

Combining high flow and high output pressure in a self-contained, transportable design makes the Onyx a premier oxygen generator. With thousands in use throughout the world, it offers time-proven ruggedness and reliability making it the perfect fit for many applications.



## Features

- Up to 95% oxygen concentration
- Easy to install and maintain
- Low operating costs and energy efficient
- Low noise level for different environments

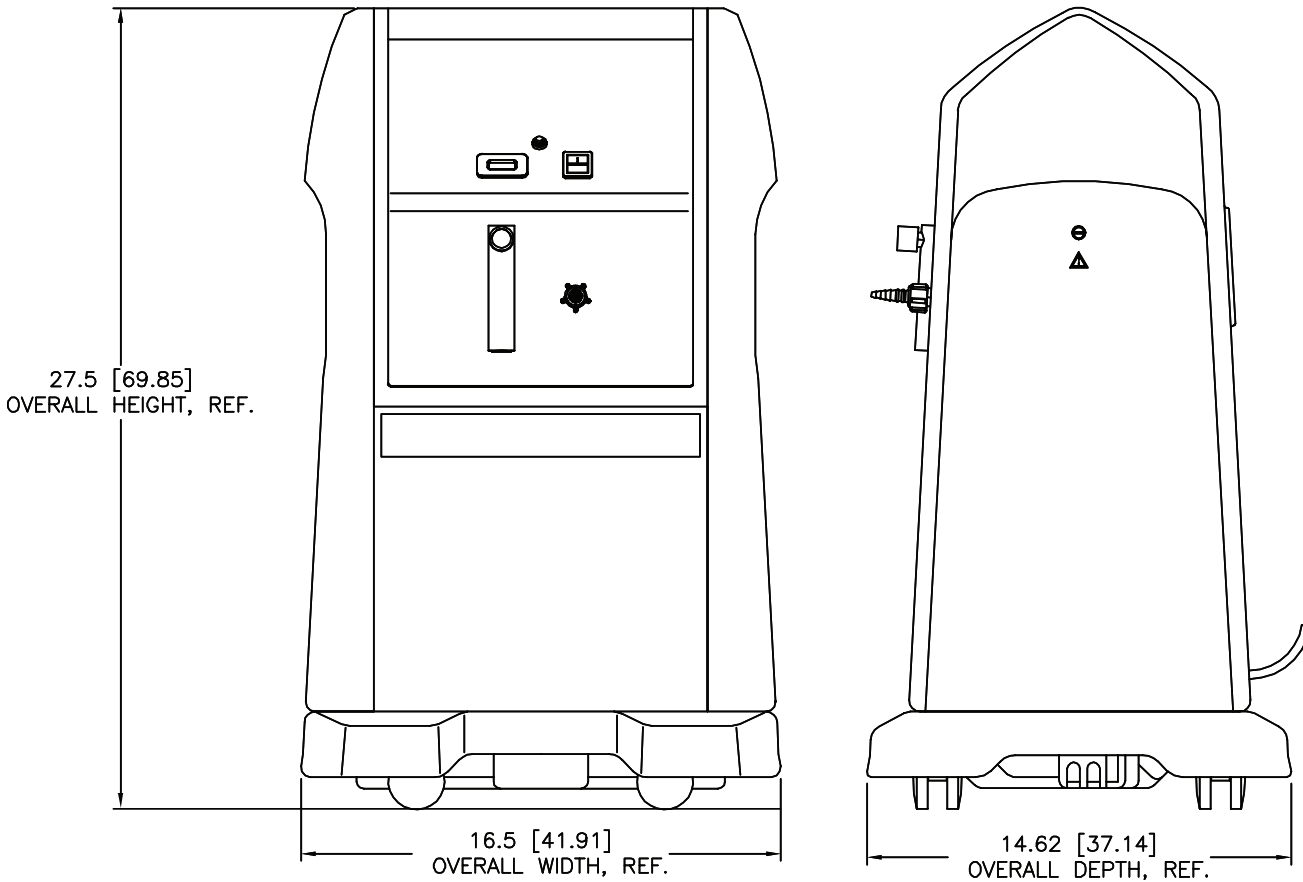
## Typical Applications

- Aquaponics
- Environmental Remediation
- Fish Farming
- Glass Work/Blowing
- Jewelry/Brazing/Soldering
- Hydroponics
- Laboratory Experiments
- Ozone (Generator) Feed Gas

## Specifications

<b>Product Flow<sup>1</sup></b>	10 SCFH (0.3 Nm <sup>3</sup> /hr or 5 SLPM)
<b>Product Pressure</b>	9 psig (62 kPa or .62 barg)
<b>Oxygen Concentration</b>	90% +5.5%/-3%
<b>Dimensions (W x D x H) (Nominal)</b>	16 x 15 x 29 in (40 x 37 x 72 cm)
<b>Weight</b>	51 lb (23 kg) [Add 1 lb (0.4 kg) for 220 V ~ unit]
<b>Sound Level</b>	55 dBA
<b>Physical Connections</b> <b>Product Gas Outlet</b>	B size oxygen adapter
<b>Operating Environment</b>	Locate the oxygen generator in a well-ventilated area that is protected from weather elements and remains between 41°F to 104°F (5°C to 40°C), 15–90% humidity
<b>Control Power Requirements</b> <b>(Single Phase)</b>	120 V ~ ±10%, 60 Hz, 6.0 A 230 V ~ ±10%, 50 Hz, 3.0 A 230 V ~ ±10%, 60 Hz, 3.0 A
<b>NRTL Certifications and Approvals</b>	CAN/CSA-C22.2 No. 61010-1-12, UL 61010-1 (120 V configurations only)

<sup>1</sup> SCF (Standard cubic foot) gas measured at 1 atmosphere and 70°F / Nm<sup>3</sup> (Normal cubic meter) gas measured at 1 atmosphere and 0°C / SLPM (Standard liters per minute) gas measured at 1 atmosphere and 21°C



Note: All dimensions are nominal.

## Ordering Information

Model	Part Number	Description
Onyx	AS016-1	120 V ~ ±10%, 60 Hz <sup>1</sup>
	AS016-2	220 V ~ ±10%, 50 Hz <sup>1</sup>
	AS016-6	220 V ~ ±10%, 60 Hz <sup>1</sup>
Optional Accessories	AN021-1	Oxygen Analyzer (Maxtec Handi)
	AN005-1	Oxygen Analyzer (Maxtec Max O <sub>2</sub> Plus)
	AN075-1	Oxygen Analyzer/Sensor (Maxtec Max O <sub>2</sub> Plus)
<b>Shipping Information</b>		<b>Onyx</b>
Class	92.5	
Commodity Classification Number	8421.39.0140	
Dimensions (L x W x H)	17 x 16 x 34 in (44 x 40 x 85 cm)	
Approximate Gross Weight	63 lb (29 kg)	

### Warranty: 1 Year Parts and Factory Labor\*

\* An unprotected or inadequately ventilated environment, or improper control power may cause damage to the oxygen generator not covered under warranty.

All performance ratings based on an ambient temperature up to 100°F (38°C), up to 1,000 feet elevation, and 80% relative humidity.



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