

Concave Pedestrian Doors

The Concave man door system consists of a spring assisted swing door mounted in a metal frame. The door rotates around its central axis, traveling approximately 180°. Allows for personal access through areas with high wind loads and differential pressure. A torsion spring closing assembly ensures door closure at all times. These doors can be custom fabricated to any height/width combinations.

Operational and design features and specifications:

- 8" "C" channel outer frame is sturdy and easy to install.
- Standard size: Free and Clear 25" x 83.25", frame is 52.2" x 87.75"
- A larger custom size we offer is Free and Clear 33" x 83", frame is 63.875" x 88.875"
- Doors can be ordered left hand or right hand.
- Door skins are 1/8" HRS
- Doors rotate on 1" dia. Pin and self-aligning roller bearings
- Torsion spring assembly keeps doors closed under high pressure differentials.
- Observation windows can be installed
- Neoprene seal used at closing angle to reduce leakage.
- Doors can be custom fabricated to any height/width combination
- Doors are painted safety yellow with 2-part epoxy paint.
- AMD will engineer and design any size concave door to fit your needs!

