

PRG002AKH Purge-Air System FUEL TANK ENTRY KIT

The Purge-Air PRG002AKH unit is designed to be a complete solution for fuel tank entry. All kit is accommodated within the confines of a standard AKH (LD3-45) ULD, these being:-

Base: 1.56 X 1.53 M - (61.5 X 60.4 inch)
Height: 1.11 M – (44 inch)
Top Width: 2.43 M – (96 inch)
Gross Weight: 730 kg – (1609lbs)



The custom built AKH container is fitted with:-

- Four metal top hinged solid doors that form a pyramid above the container when in the open position.
- Warning decals on inside of doors that are visible when unit is in operation.
- Four retractable castors for hanger use.
- Tow strap handles on each vertical corner.
- Document holder.
- Internal storage drawers and tie-down points.

The container incorporates custom stowage for the following equipment, all or any of which can be incorporated on request:-

- Open Fuel Tanks Safety Signs.
- Reel Mounted Ground Bonding Cables.

- Breathing Air Filter Unit (To Supply Four Persons).
- Breathing Air Back Up Cylinders & Control Circuit (To Supply Four Persons).
- BA Bottle Charging Compressor (Electric Powered, Supplied to Suit Local Conditions).
- BA Air Distribution Hose Reels, (Primary Supply & Emergency Backup Supply).
- Compressed Air Breathing Apparatus (Demand Valve & Face Masks for Four Persons).
- Breathing Air Analysis Kit (Low & High pressure).

- Residual Fuel Vacuum Pump (High Volume, Pneumatic Powered).
- Residual Fuel Jet-Vac Pump (Small Volume c/w Holding Tank, Pneumatic Powered).
- Aircraft Fuel Tank Drain Adaptor.
- Fuel Puddle Suction Device.
- Two Fuel Hoses.

- Large Volume Air Mover (Pneumatic Powered).
- Medium Volume Air Mover (Pneumatic Powered).
- Aircraft Fuel Tank Access Panel Adaptors (To Interface With Air Mover Flexible Ducting).
- Air Mover Flexible Ducting.
- Compressed Air Supply & Delivery Hoses Mounted on Self-Recoiling Reels.
- Purge-Air Compressed Air Distribution Manifold & Pressure Control System.
- Safety Personnel Recovery Airbags, Hose & Regulator.
- Intrinsically Safe Lighting and Voice Communications Kits.
- Gas Detectors.
- First Aid Kit.

The Purge Air system needs to be fed with compressed air for it to operate, this may be provided from a hanger airline or a portable compressor, having the ability to provide 7 bar pressure at 200 SCFM. Single phase electrical supply required.

Comprehensive training course on the use and care of the Purge-Air System included.

(Issue 4)

PRG002AKH PURGE-AIR SYSTEM



Left Hand Compartment



Right Hand Compartment



Front Compartment



Rear Compartment