

# 100 SCFH Oxygen Concentrator System

## PSA Oxygen Concentrator

OG-100 Oxygen concentrator offers a reliable low cost method of providing oxygen feed gas for all your ozone generation needs. Using an oxygen concentrator eliminates the need for bottled oxygen and is much more cost effective and convenient.



### Features

- 100 SCFH Oxygen at 95 %
- Dependable Operation
- Durable Construction
- Low Operating Cost
- Automatic unattended operation
- Easy to install and maintain

Product ID: **OG-100**

### Specifications

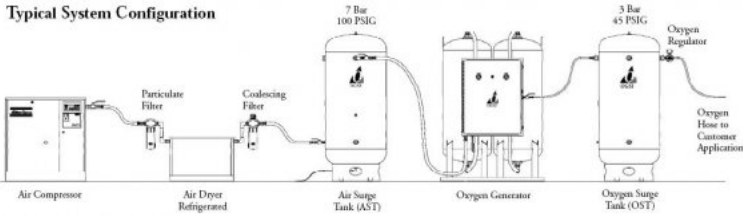
Flowrate	100 SCFH
Purity	Up to 95%
Pressure	45-60 PSI
Dewpoint	-100-deg F

### Feedgas Requirements

Air Flow	22 CFM
Pressure	90 PSI
Quality	Clean dry plant air per ISO specifications 5.7.5
Temperature	Air must be cooler than 100-deg F
Ambient Temperature	40-100-deg F
Storage tank	Oxygen Storage tank is necessary and available from Ozone Solutions
Power Requirements	120 Watts
Dimensions (W x D x H)	24-in x 24-in x 69-in
Weight	500 lbs

## System Configuration

Typical System Configuration



Typical system configuration shown.

## Internal Diagram

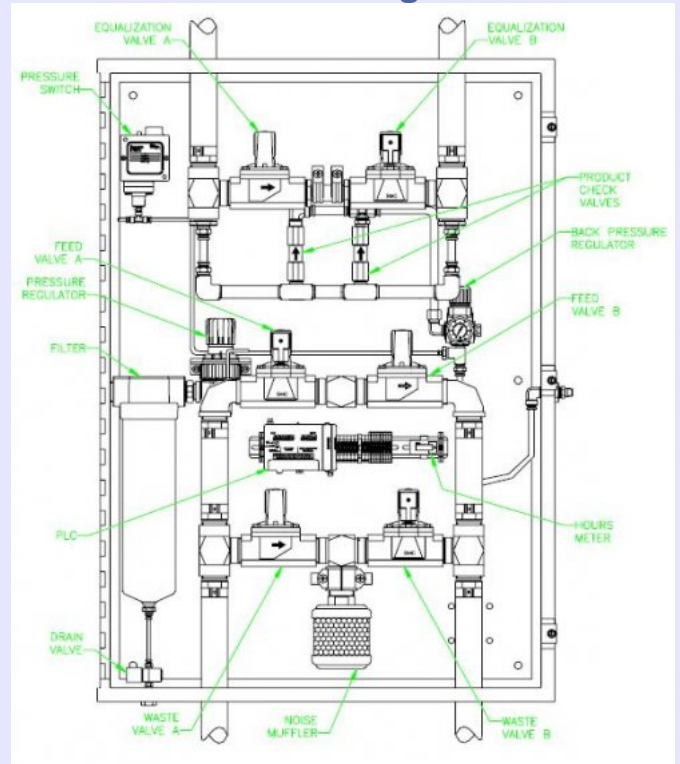
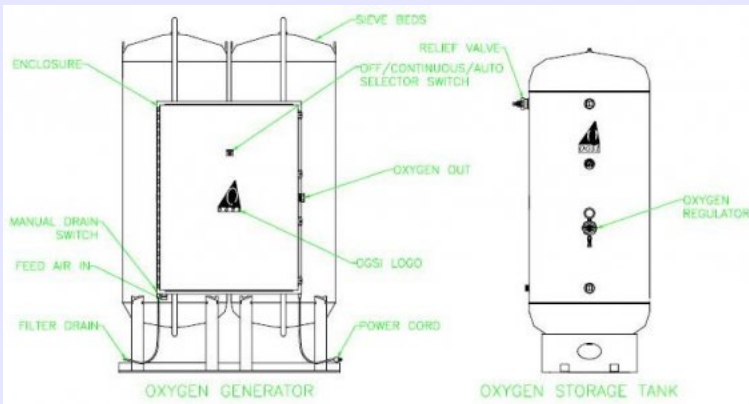


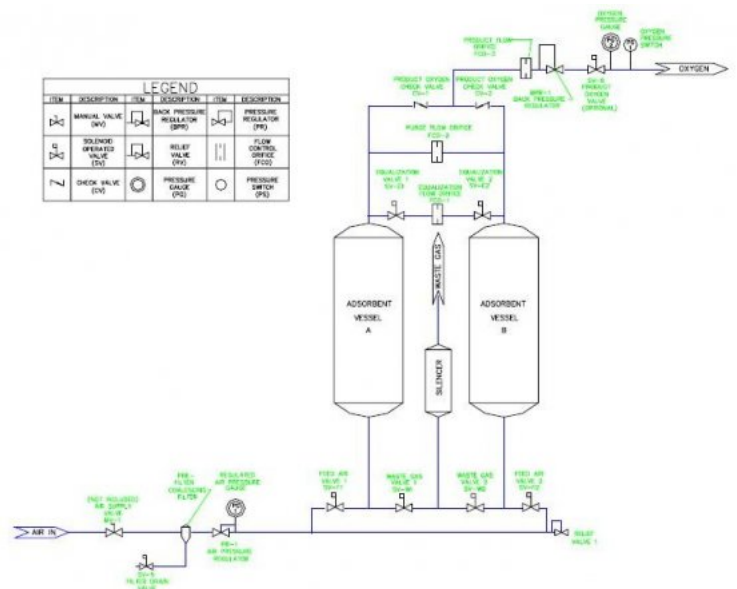
Diagram of the internal parts of the OG-100 control panel

## External System Diagram



External System Diagram shows the OG-100 with the oxygen storage tank.

## Process Flow Diagram



System process flow diagram