

Bonita Springs, FL 34135

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Aerox Portable Oxygen Systems Assembly Instructions

Your Aerox Portable Oxygen System comes with...

Oxygen Cylinder and Valve Regulator (1, 2, 4, or 6-place)

Supply Tubing and Needle Valve Flowmeter

Cannula(s) Mask

Assembly Instructions



1) Attach regulator to cylinder valve. Hand tighten to snug. DO NOT OVERTIGHTEN. With quick connects/cannula lines detached, turn cylinder valve on a half-turn. Check for leaks (hissing noise). Minute leaks can be detected using soapy water applied to any joint or connection, while avoiding the quick-connects. No leaks indicate the system is functional.

2) Assemble the cannula by attaching the flowmeter, inserting the INLET side of the flowmeter into the pre-formed end of the supply tube opposite the needle valve/quick connect fitting. Attach the OUTLET side of the flowmeter to the preformed end of the cannula or mask end. **NOTE:** The flowmeter measures flow for cannulas and masks on separate scales, expressed in thousands of feet of altitude.



3) Put on the Oxysaver Cannula and with the cylinder valve off, put the cannula fitting into the quick connect on the bottle by pushing on the outer sleeve of the quick connect fitting, inserting the cannula quick connect firmly, and releasing the outer sleeve. Ensure that the cannula quick connect fitting is snug (it should rotate but not pull out).

4) Slowly open the valve on the bottle to start the flow of oxygen. Using the thumbscrew on the needle valve, adjust the flow of oxygen by centering the flow meter ball on the appropriate cabin pressure altitude. For cannulas, use the lower (Oxysaver) scale, and for the masks use the upper scale (see photo). The flowmeter must be held vertically at eye level when reading.

For best results, use a pulse oximeter to monitor SpO2 during oxygen system use and adjust flow accordingly.



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IMPORTANT NOTES

ATTENTION!

The Aerox Flowmeter Label is shown at the right. Note that there are <u>two</u> scales, a **lower** and an **upper**.

Read the lower scale when using the Oxysaver[®] Cannula.

Read the upper scale when using the Mask.

Failure to use appropriate scale will result in incorrect oxygen consumption.

Important Notes

- Cannulas are approved up to 18,000 ft. When it is necessary to use a mask, simply disconnect the cannula at the outflow end of the flowmeter and connect the mask supply tube. **Caution:** Masks require higher flow rate than cannulas. Read the RIGHT [Mask] scale on the flowmeter when using a mask.
- Please read and understand the <u>WARNING</u> label on your regulator.
- To refill the system, close the main valve, then open any needle valve to release regulator head pressure. Remove regulator. **DAMAGE AND POSSIBLE INJURY** will occur if this procedure is not followed. Have cylinder refilled, observing correct pressure shown on cylinder shoulder, e.g. 2215.
- The FAA recommends that supplemental oxygen be used at altitudes above 10,000 ft. MSL [5,000 ft. at night]. Recommended flow rates are approximations due to individual variation. Since each outlet of your system is adjustable, each user can increase or decrease flow according to need. Be aware that flow rates are based on averages older people, smokers, sedentary people and those in poor health may require more than the recommended amount of oxygen.

Aerox Strongly Recommends Using A Pulse Oximeter

