

Daily Safety Check - Folding Doors

For Your Customer Safety and Your Own Protection
Perform This Safety Check Daily on each Automatic Folding Door

Activation and Safety

1. Sensors - Walk to the door at a normal to moderate pace. The door should start opening when you are about four feet from the door. The door should fold open smoothly and stop without impact. The sensor pattern should activate the door no more than 5" from door or, no less than 43" from door, and be almost as wide as the door opening 30" from door. The sensor should be able to detect objects 28" tall. Upon stepping out of the sensor pattern the door should not start to close in less than 1.5 seconds.
2. Mats - Step on the opening mat. The door should fold open smoothly and stop without impact. If the door is for 2-way traffic (IN and OUT), then mat activation from fold side should occur at least 48" from the end of the fold panel when open and 43" from the door on the non fold side. Walk test the mats by standing at several locations to be sure there are no in-appropriate dead spots.
3. Step through the door onto the "safety" mat or into safety area remain motionless for 4 seconds. The door should remain open. Repeat at several locations in the safety area. The safety area should extend a full 5" beyond the leading edge of the folding door in the fully open position. The mat or safety pattern should be no less wide than the clear door opening minus 5" on each side when open and minus 5" on each side of the door opening when closed. If a sensor is used for activation and a mat for safety, the active area of the mat shall extend 5" into the approach area of the door measured from door face OR, the door opening area shall be equipped with an auxiliary safety device which shall be used to prevent a fully open door from closing when a person is in the space between the two non overlapping activation/safety detection areas OR, door closing cycle shall have a 4 second delay after activating area is cleared.
4. Step out of safety area. The door should remain open for at least 1.5 seconds. The door should then close and stop without impact. The door should close slowly to 2" from fully closed, then noticeably slow down and take at least 1.5 seconds for the final 12".
5. Approach the safety side of the door first and then have someone else approach the activating side of the door, as long as you are in safety area of the door it should not open.
CAUTION: IF THE SAFETY SENSOR IS NOT WORKING, DOOR MAY OPEN TOWARDS YOU WITHOUT STOPPING.

Door Hardware

1. Check all door panels for damage. Make sure all covers are properly secured. There should be no looseness in the door pivots or in the connections between door and operator.

2. Check the mat molding and threshold. It should be complete and secured with all screws tightened.
3. Check that guide rails or other barriers or separators are present (one per folding door side equal to door width minimum) and firmly anchored.
4. Check all door panels for broken or cracked glass
5. Check that the fingerguard, if there is one, is secure and in good repair.
6. If the door is for one-way traffic an *Arrow* sign will be visible from the approach side and a *Do Not Enter* sign on the other side, an *Automatic Door* sign will be visible from both sides. If the door is for two-way traffic, it should have a *Arrow* sign on the non-fold side and a *Automatic Door* sign on both sides. Each of these signs should be 58" plus or minus 5" from the floor.

General Area

1. There should be no bulletin boards, literature racks, merchandise displays, or other attractions in the door area where people could be hit by the door.
2. Check the door area for tripping or slipping hazards.

If you have questions about any of the above items, please ask our service representative.

Safety devices for all doors should be checked by an AAADM certified inspector at least annually. ***If you have a problem you cannot correct, turn off the door and call dormakaba at 877-837-3667.***