

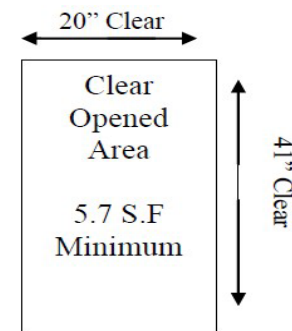


# RESIDENTIAL EMERGENCY ESCAPE & RESCUE WINDOWS

## BUILDING SERVICES DIVISION REQUIREMENTS

The following sections are from the 2022 California Residential Code (CRC):

- **R310.1.1 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.
- **Emergency escape and rescue windows. The bottom of the window clear opening shall not be more than 44 inches above the floor.**
- **R310.1.2 Minimum opening height.** The minimum net clear opening height shall be 24 inches.
- **R310.1.3 Minimum opening width.** The minimum net clear opening width shall be 20 inches.
- **R310.1.4 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

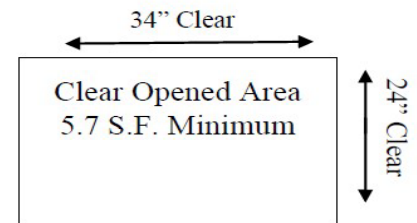
### MINIMUM OPENING REQUIREMENTS

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

Bottom of the window clear opening not greater than 44" above the floor.

### MINIMUM ENERGY REQUIREMENTS

2022 CA Energy Code, max U factor = 0.30,  
 max SHGC (not SGCH) = 0.23, max area  
 20% floor area, max 5% West facing



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.

### **2022 CRC Section R308 - Safety or Tempered glass will be required for the following locations:**

- Glass within 24" of a door and where bottom edge is less than 60" from floor or walking surface.
- Glass adjacent to stairs, landings and ramps within 36" horizontally of walking surface and bottom edge less than 60" to walking surface.