

Airstream

Mini Model

Oxygen Generator

Product Catalogue



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Innovative Compressed Air Solutions

Advantages of an Oxygen Generator

Airstream Small Model oxygen generators produce highly pure air from compressed air. These units are designed to amortize your investment in big quantities by saving oxygen consumption fast.

Optimal Equipment

- Dew point analyzer
- Oxygen analyzer
- Electronic flow meter
- Pressure and temperature transmitter to air and to oxygen
- Output sterile bacterium filter

Touch LCD display control panel properties

- Total work time display
- Automatic or manual operation
- Measurement of the gas purity constantly or instantly
- Time setting change
- Automatic stop control when outlet pressure increased

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Application Fields

- Hospitals
- Laboratories
- Oxyfuel technology
- Welding
- Brazing
- Steel Cutting
- Fish Farming
- Ozone
- Water water Treatment

Basic Technical Features

Oxygen Purity > up to 95%

Oxygen Pressure > Up to 150 bar

Minimum Air Pressure > 5 bar

Maximum Particle Content > 0.01 micron

Electrical Consumption > 150W

Technical Information

Airstream Small Model Oxygen Generators Technical Information

Model	Weight	Dimensions (L x W x H) mm	Particle Content (μm)	Inlet Air Pressure (BARg) Max	O2 Output Pressure (BARg)	Power Requirements
OKSI05	100	250 x 850 x 1120	0.01	7.5	0 to 5	110-240VAC/50Hz-150W
OKSI010	160	300 x 850 x 1620	0.01	7.5	0 to 5	110-240VAC/50Hz-150W
OKSI015	200	400 x 955 x 1270	0.01	7.5	0 to 5	110-240VAC/50Hz-150W
OKSI020S	240	400 x 955 x 1670	0.01	7.5	0 to 5	110-240VAC/50Hz-200W
OKSI020M	280	400 x 955 x 1930	0.01	7.5	0 to 5	110-240VAC/50Hz-200W
OKSI020L	300	400 x 955 x 2000	0.01	7.5	0 to 5	110-240VAC/50Hz-200W

Minimum Oxygen Output Flow With Compressed Air Inlet Pressure of 7.5 BAR (g)

Pin=7.5 bar (g)	O2 Flow (Nm ³ /h)	Compressed Air Consumption (Nm ³ /h)	O2 Flow (Nm ³ /h)	Compressed Air Consumption (Nm ³ /h)	O2 Flow (Nm ³ /h)	Compressed Air Consumption (Nm ³ /h)
MODEL/PURITY	90%	90%	93%	93%	95%	95%
OKSI05	0.35	3.55	0.3	3.55	0.25	3.55
OKSI010	0.8	7.9	0.65	7.9	0.56	7.9
OKSI015	1.2	12	1	12	0.85	12
OKSI020S	1.97	19.7	1.6	19.7	1.4	19.7
OKSI020M	2.8	28.6	2.2	28.6	2	28.6
OKSI020L	3.2	32	2.6	32	2.2	32

Technical Information

Reference Conditions:
* Compressed air effective inlet pressure: 7.5 bar (g)/108 psi (g)
* Oxygen outlet pressure: 5 bar (g)/72 psi (g)
* Ambient air temperature: 20°C/37°F
* Pressure dew point inlet air: 3°C/37°F
* Pressure dew point oxygen: -50°C/-58°F
* Unit inlet air quality 1.1.4 according to ISO8573-1:2010
* Minimum refrigerant dryer required to pre-condition inlet air
* Typical oxygen quality 1.2.1 according to ISO8573-1:2010
Operating Limits
* Minimum ambient temperature: 5°C/41°F
* Maximum ambient temperature: 45°C/113°F
* Maximum compressed air inlet air pressure 10 bar (g)/145psi (g)

Installation Pictogram



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