Manufacturer of High Pressure Breathing Air & Oxygen Systems
Made in the USA Compressors, Class 2 Containments, Air Panels & Air Storage

AVIATION OXYGEN CYLINDER #B45521-1 DUAL FILL STATION
HPE4750-2-O-AV,
Maximum Fill Pressure 1,850 PSI

The **HPE4750-2-O-AV** station mount cylinder fill enclosure fills one or two cylinders at a time. The enclosure provides increased safety during the fill process, only operating when the door is closed and locked. The **HPE4750-2-O-AV** is designed to contain the destructive force of an accidental cylinder failure or hose rupture, while allowing the energy blast to be vented away from the operator.

Construction:

- Exterior Cabinet Contains ¼" Steel Plate On All Four Sides
- Drawer Contains ½" Steel Plate Construction & ¼" Steel on Three Sides of the Cabinet, Result is ½" Steel On All Four Sides
- Fabricated By ISO 90002 Company, Laser Cut, & Certified Welded
- 6 mil Zinc-Rich Primer & Powder Coat
- Vented Through Rear Bottom of Cabinet
- All Control Components Located in the Top-Mounted Fill Panel
- All Components are Brass or Stainless and Oxygen Cleaned

Standard Features

- Teflon Slides To Protect Cylinder from Scuffing
- (1) Connection for Cascade System
- (2) Oxygen Clean Fill Hoses w/Medical Yoke & Bleed Valve
- (2) Panel Valves to Control Fill Process
- (2) Fill Gauges to Monitor Fill Process
- Flow Fuse to keep fill rate at 300psi/min
- Relief Valve set at 10% above your fill pressure of 1850 psi
- 90˚ Door Opening to Horizontal

Safety Features:

- Carriage Tilt Design Minimizing Operator Fatigue
- Safety Interlock Control System Preventing Operation Unless the Front Access Door is Completely Closed and Locked in Place

Dimensions: 33.5"W x 56"D x 49.75"H, Approx. 800lbs.

OXYGEN CLEANING

Hypres Equipment oxygen cleaning process follows the recommended practices for oxygen cleaning, published in the **Compressed Gas Association document, CGA G-4.1 and American Society for Testing and Materials document, ASTM G 127.**

Hypres Equipment oxygen cleaning procedure follows the recommendations published in the **American Society for Testing and Materials document, ASTM G 88 and ASTM pamphlet, Design Strategies for Polymer – Lined Flex Hose Distance / Volume Pieces**.

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