

## HIGH PURITY PSA OXYGEN GENERATORS > 99% O<sub>2</sub>

Mentis S-PSA High Purity Oxygen Generators use Single Stage Serial Pressure Swing Adsorption technology to separate oxygen molecules from other molecules in compressed air.

The result is high purity oxygen gas at the outlet of the generator.

The S-PSA series is the most cost-efficient source of oxygen used in various industries like health care, wastewater treatment, ozone production, glass industry, gold leaching, fish farming, and many others.



### Performance:

- \* Performance and air factor listed is for ambient temperature 25° C and inlet pressure 8 Bar(g)
- \* Standard outlet pressure of product oxygen : Up to 6.5bar(g)
- \* Flow listed in LPM (liters per minute)

Oxygen Purity (min)
M-SPSA20HP
M-SPSA30HP
M-SPSA40HP

96.00%	98.00%	99.00%
500 LPM	450 LPM	350 LPM
650 LPM	600 LPM	500 LPM
800 LPM	750 LPM	650 LPM

Press. Air Consumption @ 7.5 bar inlet pressure
5.90 m <sup>3</sup> /min.
7.20 m <sup>3</sup> /min.
10.00 m <sup>3</sup> /min.

### Features

- High-Quality Oxygen Gas: (vol. 99% oxygen)
  - Plug & Play design
  - Low footprint
  - Microprocessor controlled (Siemens PLC)
  - Touchscreen control panel
  - Low operating cost (0.9 kWh energy consumption per 1m<sup>3</sup> oxygen gas)
  - Fully automatic operation
  - Easy installation & maintenance
  - 24/7 Pressure, purity, and consumption chart records
  - Zirconia type oxygen sensor for exact oxygen purity
  - Integrated own desiccant air dryer system
  - Integrated own filtration system
  - Volumetric oxygen gas flow control display
  - 24/7 Online support
  - Automatic maintenance and service alarms
  - Remotely control via ethernet connection\*\*
- 
- Standard systems for in-door use only.
  - Required Clean, Dry, Compressed air Specifications : ISO 8573 Class 1.4.1 or better
  - Pre-assembled and pre-tested mounted on a painted steel skid for easy site installation and quick startup
  - Power: 100 - 230V - 1ph - 50/60 Hz- max 120W

For more information:

**Mentis Engineering Mechanical & Chemical Co.Ltd.-TURKEY**

[www.mentiseng.com](http://www.mentiseng.com)

[info@mentiseng.com](mailto:info@mentiseng.com)

Phone : +90 332 342 38 80

