

OXYGEN ENRICHMENT FOR MOUNTAIN HOMES



Proposal to:  
Sommét Blanc  
9300 Marsac Ave,  
Park City, UT 84060

Proposal for:  
Oxygen Rough-in for building C

Proposal from:  
David E Luckan  
dave@invigor8airdesign.com  
(435) 666-0032

## WE LOWER YOUR ELEVATION

Living or visiting high altitude locations can often lead to health problems such as insomnia, headaches, nausea and fatigue. These symptoms can start at elevations 6,000 feet or less, and over 60% of people who travel to elevations above 7,000 feet experience some degree of these symptoms.

At higher elevations, the air is thin and there is simply less oxygen available to breathe—about 20-30% less than at sea level. Not feeling well at high elevations is the simple result of there being less air and less oxygen to breathe.

Our system solves this problem and provides relief from the symptoms of altitude sickness by creating an oxygen enriched environment that lowers your effective elevation by 5,000-7,000 feet in well sealed rooms.

Now you can wake up in the mountains

**Feeling Refreshed, Energetic and live  
the Mountain life you deserve!**

Our system produces oxygen on-site and gently disperses to your rooms through flexible oxygen-grade tubing, to help promote deep, restful sleep for you and your guests. Our system is discretely located out of site, is programmed for automatic operation, and is virtually maintenance free.

Invigor8 Air Design is based in Park City, UT and oxygen enrichment is our specialty and the only thing we do. We are partnered with The Oxygen Company who is the industry leading manufacturer and innovator of the home oxygen enrichment industry.

All of our systems are assembled in the USA, and come with a full 2-year warranty. All of our systems are installed by our local employees who are factory trained and certified.

Our systems follow all OSHA, NFPA, and CDC guidelines for fire safety, air quality, and oxygen safety.



## RECENT PROJECT SPOTLIGHT



### The Colony 234 Park City, Utah

For this project, we installed a 3 bedroom + gym oxygen enrichment system in this well appointed estate at the top of the Canyons Ski Resort.

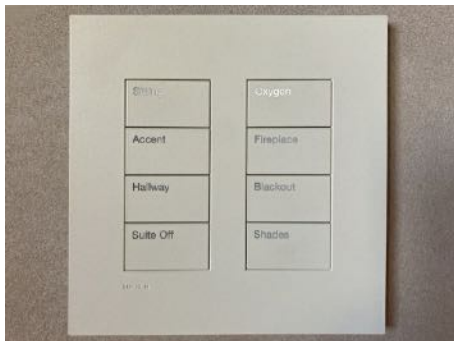
#### Outlet Ports

We take great care when locating Oxygen Enrichment Outlet Ports, balancing optimal placement with aesthetics. Our Ports can be perfectly matched to blend in with any decor. In this home, we matched the Lutron Palladiom Lighting Keypads.



#### The Oxygen Button

Our system is seamlessly integrated with the home's Lutron Lighting Control and Savant Home Automation Systems. Simply press the "Oxygen" button to activate the Oxygen Enrichment System. We can work with your AV or electrical subcontractor to integrate oxygen control like this, or install a simple on/off button.



#### The OxySpace Rack

Located in the mechanical room, our OxySpace Rack automatically enriches and varies the oxygen levels while you rest to provide an amazing and restful nights sleep where you awaken rejuvenated and ready to hit the slopes.



#### OxySpace Closeup

This is a closeup of the OxySpace unit for the Master Bedroom being turned on for testing and diagnostics. Each unit is carefully calibrated to provide the perfect level of oxygen enrichment for each room.







## BUILDING C

### SCOPE

Rough-in (13) master bedrooms for OxySpace Oxygen Enrichment in Building C, per the 7-15-2022 plans provided by WSP. All tubing and control wiring to be ran from each unit to a single, centralized oxygen equipment room for this building. This proposal includes building the unistrut rack to house all of the equipment, so that the HVAC subcontractor can mount their ducting to it.

### OXYGEN ENRICHMENT SYSTEM

IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	19800	The Oxygen Company Duraline Custom Shielded Tubing, per foot Shielded Tubing, for oxygen, per foot	\$1.25	\$24,750.00
	3900	Wirepath NST-184-CS-500-WH 18awg, 4 Cond, 41 Strand, Reduced Jacket Wall Thickness, per foot	\$0.36	\$1,404.00
	1300	Wirepath NST-182-SH-E-1K-BLU 18awg, 2pr, Each Pair Shielded w/Drain Control Cable, per foot	\$0.54	\$702.00
	85	Arlington Industries LVMB1 Arlington LVMB1 Low Voltage Mounting Bracket 1-Gang - New Construction	\$2.00	\$170.00
	3	Wirepath WP-SW-ENCL-40 Wirepath™ Structured Wiring Enclosure - 40"	\$97.44	\$292.32
	3	Wirepath WP-DOOR-HINGE-40 Wirepath™ Enclosure Hinged Metal Door - 40"	\$97.44	\$292.32
	33	Arlington CED135 Arlington™ brush entry for decora-style plates	\$5.70	\$188.10
	33	Wirepath DECOR-1-WH Wirepath™ Decorative Single Gang Wall Plate (White)	\$1.10	\$36.30
	52	Wirepath PLATE-0-WH Wirepath™ blank standard wall plate (white)	\$1.10	\$57.20
	18	Invigor8 Home Rubber Strut Base Foot Molded rubber strut strut base	\$3.99	\$71.82

IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	54	Invigor8 Air Design 4-Hole 90° Angle Strut Bracket Strut metal framing brackets	\$6.90	\$372.60
	216	Invigor8 Air Design 1/2" Strut Hex Head Bolt 1/2 in. x 15/16 in. strut hex head bolt - galvanized, per each	\$1.97	\$425.52
	216	Invigor8 Air Design 1/2 in. Nylon Strut Cone Nut Strut cone nut - galvanized, per each	\$1.56	\$336.96
	18	Invigor8 Air Design Strut End Cap Blue Strut End Cap for 12-Gauge 1 5/8" Channel, per each	\$2.88	\$51.84
	216	Invigor8 Air Design 1/2 in. Galvanized Flat Washer 1/2" flat washer - galvanized, per each	\$0.52	\$112.32
	316	Invigor8 Air Design 1 5/8" Strut Channel 12-Gauge Half Slotted Metal Framing Strut Channel, per foot	\$4.45	\$1,406.20
LABOR TOTAL				\$33,500.25
BUILDING C TOTAL				<b>\$64,169.75</b>

## INSTALLATION GUIDELINES & CONSIDERATIONS

### **Installation Location:**

OxySpace equipment to be installed on Unistrut inside the equipment location. Every 50 SCFH of equipment requires a dedicated 20 amp circuit, 50 CFM of fresh outdoor air, and generates 3,808 BTU. Direct-venting of the heat / exhaust is a best practice, as it immediately mitigates the heat that all oxygen generators produce. The optimal temperature range for oxygen generation is 40-80 degrees Fahrenheit, so incoming air will need to be tempered during the winter by the project HVAC contractor.

### **Items not included in this estimate:**

Electrical, HVAC (including oxygen equipment direct-venting), drywall & painting (for remodel installations) and any other subcontractor work to be coordinated by the general contractor or property manager and these costs are in addition to this proposal, and will be billed separately from this proposal. If this system is to be integrated with the home automation system, the integrator will bill the client separately for their part of the work.

### **HVAC and Ventilation Requirements:**

In order to receive optimal oxygen enrichment, the room(s) receiving oxygen enrichment must have an HVAC system dedicated to this room, with its own fan coil, and all supply and return vents inside the room. The room envelope should be well-sealed with a product like AeroBarrier and HVAC ducting for this room should also be well constructed and sealed with a product such as AeroSeal. It is recommended that the door subcontractor install weather stripping and drop down door sweeps around doors into the oxygen enriched room. We also recommend that all HRV & ERV's be relocated or controlled by the oxygen enrichment system to limit any influx of air. Traditional open flue fireplaces are incompatible with oxygen enrichment, and they cannot be in the same room, though some open flue sealing systems such as Enervex IntelliDraft Intelligent Draft and Damper System may work.

### **Warranty & Long-term Care:**

A representative from Invigor8 Air Design will visit and inspect the system twice a year. Our warranty for the system is 2 years and covers 100% of the system. After 2 years, an extended warranty is available.

### **Professional Services Agreement:**

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written and approved change orders. All agreements contingent upon product availability, shipping, weather, and other delays beyond our control. Owner to carry all necessary home insurances. Our workers are fully covered under workers' compensation and general liability insurance.

Invigor8 Air Design is not a medical company and our products and services are not intended to diagnose, treat or cure any illness or condition related to or affected by the use of oxygen. Our products and services are in no way intended to replace the services of a medical professional. Our equipment is FDA compliant for non-medical, recreational use. If you have any condition related to or affected by use of non-medical oxygen, please consult your physician prior to use.

ACCEPTANCE

ACCEPTANCE

PAYMENT SCHEDULE  
Upon acceptance of this project, the client agree to 25/50/25 Payment Term. 25% of the total amount due will be due with acceptance of estimate, the next 50% will be due as an equipment deposit, prior to ordering, and the final 25% is due upon completion.

The pricing contained in this proposal is good for 90 days, and is subject to re-pricing based on the changing global supply chain, product availability, and inflation.

EQUIPMENT TOTAL	\$30,669.50
SHIPPING TOTAL	\$1,502.82
LABOR TOTAL	\$33,500.25
SUBTOTAL	\$65,672.57
TOTAL TAX	\$2,284.88
PROJECT TOTAL	\$67,957.45

TERMS

I accept this proposal and hereby authorize Invigor8 Air Design to proceed with the installation of the included systems at the facilities of Sommét Blanc constructing at 9300 Marsac Ave, Park City, UT 84060 as described in the totality of this document. I further authorize Invigor8 Air Design to be granted the facility access that will be required to complete this project in a workmanlike and timely manner and for payment to be made to Invigor8 Air Design. In keeping with the Terms of Payment listed above: It has been made clear to me that there exist no understandings regarding this project with any relevant party unless and until Sommét Blanc and Invigor8 Air Design agree to such additional or alternate understandings in writing. Project cost and pricing are dependent upon a continual flow of work without interruption or delays imposed by Sommét Blanc or their staff, construction, other building trades or any other party, and additional costs may be incurred by Sommét Blanc from Invigor8 Air Design. If such delays result in additional costs that are not covered by the pricing in this proposal: I agree that any additions to and/or deletions from the materials and labor to be provided by my acceptance of this proposal and any resulting change(s) in cost of this project shall only be by way of written change order(s) and shall be valid only after being signed by Sommét Blanc and Invigor8 Air Design. This proposal is valid only if accepted in writing by Sommét Blanc and deposit payment received no later than May 26, 2022.

ACCEPTANCE

SOMMÉT BLANC

SIGNED

DATE

PRINT NAME

TITLE

INVIGOR8 AIR DESIGN

SIGNED

DATE

PRINT NAME

TITLE