

AMD Airlock Chamber (Box Style)

Typically used in areas of the mine with high water gauge pressures. AMD Airlock Chambers (box) are installed into the bulkhead to allow safe passage of pedestrians.

Each tunnel chamber consists of two sliding doors, mounted on opposite sides of the chamber (one door entry, one door exit). Sliding doors are set at a 3° pitch, using gravity to ensure doors are always in the closed position.

Operational and design features and specifications:

- Standard size: 84" W x 84" H x 72" D.
- Chambers consists of four walls, one top & one bottom.
- Due to size, tunnels are typically segmented into two separate places and bolted together at install site.
- Structural tubing frame with 12GA skins on all sides. Skin are stitch welded or fully welded dependent upon customer needs.
- Windows are installed on both sliding doors
- AMD can design and fabricate any size Airlock Chamber desired.
- Lifting hooks welded to top of chamber.
- Chambers are painted with safety yellow with 2-part epoxy paint.