

CARLETON

B47310-1

PHANTOM™ 3,000 psig Jump Bottle System



- **Lightweight**
- **3,000 psig fill pressure**
- **45% more oxygen**
- **Oxygen safe monel pressure reducer**
- **Universal compatibility**

Application:

The Carleton PHANTOM Jump Bottle System (part number B47310-1) represents the next generation in parachutist oxygen equipment. When combined with the new PHANTOM mask and regulator assembly, the new system is a breakthrough in comfort and performance.

Features:

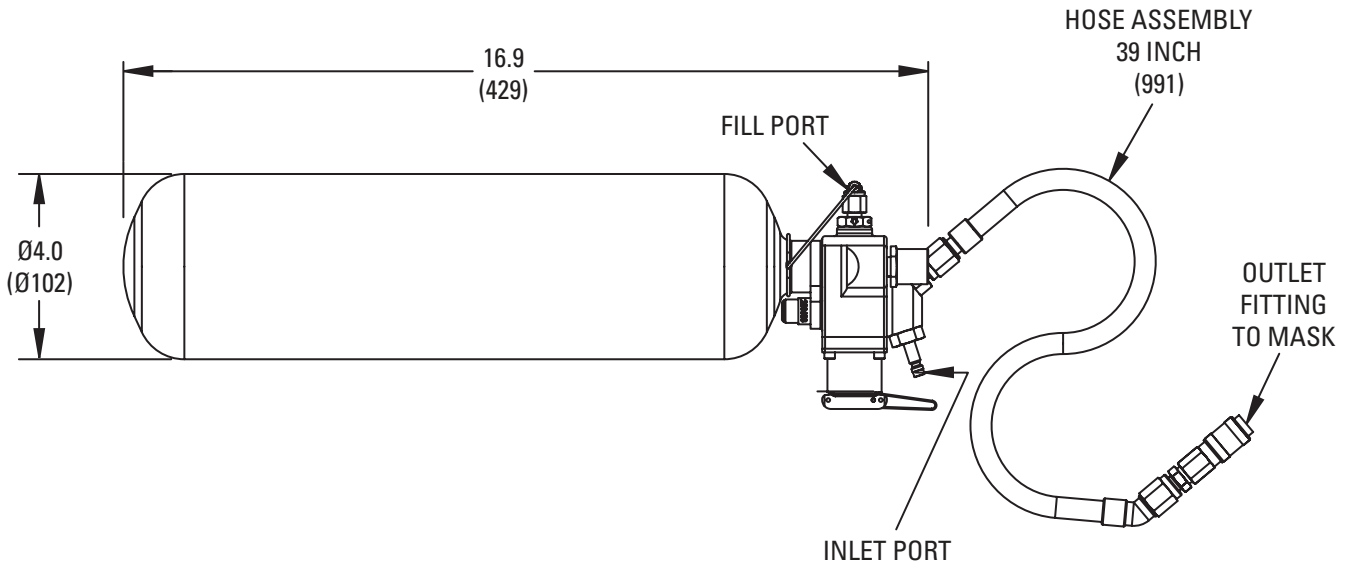
The PHANTOM Jump Bottle System uses state-of-the-art material technology to provide significantly increased oxygen supply durations while reducing the overall weight of the system. The system consists of a lightweight carbon-fiber full composite (CFFC) oxygen cylinder and pressure reducer assembly. When filled to 3,000 psig, it provides 410 liters of breathable oxygen, 45% more than a comparable PHAOS system.

The system is supplied with a 39-inch, small diameter flexible hose which can connect to either the PHAOS or PHANTOM masks. The new hose has a smaller diameter than previous systems. This minimizes interference with jump equipment and offers greater mobility.

SPECIFICATIONS

PHANTOM™ Jump Bottle System

Part Number: B47310-1



All dimensions in inch (mm)

Specifications:

| | |
|-------------------------------|---|
| Medium | Oxygen |
| Cylinder Fill Pressure | 3,000 psig (207 barg) |
| Outlet Pressure | 40 to 50 psig at (2.8 to 3.4 barg) flows up to 150 SLPM |
| Weight (unfilled) | 5.5 lb max (2.5 kg) |
| Expanded Gas Volume | 410 liters at 3,000 psig |
| Cylinder Water Volume | 122 cu. in |
| Cylinder Type | Carbon fiber wrapped, aluminum lined composite |
| Console Interface | Includes automatic shutoff feature when connected to the console |

Operating Environment:

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

Product Interfaces:

| | |
|-----------------------|---|
| Fill Port | IAW MS22066 |
| Inlet Port | IAW DOD-STD-100 |
| Outlet Fitting | Quick Disconnect Socket (mates with 1/8 inch plug) |