

**ANSI/BHMA A156.10-1999  
American National Standard for Power Operated Pedestrian Doors**

Standard ANSI/BHMA A156.10-1999 establishes requirements for power operated pedestrian doors, which open automatically when approached by pedestrians, some small vehicular traffic or by a knowing act. It includes general information, definitions, required dimensions and provisions to reduce the chance of user injury or entrapment.

Note: This standard does not apply to power assist and low energy power operated doors. For those, refer to ANSI/BHMA A156.19.

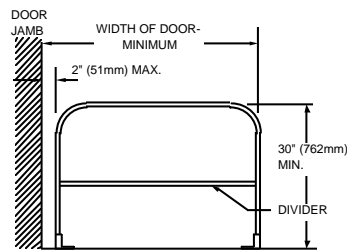
Tests and required performance levels in this standard include:

- Control Mat Performance
- Break Away Egress
- Salt Spray

The following are partial descriptions of test values. Please see the complete standard for additional tests:

Entrapment Protection	The force required to prevent a stopped power operated swinging door from moving in the direction of closing shall not exceed a 40 lbf (180 N) applied 1 inch (25 mm) from the lock edge of the door at any point in the closing cycle.
Sensors	Motion sensors shall detect a 28 inch (710 mm) minimum high person or equivalent and moving at a rate of 6 inches (150 mm) per second minimum toward the center of the door within the detection areas described. Presence sensors shall detect a stationary 28 inch (710 mm) minimum high person or equivalent within the detection areas described.
Signage	All swinging, sliding and folding doors shall be equipped with signage visible from both sides reading, "AUTOMATIC DOOR" with letters 1/2 inch (12.7 mm) high minimum. The sign described in 11.2.3 shall be permitted to be used to satisfy this requirement.

Sample Illustration:



**GUIDERAIL ELEVATIONS.**

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Note: This document is not to be used as a substitute for the standard. Users should refer to the entire standard for complete requirements and details. For further information go to [www.buildershardware.com](http://www.buildershardware.com).