



# Infinite Oxygen Systems

20L/Min Oxygen Generator



*Proudly made  
in the U.S.A.*



Web: [www.englerusa.com](http://www.englerusa.com) / Email: [info@englerusa.com](mailto:info@englerusa.com)  
[www.dynaxusa.com](http://www.dynaxusa.com), [www.ez-stretcher.com](http://www.ez-stretcher.com) for brochures, manuals  
and "how to" pages please visit [www.engler411.com](http://www.engler411.com)

Engler Engineering Corporation  
1099 East 47th Street - Hialeah, Florida 33013 USA  
Tel: (800) 445-8581 / (305) 688-8581 / Fax: (305) 685-7671

## Infinite O<sub>2</sub> 20 Liter Oxygen Generator System Features

Engler Engineering Corp is proud to introduce the Infinite Oxygen System.

The Infinite system allows the user to generate oxygen on demand and store it for later use. **YOU WILL NEVER HAVE TO PAY FOR OXYGEN TANKS AGAIN!!!!**

High purity 93% +- 3%

Industrial strength, designed for 24 / 7 operation and will provide years of trouble free service.

The output pressure can be set from 1 to 100 PSI.

Upon start-up, the system automatically filters and stores oxygen from the environment. When the tank is full the system goes on standby and restarts automatically as the tank empties. **The Infinite O<sub>2</sub> System completely eliminates the need for bulky and cumbersome cylinders.**

The installation is very simple because there are only two components. The 20 liter per minute oxygen generator and the storage system. Just plug in two power cords and attach the oxygen hose. Engler's Infinite O<sub>2</sub> Generator can provide up to 25 liters of oxygen per minute.

The system's 30-gallon storage tank can provide very high flow rates, as required for many anesthesia machines and other devices requiring oxygen, simultaneously. Flow rates that a generator alone cannot normally provide.

Engler's Infinite O<sub>2</sub> System is easy to maintain. Periodic maintenance requires only replacing the dust filters once or twice a year depending on environmental conditions.

The Infinite O<sub>2</sub> System can be expanded by adding an additional O<sub>2</sub>, 20 lpm generator, thereby effectively doubling the output, without the need for additional control boxes. Please call Engler for specific details.

The system needs no further operator intervention after initial setup.

Our compressor and storage system is modular, if it becomes necessary to service the compressor, simply disconnect the easily accessible hose disconnect system and four wing nuts.



Web: [www.englerusa.com](http://www.englerusa.com) / Email: [info@englerusa.com](mailto:info@englerusa.com)  
[www.dynaxusa.com](http://www.dynaxusa.com), [www.ez-stretcher.com](http://www.ez-stretcher.com) for brochures, manuals  
and "how to" pages please visit [www.engler411.com](http://www.engler411.com)

Engler Engineering Corporation  
1099 East 47th Street - Hialeah, Florida 33013 USA  
Tel: (800) 445-8581 / (305) 688-8581 / Fax: (305) 685-7671



*Proudly made  
in the U.S.A.*

## TECHNICAL DATA

### Control Box

Input Voltage:	115 VAC nominal
Input Frequency:	60 Hz
Running Current (Amperes)	5 Amps
Starting Current (Amperes)	15 Amps
phase	single
Maximum air temperature	100 F (38 C).
Minimum air temperature	50 F (10 C)
Plug type	Nema 5-20P
Overcurrent protection trip current	20 Amps
Input fitting	Oxygen DISS

### Tank

Maximum tank pressure	200 PSI
Relief valve pressure	165 PSI
Output Valve fitting	CGA540
Regulator pressure	1-100 PSI / 1-700 Kpa (Adjustable)
Regulator fitting	Oxygen DISS
Regulator Oxygen Volume/Pressure (continuous flow rate after tank capacity is determined by the generator output. (typically 20 LPM)	423 SCFH @ 50 PSI 200 LPM or @ 0.344 Mpa
Regulator output fitting	Oxygen DISS
Tank capacity (empty)	30 gallons (may be upgraded)

## DIMENSIONS INFINITE O2 STORAGE SYSTEM

<b>CHASSIS DIMENSION:</b>	Length: 25" (64 cm) Depth: 18" (46 cm) Height: 51" (130 cm)
<b>CABLE LENGTH:</b>	8' (244cm)
<b>OXYGEN HOSE:</b>	6' (183 cm) (may be customized to different lengths)
<b>ESTIMATED NET WEIGHT</b>	200 Lbs. ( 91 Kg.)
<b>ESTIMATED SHIPPING WEIGHT:</b>	250 Lbs. (114 Kg.)



Web: [www.englerusa.com](http://www.englerusa.com) / Email: [info@englerusa.com](mailto:info@englerusa.com)  
[www.dynaxusa.com](http://www.dynaxusa.com), [www.ez-stretcher.com](http://www.ez-stretcher.com) for brochures, manuals  
and "how to" pages please visit [www.engler411.com](http://www.engler411.com)

Engler Engineering Corporation  
1099 East 47th Street - Hialeah, Florida 33013 USA  
Tel: (800) 445-8581 / (305) 688-8581 / Fax: (305) 685-7671



Proudly made  
in the U.S.A.