of any obstructions other than those allowed by this section and shall be operational from the inside of the room without the use of keys, tools or special knowledge.



Minimum size clear opening for 20" opened width

MINIMUM OPENING REQUIREMENTS

- 24" Minimum Clear Height
- 20" Minimum Clear Width
- 5.7 S.F. minimum opened area

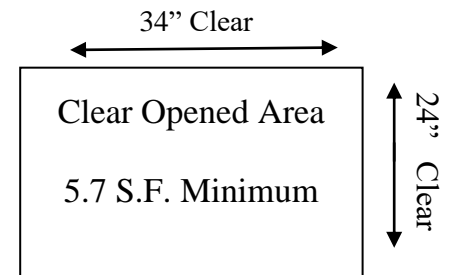
R310.2.2 SILL OPENING HEIGHT

The bottom of the clear opening shall not be greater than 44" above floor

Energy Requirements

2019 CA Energy Code Table 150.1-A

- Windows Maximum U-factor = 0.30
- Doors Maximum U factor = 0.20
- SHGC = NR Climate Zone 5



Minimum size clear opening for 24" opened height

COMMON WINDOW SIZES MEETING MINIMUM EGRESS REQUIREMENTS FOR STANDARD 6-8 HEADER HEIGHT

<u>Slider</u>	<u>Single/Double Hung</u>	<u>Single Casement</u>
4-0 x 4-0	3-0 x 5-0	2-4 x 4-0
5-0 x 3-6	3-0 x 5-6	2-6 x 3-6
6-0 x 3-6	3-4 x 5-0	<u>Double Casement</u>
8-0 x 4-0	3-8 x 5-0	4-8 x 4-0
4-0 x 5-0		

Note: These are general dimensions. It is the Owner's responsibility to verify that the actual windows installed meet the minimum egress requirements.

2019 CRC Section R308 - Safety or Tempered glass will be required for the following locations and other hazardous locations required by CRC Section 308:

- Glazing within 24" of a door and where bottom edge is less than 60" from floor or walking surface or where the glazing on a wall perpendicular to the plane of the door in a closed position and within 24 inches of the hinge side.
- Where the glazing is less than 36" above the plane of the adjacent walking surface and within 36" horizontally from the walking surface of stairways, landings and ramps and within a 60-inch horizontal arc less than 180 degrees from the bottom tread nosing.