

# AS-12

## PSA Oxygen Generator

### Specifications

#### Product Characteristics

Standard Product Flow: 12 SCF/hr<sup>1</sup> (0.31 Nm<sup>3</sup>/hr<sup>2</sup>)  
Standard Product Pressure: 0–9 psig (0–62.1 kPa)  
Minimum Product Purity: 90%  
Product Dew Point: -100°F (-73°C)

#### 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

120 V ~ ±10%, 50/60 Hz, Single Phase, 4 A  
220 V ~ ±10%, 50/60 Hz, Single Phase, 2 A  
Typical Power Consumption (at 90% purity): 350 W

#### Physical Characteristics

Dimensions (W x D x H): 17.25 x 10 x 26.75 in.  
(43.8 x 25 x 68 cm)

Weight: 55 lb. (25 kg)

Weight Less Enclosure: 46 lb. (20 kg)

#### Physical Connections

Product Gas Outlet: 1/4" NPT/B size oxygen adapter

**Sound Level:** 55 dba @ 1 meter, open field conditions

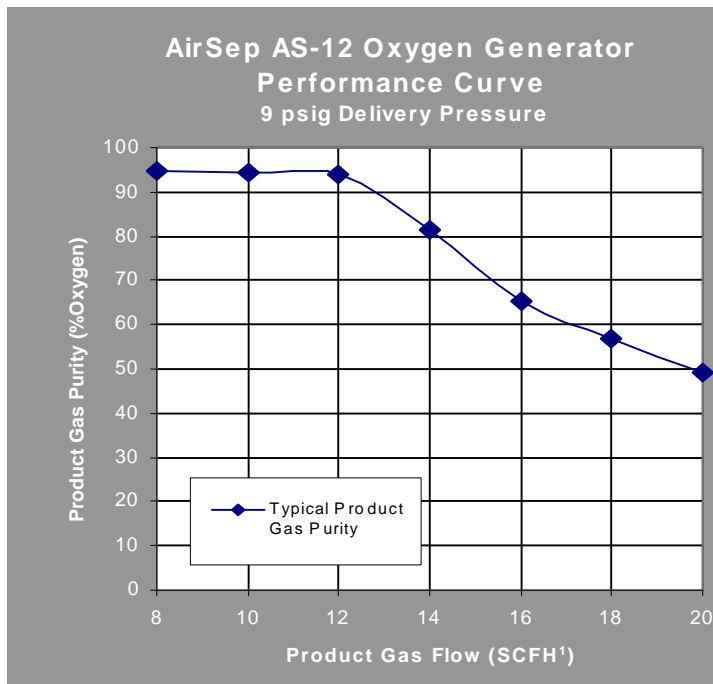
**Certifications and Approvals:** NRTL certified compliance to UL 3101.1, CSA, CE Compliant

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

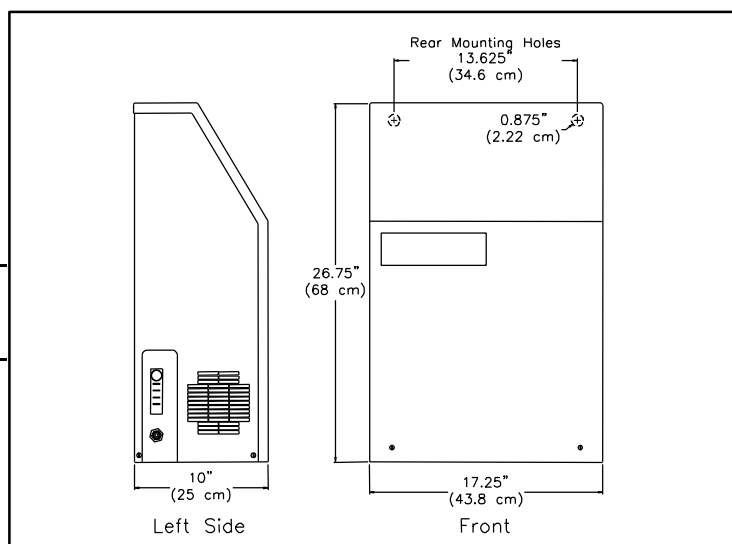
\*An unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen generator not covered under warranty.

AirSep Corporation continually improves its products and reserves the right to change specifications or design without notice.

Oxygen Generators manufactured by the Commercial Products Division of AirSep Corporation are sold for use in industrial applications only. Contact AirSep Corporation or an authorized AirSep representative before purchasing a unit for any medical application.



Note: A standard AS-12 delivers 12 SCF/hr<sup>1</sup> (0.31 Nm<sup>3</sup>/hr<sup>2</sup>) of 90% minimum purity oxygen at a pressure of 9 psig (62.1 kPa). Generator performance will vary slightly in accordance with ambient air temperature and site conditions.



<sup>1</sup> SCF (Standard cubic foot) gas measured at 1 atmosphere and 70°F

<sup>2</sup> Nm<sup>3</sup> (Normal cubic meter) gas measured at 1 atmosphere and 0°C