

BUYER'S GUIDE TO BETTER MOUNTAIN LIVING

You've made the right choice to research oxygenation systems for your mountain home. As you know, altitude sickness and restless sleep are problems for both people traveling to the mountains from lower altitudes and for people living at altitude.

Altitude Control Technology is the leading provider of oxygenation systems for mountain homes, but before you see our product (or someone else's), check out our free Buyers Guide for Home Oxygenation Solutions below. It has a great checklist of what to look for in a system during your buying process.

What to look for in a Home Oxygenation system

- ☐ **UL Listed Equipment.** The National Fire Protection Agency and the National Electrical Code require all appliances to be UL Listed.
 - ☐ Lack of UL Listing can prevent you from getting insurance on your property and if there is a claim on your property, there is a high likelihood it will get denied with non UL Listed equipment on your property.
 - ☐ Most electrical and local inspectors will not give you a certificate of occupancy without UL listing on your appliances
 - ☐ Note that a field inspection from a Nationally Recognized Testing Laboratory can be used in lieu for your certificate of occupancy but you still may have issues with insurance, and any maintenance or warranty issues will require flying in an inspector.
- ☐ **Equipment is made in the USA.** There are many inexpensive pieces of equipment manufactured overseas that don't adhere to common safety standards
- ☐ **The system does what is advertised** by measuring the oxygen content and delivering enough extra oxygen to compensate for the reduced O₂ available and produce a physiological effect
- ☐ **The system measures and reacts to atmospheric pressure.** Pressure, NOT ALTITUDE, changes the amount of oxygen available for consumption in the air. If you aren't measuring and reacting to the pressure, you can't safely deliver the right amount of oxygen.
- ☐ **The system is safe and will not create a fire hazard.**
 - ☐ The system has taken into account and applied the National Fire Protection

Association's code 99B section 3.3.3.3 standard for Hypobaric Facilities (the denominator of their equation is atmospheric pressure to ensure fires don't burn any faster than they do at sea level)

- ☐ The system has been vetted by independent third parties with subject matter expertise
- ☐ The system can be controlled with a mobile device for ease of use
- ☐ The air units are long lasting (more than 15,000 hours of use per machine)
- ☐ The company has a dedicated service team with local support and service level agreements
- ☐ The system sources fresh air from outside and not from a crawl space or mechanical room and meets ASHRAE standards for air exchange
- ☐ The system expels the nitrogen outside in order to prevent creating a hypoxic situation in your crawl space or mechanical room. ALL OXYGEN CONCENTRATORS SEPARATE OXYGEN AND NITROGEN