MODS is a portable, large-volume, supply and distribution system designed to provide life-saving oxygen to mass-incident, multi-patient injury sites.

Features
- Converts liquid oxygen (LOX) from internal 75 liter on-board LOX tank (approximately equal to 12 H-Cylinders) or external VGL's (300 psig.) to patient useable gas in seconds.
- On-board LOX provides 64,000 gaseous liters of oxygen for up to 70 patients for over 2 hours. Delivery performance at 450 LPM for a variety of clinical applications.
- Clinician friendly set-up and connections to Medlox Patient Distribution Kit (PDK).
- Durable aerospace grade aluminum construction to withstand extreme environments during emergency situations.
- Solid rubber tires for rough, uneven surfaces.
- Audible and visual alarm package allows clinician to safely monitor pressure, temperature, and quantity of 75 liter on-board LOX.
- Emergency manual shut-off valve.
- Certified to D.O.T. 4L for safe LOX transport.
- Optional trailer available for transporting MODS, Ped, etc. to remote locations.
- No external power source required.
- Operational without A/C or battery power.
## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>LOX Capacity (Nominal)</strong></td>
<td>75 Liters</td>
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<tr>
<td><strong>Delivery Rate / Durations</strong></td>
<td>450 LPM at ± 30 PSIG of continuous oxygen flow to multiple patients. Runs continuously with 2 alternating VGL's (Commercial LOX storage tanks) connected</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td>54&quot; H x 30&quot; W x 60&quot; L</td>
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<tr>
<td><strong>Weight</strong></td>
<td>550 lbs. max (full) / 360 lbs. Nominal (empty)</td>
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| **Temperatures**                  | Operating 32°F to 130°F (0°C to 49°C)  
Delivery +10/-20°F of ambient temp.  
Non-operating/Storage -30°F to 145°F  
(-34°C to 70°C) Store Inside |
| **Humidity**                      | Operating up to 95% |
| **Outlet Pressure**               | 200 PSIG nominal |
| **Relief Valve Settings**         | System 330-380 PSIG  
Safety 380-430 PSIG |
| **Optimal Time to Performance**   | 30 Minutes |
| **Alarm Warnings**                | Low Quantity (onboard tank) Approx. 10%  
Low Temperature (caution) Approx. 0°F  
Low Temperature (warning) Approx. -20°F  
Low Pressure Approx. 100 PSI |
| **Battery**                       | Six (6) 1.5V Alkaline C-Size (for warning system) |