

PSA Oxygen Generator

Dual Topaz Plus



Specifically designed for reliability, energy efficiency, and ease-of-use, there are thousands of Topaz PSA Oxygen Generators currently in use throughout the world. Generating up to 18 LPM (38 SCFH) in a compact package, at up to 95.5% oxygen concentration, the Dual Topaz Plus is a great fit for a wide range of commercial applications.

Features

- Self-contained (includes air compressors)
- Heavy duty metal enclosure
- Tank-mount design
- Advanced Engineering
- Ozone/high temperature process tubing
- Quick release fittings for ease of maintenance

Typical Applications

Manufacturing

- Cutting/Brazing/Soldering
- Thermal/Chemical Oxidation

Environmental

- Ozone (Generator) Feed Gas
- Environmental Remediation
- Waste/Water Treatment

Glass Industry

- Glass Work/Manufacturing/Blowing

Additional

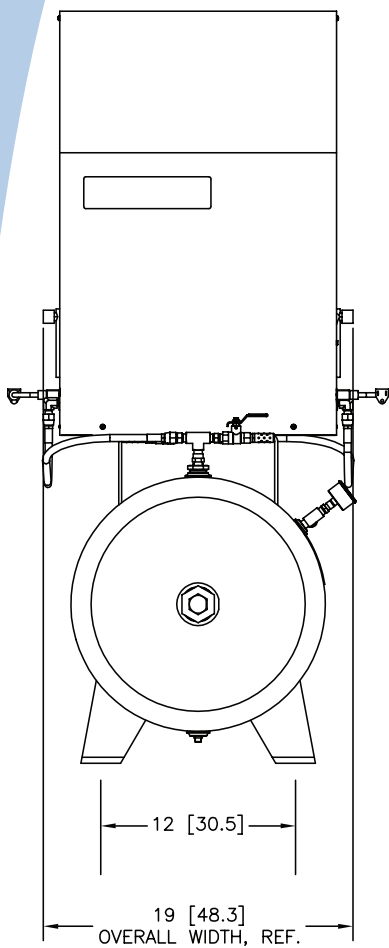
- Fish Farming

Specifications

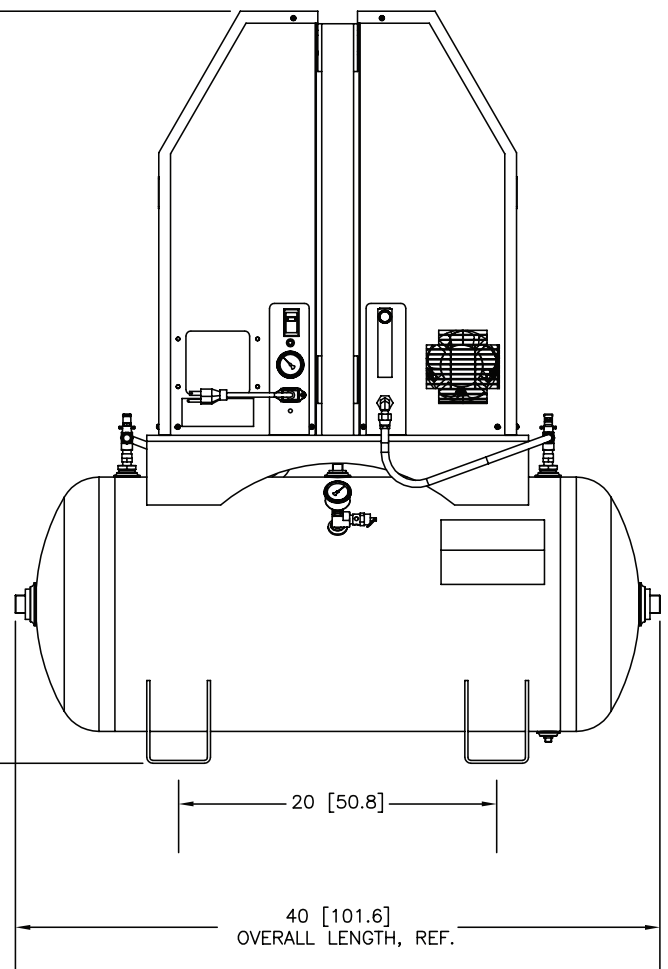
Dual Topaz Plus

Product Characteristics	
Product Flow ¹	18 LPM (38 SCFH)
Product Pressure	20 psig (138 kPa)
Product Concentration (nominal)	93%
Product Dew Point	-100°F (-73°C)
Dimensions (W x D x H) (nominal)	40 x 19 x 47 in (102 x 48 x 119 cm)
Weight	265 lb (120 kg)
Physical Connection Product Gas Outlet	1/4" NPT-M/B-M size oxygen adapter
Ambient Operating Conditions	Locate the oxygen generator in a well-ventilated area that is protected from weather elements and remains between 40°F (4°C) and 112°F (44°C)
Control Power Requirements (Single Phase)	120 V ~ ±10%, 60 Hz, 10.0 A or 220 V ~ ±10%, 50 Hz, 5.0 A

¹ LPM (Liters per minute) gas measured at 1 atmosphere and 21°C / SCF (Standard cubic foot) gas measured at 1 atmosphere and 70°F



47 [119.4]
OVERALL HEIGHT, REF.



Note: All dimensions are nominal.

Ordering Information

Model	Part Number	Description
Dual Topaz	AS116-1	120 V ~ ±10%, 60 Hz
Plus	AS116-2	220 V ~ ±10%, 50 Hz
Shipping Information		Dual Topaz Plus
Class		92.5
Commodity Classification Number		8421.39.8040
Dimensions (W x D x H)		48 x 40 x 59 in (122 x 102 x 150 cm)
Gross Weight		318 lb (144 kg) with Tank

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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