

PSA Oxygen Generator

AS-B Mini Pack



Designed specifically for applications with fixed flow and pressure characteristics, the reduced size oxygen receiver feature of our Mini Pack Generators offers a quick start-up and a significantly smaller footprint than comparable systems that utilize a standard, separate receiver. Simply connect the unit's inlet to a suitable compressed air source, the oxygen outlet to the application, and the power cord to an appropriate electrical source. Start the generator, adjust the regulator to the required oxygen pressure and within minutes, produce oxygen at up to 95.5% concentration.

Typical Applications

Environmental

- Ozone (Generator) Feed Gas
- Environmental Remediation

Features

- Produces oxygen from an independent compressed air source
- Microprocessor controlled
- Low operating cost
- Automatic and unattended operation
- Easy to install and maintain
- Small footprint

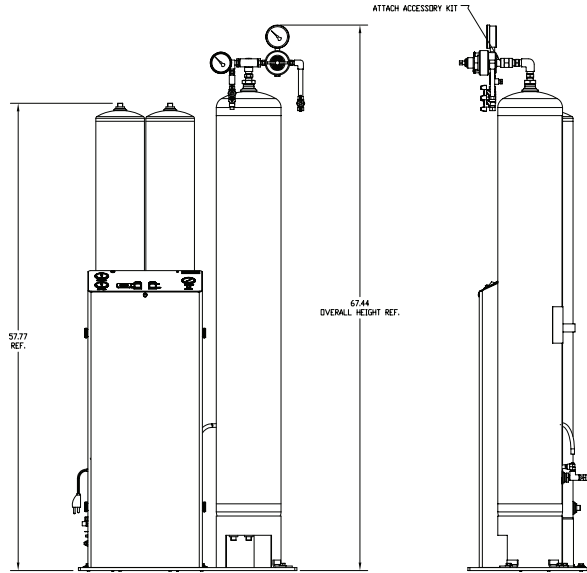
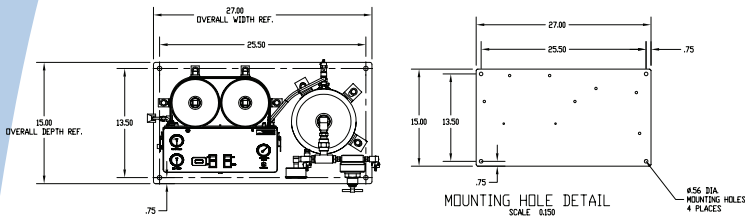
Specifications

AS-B Mini Pack

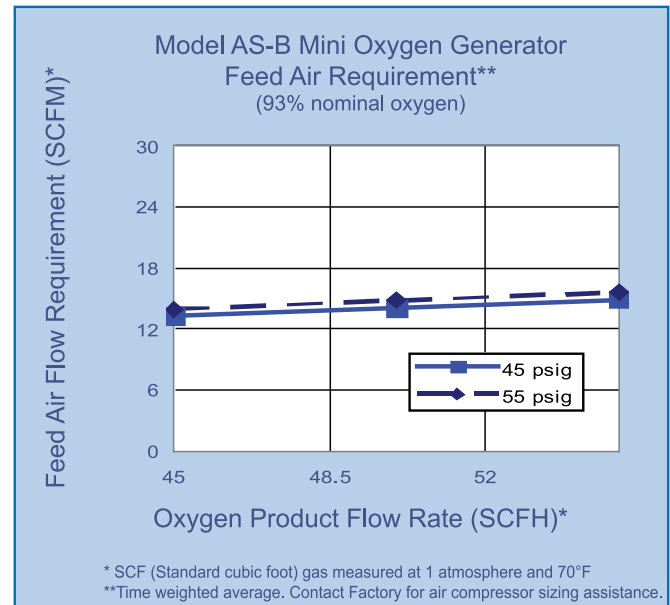
Product Characteristics	
Product Flow	45 - 55 SCFH (1.18 - 1.45 Nm ³ /hr) ¹
Product Pressure	45-55 psig (310-379 kPa) ¹
Product Concentration (nominal)	93%
Product Dew Point	-100°F (-73°C)
Dimensions (W x D x H) (nominal)	27 x 15 x 68 in (69 x 38 x 173 cm)
Weight	363 lb (165 kg) [Generator and receiver]
Physical Connections ²	
Compressed Air Inlet	1/4" FNPT
Product Gas Outlet	1/4" FNPT
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 104°F (40°C)
Feed Air Requirements	Flow Rate: <i>Refer to chart on reverse page.</i> Clean and Dry "Plant Air" (Class 5.6.5 per ISO 8573.1) Pressure: 90 psig (621 kPa) minimum Temperature: 122°F (50°C) maximum
Control Power Requirements (Single Phase)	120 V ~ ±10%, 50/60 Hz, 1.0 A or 220 V ~ ±10%, 50/60 Hz, 0.5 A

¹ SCF (Standard cubic foot) gas measured at 1 atmosphere and 70°F / Nm³ (Normal cubic meter) gas measured at 1 atmosphere and 0°C

² Hose and applicable adapters included with optional Factory-supplied accessory kits.



Note: All dimensions are nominal.



Ordering Information

Model	Part Number	Description
AS-B Mini Pack	AS101-11	120 V ~ ±10%, 50/60 Hz ¹
	AS101-12	220 V ~ ±10%, 50/60 Hz ¹
Accessories	KI410-1	Accessory Kit (interconnecting hoses/fittings and oxygen regulator)
	KI474-1	Accessory Kit (oxygen hose - oxygen regulator to use point)
	KI404-1	Accessory Kit (manual switch-over manifold for cylinder backup)
Shipping Information		AS-B Mini Pack
Class		92.5
Commodity Classification Number		8421.39.8040
Dimensions (W x D x H)		34 x 42 x 72 in (86 x 107 x 183 cm) with Accessory Kit(s), Boxed
Gross Weight		388 lb (176 kg) with Accessory Kit(s), Boxed

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.

¹ Specify oxygen flow and pressure at time of order.

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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