

DAS-CD-10-EU



DAB-24 Environmental Fuel Hydrant - Pit Assembly



DAB-24WP-ENV-FHAB - Fiberglass pit



DAB-24WP-ENV-S-FHAB - Steel pit c/w composite door



*DAB-24WP-ENV-FHAB (fiberglass)
Showing cut-away section*

GENERAL DESCRIPTION

The DAB-24 Environmental Fuel Hydrant Pit Assembly provides a complete waterproof solution for fuel hydrant valves in the commercial airport sector. The Pit Assemblies are designed to fit all approved fuel hydrant types and guarantees a cleaner operating environment by eliminating dirt and debris. The aircraft load-rated HD8 hinged waterproof cover door can be easily lifted with one hand and provides 457mm/18in diameter clear access.

The door can be constructed in Cast Aluminum (Grade A356.2, 14kg/30.86lbs effective lift weight) or Fiber-glass Acrylic Resin Composite (8kg effective lift weight). On request the door cover can also be constructed in fabricated steel (Grade 43a) which can be painted to customer specifications

BENEFITS

- White pigmented GRP with internal gel-coat finish (non-toxic, non-galvanic, non-sparking) ensures maximum reflection of light facilitating maintenance and cleaning inside the Pit Assembly. (On request the pit can also be constructed in fabricated steel (Grade 34A) which can be coated to customer specification).
- Pit Assembly can be supplied with both bottom and side entry fuel riser options.
- Innovative design feature allows easy replacement of ultra-high level (100mm/4in below apron) bellows seal, which is protected by aluminium cover assembly. The seal holds 3m+ head of water (4.8psi) without adhesive or mechanical fixings.
- Improved safety as Pit Assembly absorbs axial and lateral ground movement, providing early warning of permanent apron shift.
- Easier Pit Assembly location and identification due to a special abrasion, corrosion and chemical resistant color-coded cover service inserts.
- Enhanced operational security thanks to specifically designed orange safety cover panels which alert personnel to open covers.
- Pit Assembly features a large liquid containment and maintenance access area.
- DAB 24 Pit assemblies are normally supplied unassembled for site assembly complete with optional site installation kits to ensure centralisation of the riser inlet flange and to establish the correct inlet flange to apron dimension. However the pits can be supplied fully factory assembled, complete with site installation kit, for optimum site installation.

OTHER CAVOTEC DABICO PRODUCTS

- Commercial Fuel Hydrant Pit Assembly
- Military Fuel Hydrant Pit Assembly
- Low Point Drain Pit Assembly
- Surge Suppressor Pit Assembly
- Isolation Valve Pit Assembly
- Rolling Covers
- Rolling Cover Pit Assembly
- Off-Apron Pit Assembly
- Test Well Pit Assembly
- Leak Detection Pit Assembly



TECHNICAL DRAWING

