



# VETROSON® OXY-GEN™ SYSTEMS

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**Summit Hill Laboratories offers  
Two VETROSON® OXY-GEN™ SYSTEMS  
Supplying oxygen for the veterinary hospital  
at a low cost per LPM.**

| Model                   | Delivers       | Tailor Made for:                  |
|-------------------------|----------------|-----------------------------------|
| <b>VGS2015<br/>120V</b> | 20 PSI, 15 LPM | Anesthesia machines and ICU units |
| <b>VGS5015<br/>230V</b> | 50 PSI, 15 LPM | .....Above plus a ventilator      |

Knowing LPM is the way to size up which VETROSON® OXY-GEN™ SYSTEM is right for you. How can you do this? It's simple. An anesthesia machine uses about 1 LPM, fill a Snyder ICU or a Cage Door ICU at 10 LPM, maintain at 5 LPM. Both can run on a 20 PSI unit. A ventilator averages 4 LPM depending on tidal volume. It requires 50 PSI. Add the total LPM required by the oxygen consuming equipment at peak loads. Then select the proper model.



Patent Pending

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**SAVE MONEY ON YOUR OXYGEN BILLS....**

**COSTS CENTS PER DAY VS. DOLLARS PER DAY FOR OXYGEN**

**RUN YOUR ICU UNIT ALL DAY LONG – USE IT FOR MORE PATIENTS**

**SUMMIT HILL LABORATORIES IS VERY KNOWLEDGEABLE REGARDING**

**THE OXYGEN NEEDS OF THE VETERINARY PROFESSION**

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# SAVE MONEY ON YOUR OXYGEN BILLS.....

## USING THE VETROSON® OXY-GEN™ SYSTEMS!

### (COSTS PENNIES PER DAY VS. DOLLARS PER DAY FOR OXYGEN)

#### What is it?

Each Oxy-Gen™ System is a combination of a generator and receiver tank with interfaces that connect the generator to the receiver tank and the receiver tank to the central oxygen system manifold. The system can produce a minimum of 14,000 liters of oxygen in a 24 hour period delivering either 20 or 50 PSI at a flow rate of 15 LPM.

#### What isn't it?

It is **not** a concentrator. Concentrators are generally used in a 1 to 1 situation delivering up to 5 PSI, which is not sufficient pressure to connect to a manifold and handle multiple machine requirements. It is **not** used to fill oxygen "H" tanks.

#### Why have continuous flow ?

It is necessary to have all the VETROSON® components to insure adequate flow and pressure to handle a veterinary hospital's total oxygen requirements-anesthesia machines, ventilators, a Snyder ICU or Oxygen Cage Door units. With continuous flow one is assured accuracy in LPM delivery.

#### Why a Receiver Tank?

The receiver tank holds 30 liters of oxygen. The receiver tank is designed to handle multiple flushes for an oxygen purge during anesthesia and filling of ICU's without throwing the system off balance. This tank is not for storage. It is continually releasing a small amount of oxygen.

#### Calculating Requirements

Use 1 LPM for each anesthesia machine in use, 10 LPM to fill a Snyder ICU or an Oxygen Cage Door- 5 LPM to maintain it, and 4 LPM for each ventilator. If the practice has a ventilator, a 50 PSI unit must be purchased. These figures vary slightly per individual animal's anesthesia requirements. Match your LPM requirements with LPM supplied. Leave a little room for an additional anesthesia machine or an ICU unit. The cost per LPM will be the lowest for any oxygen generator available today.

#### What are the electrical requirements, size, and weight of the units?

| Model   | Delivers       | Volts | Starting Amps | Running Amps | Power Watts | Weight* (LBS.) | Depth (Inches) | Width (Inches) | Height (Inches) |
|---------|----------------|-------|---------------|--------------|-------------|----------------|----------------|----------------|-----------------|
| VGS2015 | 20 PSI, 15 LPM | 115   | 20            | 8            | 920         | 145            | 17             | 25             | 38              |
| VGS5015 | 50 PSI, 15 LPM | 230   | 15            | 7            | 1610        | 175            | 17             | 25             | 38              |

Weights shown are for the generator only. The Receiver Tank weighs an additional 34#. The shipping weight will be more due to the box, packing material and pallet.

#### Installation

Easy to install. Attach the short hose on the receiver tank to the generator and the long hose to the oxygen system manifold. Plug the electrical cord into a nearby dedicated receptacle.

#### Back Up

Utilize your present system as back up in the event of electrical failure. In this instance just turn the Oxy-Gen™ System off and the O2 tank on.