PORTABLE OXYGEN UNITS

803240 Series portable oxygen unit. COMPLIES WITH FAR 121.574, WHERE APPLICABLE. The Avox 803240 series portable oxygen unit provides a safe, convenient way to administer oxygen to passengers on commercial air carriers or air ambulance flights. Two constant flow outlets provide a choice of 2 lpm or 4 lpm NTPD flow of aviator’s breathing oxygen. Stored conveniently in a sturdy ABS plastic case are two masks with 84” hoses and quick disconnect fittings, plus a 38.4 cubic foot (1086 liter) steel cylinder or a 40 cubic foot (1132 liter) composite cylinder. The full opening door provides access to control knobs and instructions, and the cylinder removes easily for recharging.

Outstanding features:

• Due to “portable” designation, aircraft weight and balance factors are not affected
• 6.5 hours duration at 2 lpm flow — 3.5 hours at 4 lpm
• Weight of unit with steel cylinder is 26 lbs. (11.8 kg). With composite cylinder, 20 lbs. (9.29 kg)
• Handsome ABS plastic carrying case in textured green

Specifications

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<th>Part No.</th>
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<tr>
<td>803240-04</td>
<td>Case (green)</td>
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<td>803240-05</td>
<td>Mask assembly</td>
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<tr>
<td>803240-06</td>
<td>Cylinder/regulator (steel) -05 only</td>
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</tbody>
</table>

Part No. 803240-02
- Charge Pressure: 1850 PSIG at 70˚F (12.75 MPa at 21˚C)
- Capacity: 40 cu. ft. (1132 liters)
- Color: Spruce green

Part No. 803240-03
- Charge Pressure: 1800 PSIG at 70˚F (12.41 MPa at 21˚C)
- Capacity: 38.4 cu. ft. (1086 liters)
- Color: Spruce green

Part No. 803240-04
- Charge Pressure: 1850 PSIG at 70˚F (12.75 MPa at 21˚C)
- Capacity: 40 cu. ft. (1132 liters)
- Color: Spruce green

Part No. 803240-05
- Charge Pressure: 1850 PSIG at 70˚F (12.75 MPa at 21˚C)
- Capacity: 38.4 cu. ft. (1086 liters)
- Color: Spruce green

Part No. | Replacement Part                      | Charge Pressure with Oxygen per MIL-PRF-27210 | Capacity | Color     |
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<tr>
<td>5500Q6X-BF10A</td>
<td>Cylinder/regulator (steel) -03 only</td>
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<tr>
<td>803342-01</td>
<td>Cylinder/regulator (composite) -02, -04 only</td>
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<tr>
<td>803269-01</td>
<td>Case (green)</td>
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<tr>
<td>803675-01</td>
<td>Mask assembly</td>
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<tr>
<td>803240-05</td>
<td>Cylinder/regulator (steel) -05 only</td>
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</table>

Specifications

- Portable Type: Gaseous aviators breathing oxygen per MIL-PRF-27210, Type 1
- Cylinder Capacity: Steel 38.4 cu. ft. (1086 liters) @ 1800 psi
  Composite 40 cu. ft. (1132 liters) @ 1850 psi
- Cylinder Type: DOT3AA1800 (Steel)
  DOT-E8162 1850 (Composite)
- Duration: 6.5 hr. @ 2 lpm @ 1850 PSIG
  3.5 hr. @ 4 lpm @ 1850 PSIG
- Outlets: One 2 lpm; One 4 lpm
- Masks: Two (2) adult size Hudson-type for medical use, stored in case
- Regulator: Brass body; incorporates latest in safety features
- Case: Green textured ABS plastic meets self-extinguishing requirement of FAR25.853; side mounted carrying handle
- Exterior Dimensions: 25 1/2" long x 7 1/16" wide x 7 3/8" high (648.175 mm x 201.612 mm x 187.62 mm)
- Weight: 26 lbs. max (11.8 kg max.) steel
  20 lbs. max (9.29 kg max.) composite
- Operating Instructions: Door-mounted, easy to read
- Refill Adapter: Standard airline-type, Avox part no. 5020-1 (optional accessory)