

PSA Oxygen Generator

# AS-A 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

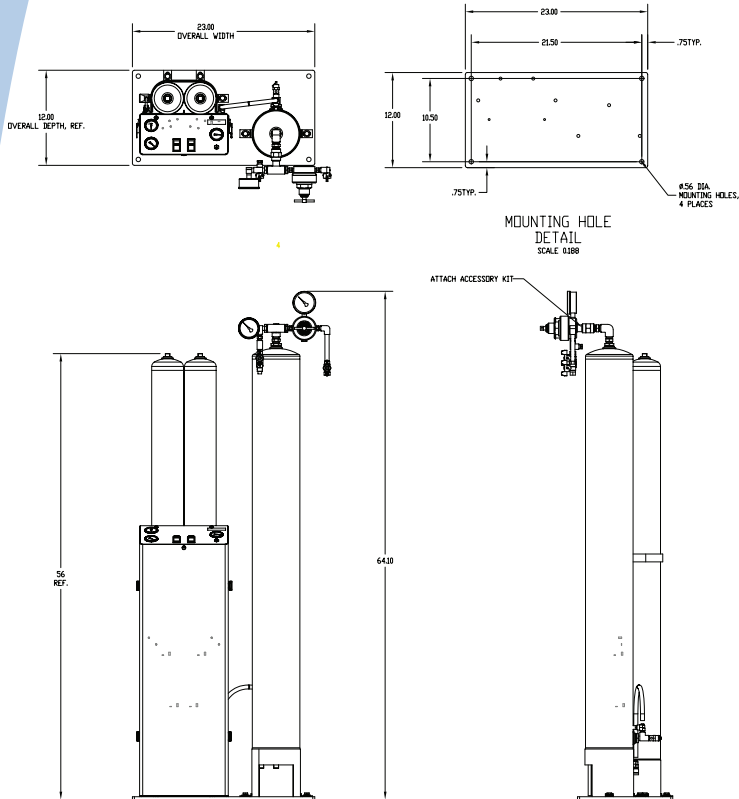
## Specifications

### AS-A Mini Pack

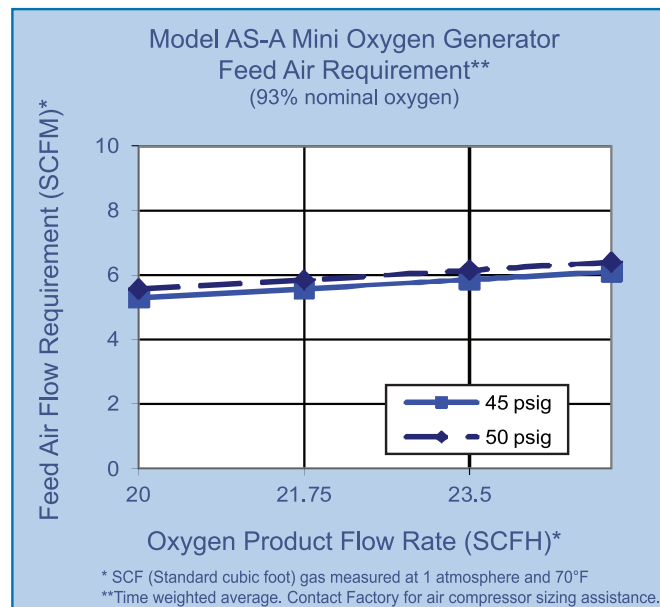
Product Characteristics	
Product Flow	20 - 25 SCFH (0.53 - 0.66 Nm <sup>3</sup> /hr) <sup>1</sup>
Product Pressure	45-50 psig (310-345 kPa) <sup>1</sup>
Product Concentration (nominal)	93%
Product Dew Point	-100°F (-73°C)
Dimensions (W x D x H) (nominal)	23 x 12 x 65 in (58 x 30 x 165 cm)
Weight	233 lb (106 kg) [Generator and receiver]
Physical Connections <sup>2</sup>	
Compressed Air Inlet	¼" FNPT x ¼ NPSM
Product Gas Outlet	¼" FNPT x JIC-8
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: Refer to chart on reverse page. 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

<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

<sup>2</sup> Hose and applicable adapters included with optional Factory-supplied accessory kits.



Note: All dimensions are nominal.



## Ordering Information

Model	Part Number	Description
AS-A Mini Pack	AS100-11	120 V ~ ±10%, 50/60 Hz <sup>1</sup>
	AS100-12	220 V ~ ±10%, 50/60 Hz <sup>1</sup>
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)
<b>Shipping Information</b>		<b>AS-A Mini Pack</b>
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	258 lb (117 kg) with Accessory Kit(s), Boxed	

### Warranty: 1 Year Parts and Factory Labor<sup>\*\*\*</sup>

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

<sup>1</sup> 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.

Copyright (C) 2014 Chart Industries  
 CAIRE Inc./Chart SeQual Technologies Inc./Chart Inc./AirSep Corp. reserves the right to discontinue its products, or change the prices, materials, equipment, quality, descriptions, specifications and/or processes to its products at any time without prior notice and with no further obligation or consequence.  
 All rights not expressly stated herein are reserved by us, as applicable.



A Chart Industries Company

260 Creekside Drive  
 Buffalo, NY 14228-2075 U.S.A.

Tel: (716) 691-0202 • Fax: (716) 691-1255

www.airsepcpd.com • cpd@airsep.com

ML-IND0023 C