

# Code Compliant Book-fold Collapsing of Revolving Door Wings

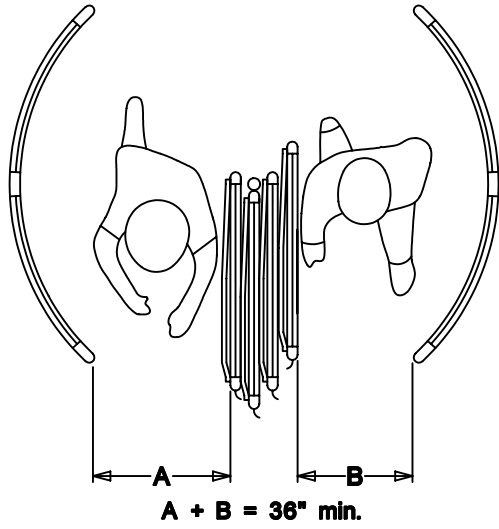


Figure A.  
Four Wing Door

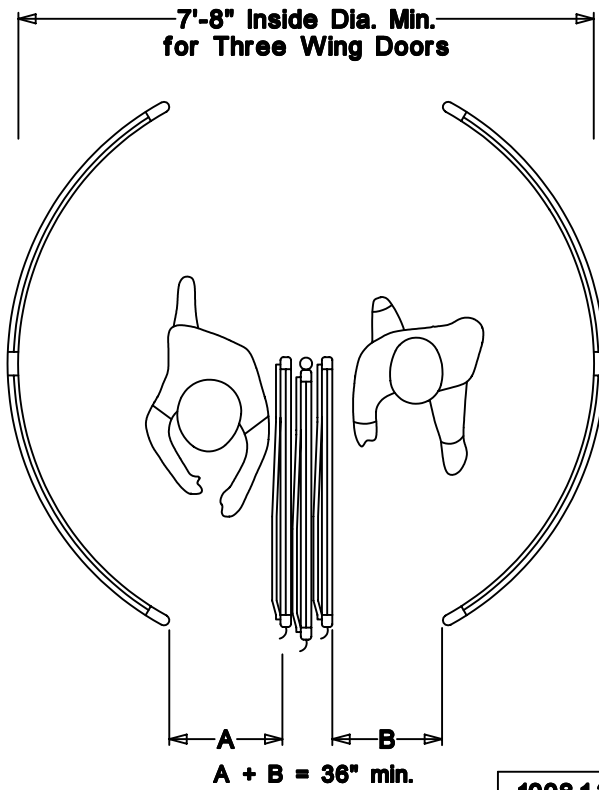


Figure B.  
Three Wing Door

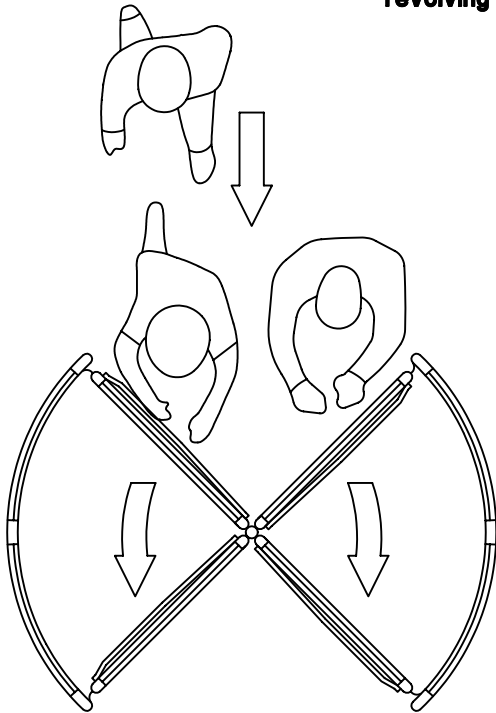
**1008.13.1 Revolving doors.**  
Revolving doors shall comply with the following:  
1. Each revolving door shall be capable of collapsing into a bookfold position with parallel egress paths providing an aggregate width of 36 inches (914 mm).

# Why Some Revolving Doors of European and Chinese Design do not Meet Building Codes in the USA.



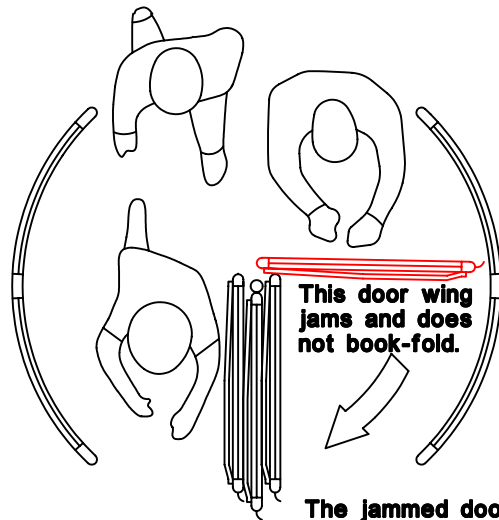
\* November 28, 1942. 492 people died in a fire at the Coconut Grove Night Club in Boston, MA. Many died because the revolving door was jammed with bodies.

Figure 1.



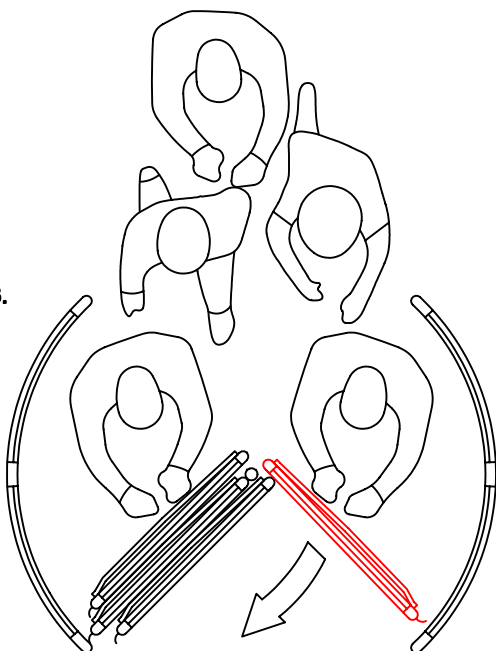
During a panic, if the revolving door is in this ( X ) position.....

Figure 2.



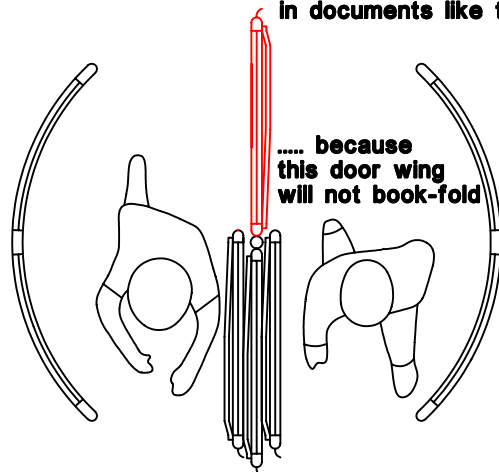
The jammed door wing causes the door to rotate .....

Figure 3.



The door can be rotated to an unsafe position which causes pedestrians to be trapped. Book-fold collapsing is required by all major building codes.\*

Figure 4.



Some manufactures that do not have book-fold break-away, deceptively illustrate emergency egress in documents like this .....

..... because this door wing will not book-fold