

**Supplement (Code Fixes) to the 6th Edition (2017) Florida Building Code as per
SB 1634**

6th Edition (2017) Florida Building Code, Building

Section 3013 Clearance requirements between elevator doors for elevators inside a private residence.

3013.1 For elevators installed in a private residence:

- (a) – (b) No change
- (c) The distance between the hoistway face of the landing door and the hoistway face of the car door or gate shall conform to one of the following:
1. If a power-operated horizontally sliding hoistway and car doors are used, the measurement between the leading edge of the doors or sight guard, if provided, may not exceed 4 inches. If it is possible for a user to detach or disconnect either door from the operator and such detachment or disconnection allows the user to operate the door manually, the requirement in subparagraph 5. applies.
 2. If swinging hoistway doors and folding car doors are used and both doors are in the fully closed position, the space between the hoistway door and the folding door must reject a 4- inch-diameter sphere at all points.
 3. If swinging hoistway doors and car gates are used, the space between the hoistway door and the car gate must reject a 4-inch-diameter sphere at all points.
 4. If the car doors are powered and arranged so that they cannot be closed until after the hoistway door is closed, and the car doors automatically open when the car is at a landing and the hoistway door is opened, the measurement between the hoistway face of the hoistway door and the hoistway face of the car door at its leading edge may not exceed 4 inches. If it is possible for a user to detach or disconnect either door from the operator and such detachment or disconnection allows the user to operate the door manually, the requirement in subparagraph 5. applies.
 5. If swinging or horizontally sliding hoistway doors and manual horizontally sliding car doors are used and both doors are in the fully closed position, the space between the swinging or horizontally sliding hoistway door and the manual horizontally sliding car doors must reject a 4-inch-diameter sphere at all points.

Exception: As an alternative to compliance with section 3013.1© 2-5, a permanent installation of a nonremovable, hoistway door space guard is allowed. The door space guard must be designed and installed to withstand a force of 75 pounds applied horizontally using a 4-inch-diameter sphere at any location within the folds on the car door without permanent deformation.

(SB 1634)

3013.2 ~~The underside of the platform of an elevator car shall be equipped with a device that, if the platform of the elevator car is obstructed anywhere on its underside in its downward travel, interrupts the electric power to the driving machine motor and brake, if provided, and stops the elevator car's downward motion within 2 inches. The stroke of the device may not be less than the stopping distance of the platform of the elevator car. The force required to operate the device may not exceed 15 pounds. Downward motion shall be permitted to resume only after the elevator has been manually reset.~~ During normal operation, the elevator controller must monitor the closed and locked contacts of the hoistway door locking device, whether electrical or mechanical. If the closed and locked contacts of the landing locks are open while the car is not in the unlocking zone for the hoistway door locking device, the elevator controller must interrupt power to the motor and brake and must not allow the elevator car to restart until the owner or the owner's agent, with a master elevator key, has checked for obstructions above and below the elevator car, returned the hoistway door locking device contacts to the normal operating position, and manually reset the elevator controller with the master elevator key. Additionally, a visual indicator must be visible at all landings until the hoistway door locking device has been returned to the normal operating position and the elevator controller has been manually reset.

(SB 1634)

6th Edition (2017) Florida Building Code, Residential

R321.4 Clearance requirements between elevator doors for elevators inside a private residence.

R321.4.1 For elevators installed in a private residence:

- (a) – (b) No change
- (c) The distance between the hoistway face of the landing door and the hoistway face of the car door or gate shall conform to one of the following:
 1. If a power-operated horizontally sliding hoistway and car doors are used, the measurement between the leading edge of the doors or sight guard, if provided, may not exceed 4 inches. If it is possible for a user to detach or disconnect either door from the operator and such detachment or disconnection allows the user to operate the door manually, the requirement in subparagraph 5. applies.

2. If swinging hoistway doors and folding car doors are used and both doors are in the fully closed position, the space between the hoistway door and the folding door must reject a 4- inch-diameter sphere at all points.

3. If swinging hoistway doors and car gates are used, the space between the hoistway door and the car gate must reject a 4-inch-diameter sphere at all points.

4. If the car doors are powered and arranged so that they cannot be closed until after the hoistway door is closed, and the car doors automatically open when the car is at a landing and the hoistway door is opened, the measurement between the hoistway face of the hoistway door and the hoistway face of the car door at its leading edge may not exceed 4 inches. If it is possible for a user to detach or disconnect either door from the operator and such detachment or disconnection allows the user to operate the door manually, the requirement in subparagraph 5. applies.

5. If swinging or horizontally sliding hoistway doors and manual horizontally sliding car doors are used and both doors are in the fully closed position, the space between the swinging or horizontally sliding hoistway door and the manual horizontally sliding car doors must reject a 4-inch-diameter sphere at all points.

Exception: As an alternative to compliance with section R321.4.1© 2-5, a permanent installation of a nonremovable, hoistway door space guard is allowed. The door space guard must be designed and installed to withstand a force of 75 pounds applied horizontally using a 4-inch-diameter sphere at any location within the folds on the car door without permanent deformation.

(SB 1634)

~~**R321.4.2** The underside of the platform of an elevator car shall be equipped with a device that, if the platform of the elevator car is obstructed anywhere on its underside in its downward travel, interrupts the electric power to the driving machine motor and brake, if provided, and stops the elevator car's downward motion within 2 inches. The stroke of the device may not be less than the stopping distance of the platform of the elevator car. The force required to operate the device may not exceed 15 pounds. Downward motion shall be permitted to resume only after the elevator has been manually reset.~~ During normal operation, the elevator controller must monitor the closed and locked contacts of the hoistway door locking device, whether electrical or mechanical. If the closed and locked contacts of the landing locks are open while the car is not in the unlocking zone for the hoistway door locking device, the elevator controller must interrupt power to the motor and brake and must not allow the elevator car to restart until the owner or the owner's agent, with a master elevator key, has checked for obstructions above and below the elevator car, returned the hoistway door locking device contacts to the normal operating position, and manually reset the elevator controller with the master elevator key.

Additionally, a visual indicator must be visible at all landings until the hoistway door locking device has been returned to the normal operating position and the elevator controller has been manually reset.

(SB 1634)