

PSA Oxygen Generator

AS-D Mini Pack

Typical Applications

Environmental

- Ozone (Generator) Feed Gas
- Environmental Remediation



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.

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

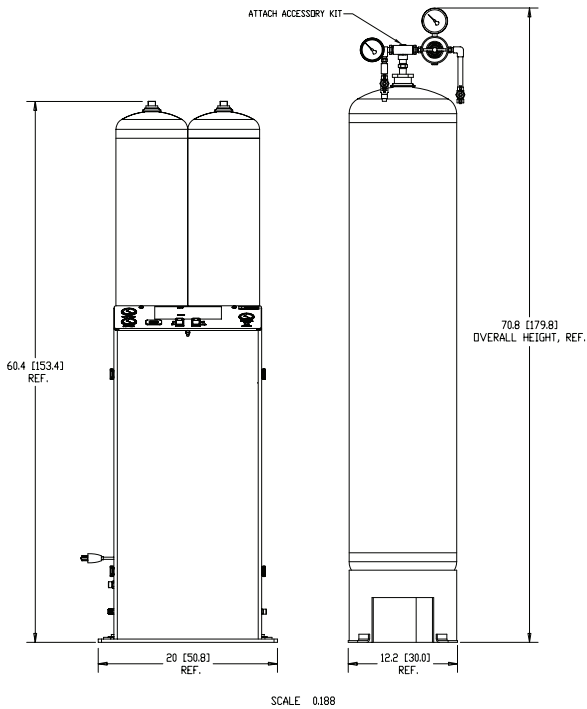
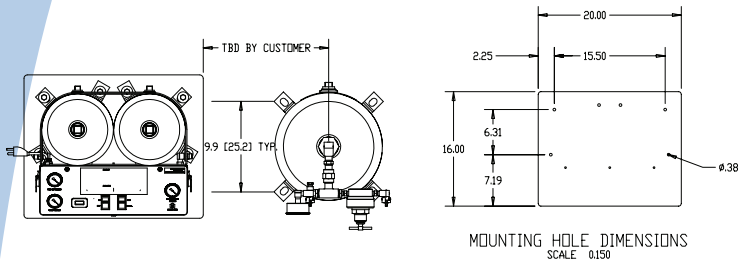
Specifications

AS-D Mini Pack

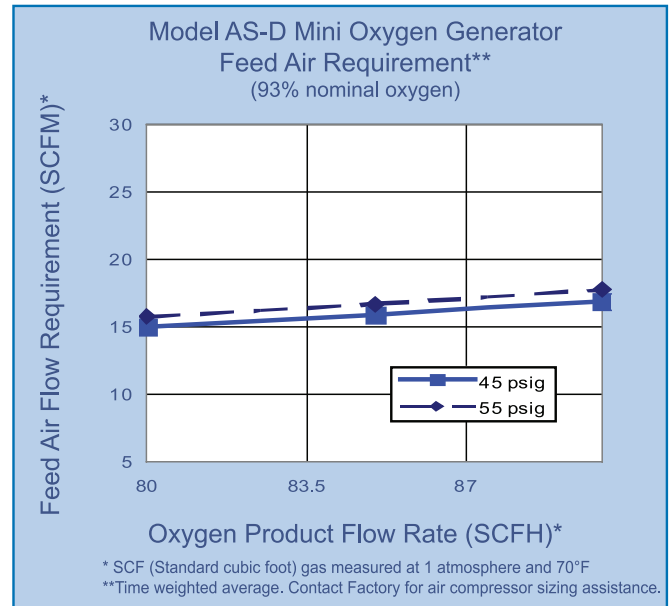
Product Characteristics	
Product Flow	80 - 90 SCFH (2.10 - 2.37 Nm ³ /hr) ¹
Product Pressure	45-55 psig (310-379 kPa) ¹
Product Concentration (nominal)	93%
Product Dew Point	-100°F (-73°C)
Dimensions (W x D x H) (nominal)	20 x 16 x 60 in (51 x 41 x 152 cm) [Generator]; 13 x 71 in (30 x 180 cm) [Receiver]
Weight	361 lb (164 kg) [Generator]; 80 lb (36 kg) [Receiver]
Physical Connections ²	
Compressed Air Inlet	¼" FNPT
Product Gas Outlet	¼" 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-D Mini Pack	AS102-11	120 V ~ ±10%, 50/60 Hz ¹
	AS102-12	220 V ~ ±10%, 50/60 Hz ¹
	AS102-13	With CE Vessels, 220 V ~ ±10%, 50/60 Hz ¹
Accessories	KI411-1	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-D Mini Pack
Class	92.5	
Commodity Classification Number	8421.39.8040	
Dimensions (W x D x H)	25 x 65 x 23 in (64 x 165 x 58 cm) with Accessory Kit(s), Boxed [Generator]; 30 x 28 x 76 (76 x 71 x 193 cm) [Receiver]	
Gross Weight	381 lb (173 kg) with Accessory Kit(s), Boxed [Generator]; 99 lb (45 kg) [Receiver]	

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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