



# Product

## CAPO Series PSA Oxygen Generator ◀



CAPO PSA Oxygen Generator applies Pressure Swing Adsorption technology to produce oxygen from compressed air. The CAPO series is a robust and stable on-site O<sub>2</sub> generation system, and is a very cost-effective, reliable source of O<sub>2</sub> used in various industries.

### Features and Benefits :

- Quick start and instant O<sub>2</sub> purity, to make product O<sub>2</sub> in Minimum 20 minutes.
- Specially selected ZMS, less sensitive to contamination and high stability to prevent breakdown, optimum PSA technology to ensure consistent O<sub>2</sub> purity and to reduce air consumption.
- Multiple protective measures to the ZMS, extending the service life of the CAPO O<sub>2</sub> generators.
- Air buffer and O<sub>2</sub> buffer tanks integrated with the O<sub>2</sub> generator into one skid, smaller footprint and easy to install, no need structural work, less cost.
- CANBUS system, a comprehensive control system, integral O<sub>2</sub> analyzer, to monitor and control the running conditions of the O<sub>2</sub> generation system, Wi-Ctrl Configuration is available, to realize remote control and system upgrades.
- Powder coating surface treatment technique, to make sure the hard finish tougher and last longer.
- Unique wide O<sub>2</sub> purity range (from 90% to 99+%) for customer flexibility.
- 7\*24 all around professional service.

### CAN GAS SYSTEMS COMPANY LIMITED

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13 strict quality control processes impart each CanGas<sup>®</sup> system outstanding quality and high reliability

## Specifications (93% O<sub>2</sub> Generators)

### Inlet Parameters

Inlet Air Quality: ISO 8573-1 Class 1-4-1

Inlet Air Pressure Range :6.5 - 7.5bar(g)

Inlet Air Temperature Range: 5 - 40 °C

### Environmental Parameters

Ambient Temperature: 5 - 45 °C

Altitude: <2000m (User at higher

altitude area please contact CAN GAS for more details)

Model	Capacity ( Nm <sup>3</sup> /h )	Purity	O <sub>2</sub> Outlet Pressure ( MPa )	Inlet/Outlet Connections ( mm )	Dimensions ( mm )
CAPO-3	2.2-3	93%±3%	0.3-0.5	DN15 G1/2	1200*1000*1840
CAPO-5	3.5-5			DN20 G1/2	1350*1200*2050
CAPO-10	6-7			DN25 G1/2	1500*1350*2350
	8-10			DN25 G1/2	1750*1550*2300
CAPO-15	11-13				
	14-15				
CAPO-20	16-17			DN40 G1/2	1850*1825*2350
	18-20			DN40 G1/2	2000*1900*2350
CAPO-25	21-25				
CAPO-30	26-30			DN40 G1/2	2100*2050*2400
CAPO-35	31-35			DN50 G1	2000*1300*2400
CAPO-40	36-42			DN50 G1	2000*1300*2800
CAPO-45	43-46			DN50 G1	2000*1300*2800
CAPO-50	47-52			DN50 G1	1800*1700*2400
CAPO-55	53-56			DN50 G1-1/2	2100*1800*2600
CAPO-60	57-63			DN65 G1-1/2	2200*1500*2700
CAPO-80	72-80			DN65 G1-1/2	2250*1550*2970
CAPO-90	81-90			DN65 G1-1/2	2300*1550*3050
CAPO-100	91-100			DN65 G1-1/2	2300*1550*3200
CAPO-110	110			DN80 G1-1/2	2300*1550*3300
CAPO-120	120	DN80 G1-1/2	2300*1550*3400		
CAPO-150	150	DN80 G1-1/2	2300*1550*3500		

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(Plus 95% & HP 99+% O<sub>2</sub> Generator) **Specifications**

**Inlet Parameters**

Inlet Air Quality: ISO 8573-1 Class 1-4-1

Inlet Air Pressure Range: 6.5 - 7.5bar(g)

Inlet Air Temperature Range: 5 - 40 °C

**Environmental Parameters**

Ambient Temperature: 5 - 45 °C

Altitude: <2000m (User at higher altitude area

please contact CAN GAS for more details)

Model	Capacity ( Nm <sup>3</sup> /h )	Purity	O <sub>2</sub> Outlet Pressure ( MPa )	Inlet/Outlet Connections ( mm )	Dimensions ( mm )
CAPO Plus-3	2.2-3	95%±1%	0.3-0.5	DN15 G1/2	1200*1000*1840
CAPO Plus-5	3.5-5			DN20 G1/2	1350*1200*2050
CAPO Plus-10	6-7			DN25 G1/2	1500*1350*2350
	8-10				
CAPO Plus-15	11-13			DN25 G1/2	1750*1550*2300
	14-15				
CAPO Plus-20	16-17			DN40 G1/2	1850*1825*2350
	18-20				
CAPO Plus-25	21-25			DN40 G1/2	2000*1900*2350
CAPO Plus-30	26-30			DN40 G1/2	2100*2050*2400
CAPO Plus-35	31-35			DN50 G1	2000*1300*2400
CAPO Plus-40	36-42			DN50 G1	2000*1300*2800
CAPO Plus-45	43-46			DN50 G1	2000*1300*2800
CAPO Plus-50	47-52			DN50 G1	1800*1700*2400
CAPO Plus-55	53-56			DN50 G1-1/2	2100*1800*2600
CAPO Plus-60	57-63	DN65 G1-1/2	2200*1500*2700		
CAPO-HP-3	3	99+%	0.5-1.0	DN20 G1/2	/
CAPO-HP-5	5			DN20 G1/2	
CAPO-HP-10	10			DN25 G1/2	
CAPO-HP-15	15			DN25 G1/2	
CAPO-HP-20	20			DN40 G1/2	
CAPO-HP-25	25			DN40 G1/2	
CAPO-HP-30	30			DN50 G1/2	
CAPO-HP-40	40			DN50 G1	

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