

PSA Oxygen Concentrator

Centrox



PSA Concentrator Module



Air Compressor Module

The Centrox is an oxygen concentrator ideal for use in many applications. The Centrox's ability to deliver up to 95.5% oxygen concentration at flows of up to 15 LPM (32 SCFH) make it a great fit for medical and commercial uses requiring up to 50 psig (345 kPa).

Features

- Self-contained (internal air compressors)
- Microprocessor controlled
- Low operating cost
- Automatic and unattended operation
- Wall or rack mount design
- Heavy duty metal enclosures
- Oxygen concentration monitor

Typical Applications

Medical

- Anesthesia
- Oxygen Therapy
- Veterinary Medicine

Manufacturing

- Brazing/Soldering
- Glass Work/Blowing

Environmental

- Ozone (Generator) Feed Gas
- Environmental Remediation

Additional

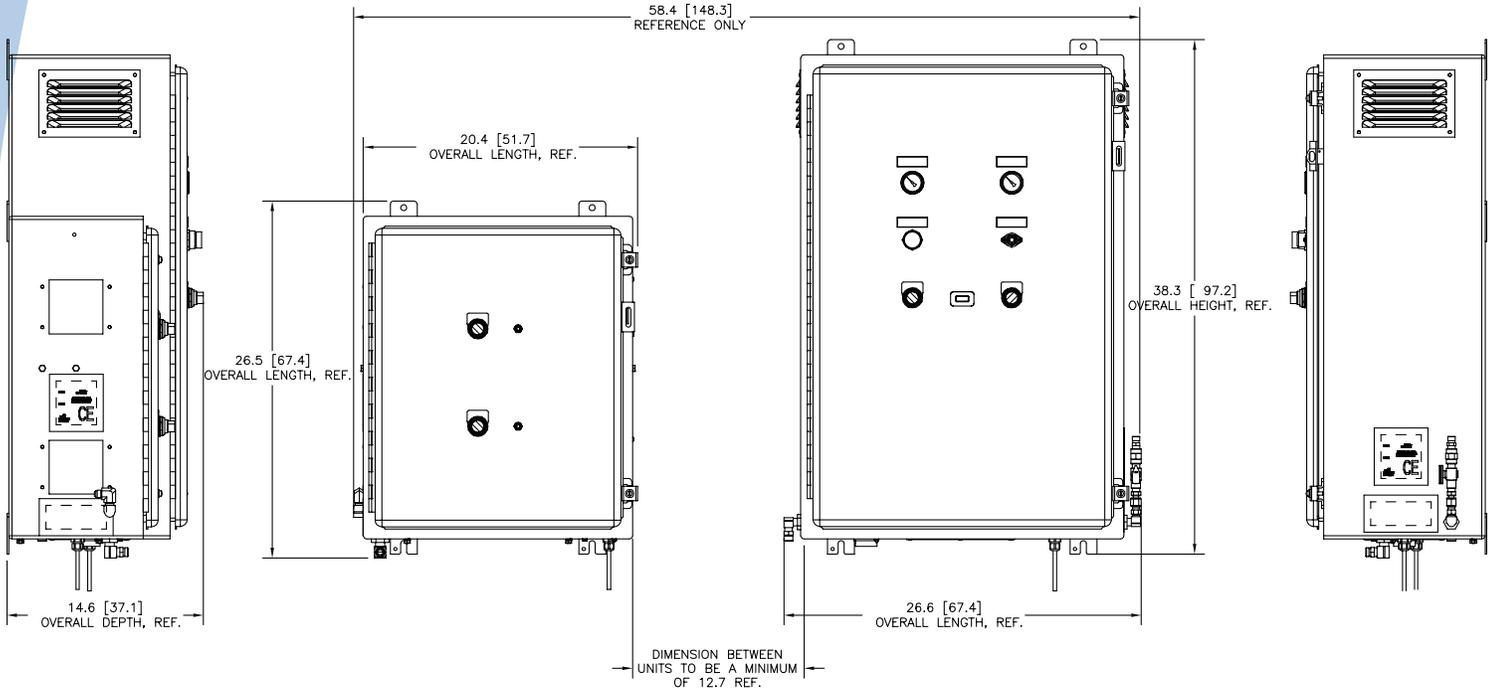
- Fish Farming

Specifications

Centrox

Product Characteristics	
Product Flow ¹	15 LPM (32 SCFH)
Product Pressure	50 psig (345 kPa)
Product Concentration (nominal)	93%
Product Dew Point	-100°F (-73°C)
Dimensions (W x D x H) (nominal)	
• Air Compressor Module	21 x 13 x 27 in (52 x 32 x 68 cm)
• PSA Concentrator Module	27 x 15 x 38 in (68 x 37 x 97 cm)
Weight	
• Air Compressor Module	100 lb (45 kg)
• PSA Concentrator Module	160 lb (73 kg)
Physical Connection	
Product Gas Outlet	¼" NPT x B size oxygen demand valve
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 (Single Phase)	120 V ~ ±10%, 60 Hz, 11.0 A or 220 V ~ ±10%, 50 Hz, 5.5 A
60 Gallon Oxygen Receiver Characteristics	
Dimensions (Dia. x H)	26 x 52 in (65 x 131 cm)
Weight	159 lb (72 kg)

¹ LPM (Liters per minute) gas measured at 1 atmosphere and 21°C / SCF (Standard cubic foot) gas measured at 1 atmosphere and 70°F



Note: All dimensions are nominal.

Ordering Information

Model	Part Number	Description
Centrox ¹	AS074-1	120 V ~ ±10%, 60 Hz
	AS074-2	220 V ~ ±10%, 50 Hz
	TA150-1	60 Gallon Oxygen Receiver
Accessories	KI046-1	Accessory Kit—Includes the following: <ul style="list-style-type: none"> • 10 ft Stainless Braided Oxygen Hose • Primary/Secondary Oxygen Ball Valve Assembly
	KI470-1	Accessory Kit—Includes the following: <ul style="list-style-type: none"> • 10 ft Stainless Braided Oxygen Hose • Regulator Assembly with Flowmeter
Shipping Information		
	Centrox	60 Gallon Oxygen Receiver
Class	92.5	70
Commodity Classification Number	8421.39.8040	7311.00.0000
Dimensions (W x D x H)	44 x 51 x 27 in (112 x 130 x 69 cm) with Accessory Kits, Boxed 34 x 52 x 50 in (86 x 132 x 127 cm) with Accessory Kits, Crated	28 x 30 x 56 in (71 x 76 x 142 cm)
Gross Weight	362 lb (164 kg) with Accessory Kits, Boxed 559 lb (254 kg) with Accessory Kits, Crated	177 lb (80 kg)

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 Interconnecting air hose, red included.

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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