

# CARLETON

## B47300-1

### PHANTOM™ Parachutist Oxygen Mask/Regulator



- **Improved comfort**
- **High performance diluter-demand regulator**
- **Low maintenance**
- **Integral communications**
- **Universal compatibility**

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#### **Application:**

The Carleton PHANTOM Mask and Regulator Assembly (part number B47300-1) represents the next generation in parachutist oxygen equipment. When combined with the PHANTOM 3,000 psig jump bottle assembly, the new system is a breakthrough in comfort and performance.

#### **Features:**

The PHANTOM Mask and Regulator Assembly combines the latest GENTEX parachutist oxygen mask (PM HALO/HAHO) with a high performance Carleton miniature oxygen regulator. The PHANTOM system is much more comfortable and provides significantly improved performance over existing systems.

The GENTEX mask includes a high flow, non-compensated exhalation valve along with an integral anti-suffocation valve to protect the user in the event of oxygen supply depletion. The Carleton miniature regulator installs directly into the standard inlet port of the GENTEX mask. The universal compatibility of Carleton's equipment eliminates the cost and logistics problems that would typically come with the development of a custom mask. The regulator can be installed or removed in under 30 seconds, which lends itself to improved maintainability and reliability.

# SPECIFICATIONS

## PHANTOM™ Mask/Regulator Part Number: B47300-1



### *Specifications:*

<b>Medium</b>	Oxygen
<b>Inlet Pressure Range</b>	40 to 80 psig (2.8 to 5.5 barg)
<b>Flow/Suction</b>	Up to 150 SLPM at suctions less than 2.0 in. H <sub>2</sub> O
<b>Exhalation Resistance</b>	Less than 2.0 in. H <sub>2</sub> O at 150 SLPM
<b>Weight</b>	0.75 lb (0.34 kg) max
<b>Anti-Suffocation Feature</b>	6.0 ± 0.5 in. H <sub>2</sub> O cracking pressure

### *Operating Environment:*

<b>Temperature</b>	-65 to 120 deg F (-54 to 49 deg C)
<b>Humidity</b>	0 to 100%, Non-condensing
<b>Altitude</b>	35,000 ft ceiling (10,668 m)