

# Product Specifications



**Product Codes:** OM-511, OM-523

**Usage:** Designed specifically for use as part of ambulatory oxygen systems.

**Oxygen Conserving Efficacy:** Average oxygen savings is 3:1 at approximately 20 breaths per minute.

**Method of Operation:**

- A. Senses patient's change from inhalation to exhalation through the use of a standard nasal cannula.
- B. Delivers a fixed pulse of oxygen in the first half of the inspiratory cycle.

**Continuous Flow Emergency Bypass Setting:** Preset at  $2 \pm .5$  lpm

**Clinical Effectiveness and Efficiency:** This reliable pneumatic technology is backed by clinical studies, which demonstrate the clinical effectiveness, oxygen dosage equivalency, and oxygen savings in a variety of pulmonary patients during both rest and exercise.

**Oxygen Inlet Connection:**

OM-511: CGA 870  
OM-523: CGA 540

**Compatibility:** Model OM-511 may be utilized with any compressed gas oxygen source that uses a CGA 870 valve. Model OM-523 allows connection to any compressed gas oxygen source that uses a CGA 540 valve. The Cypress can be configured with European connections and gauges.

**Required Operating Pressure:** The Cypress pneumatic conservers require pressure of 200 PSI to 3000 PSI (13.8 bar to 206.8 bar).

**Controls:** A single selector knob turns the unit ON/OFF, selects dosage settings equivalent to 1, 2, 3, 4, 5 and 6 liters per minute and switches the unit to continuous flow mode (CF).

**Operating Temperature:** 14°F to 104°F (-10°C to 40°C)

**Operating Relative Humidity:** 15% to 95% non-condensing

**Operating Altitude:** 0 to 10,000 feet (0 to 3,048 meters)

**Regulator:** The Cypress pneumatic conservers come with a built-in regulator preset at 25 PSI  $\pm$  5 PSI (1.7 bar  $\pm$  .3 bar).

**Storage/Transportation:**

Cold Temperature: Maximum -40°F (-40°C)  
Hot Temperature: Maximum 158°F (70°C)  
Humidity Range: Up to 95% non-condensing

**Unit Weight:**

OM-511: Approximately 14.8 oz. (420 grams)  
OM-523: Approximately 19 oz. (540 grams)

**Unit Size:**

OM-511: Approximately 5.0" L (12.7 cm) x 2.5" H (6.4 cm) x 2.5" W (6.4 cm)  
OM-523: Approximately 4.3" L (10.9 cm) x 3" in Diameter (7.6 cm)

**Shock:** Not to exceed IEC 68-2-27 requirements.

**Vibration:** Not to exceed IEC 68-2-6, IEC 68-2-34.

**Safety Standards:** All Cypress models passed the ASTM G-175-03 regulator ignition safety test, which is the most stringent safety test ever imposed on an oxygen regulator.