

## 5 l/min VSA Oxygen Generator

### Technical Data Sheet



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#### **Product Code:**

A-005L VSA oxygen generator

The standard generator comes in one small self-contained unit ready simply to plug in and produce oxygen.

Unlike a PSA oxygen generator, no air compressor is required

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#### **Specifications**

- Product gas outlet flow rate: 5 l/min; 10.4 SCFH
- Product purity: 90%  $\pm$  2%
- Contained oxygen flow: 4.5 l/min (~8.7 Kg/day)  
At standard temperature and pressure, assuming continuous 24 hr/day operation @ 90% purity
- Oxygen delivery pressure:  
~2-5 psig (~0.14-0.34 bar)

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#### **Power**

- Electrical: 115V, 60Hz, single phase  
220-240V, 50Hz, single phase
- Total HP rating: 0.33 HP
- Power consumption: 0.25 kWh @ motor design voltage

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#### **Customer Connection**

- Product gas outlet: 3/8" FNPT (adaptors available)

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#### **Physical Characteristics**

- Dimensions: Approx. 25"w x 9"d x 19"h  
(0.64m w x 0.22m d x 0.48m h)
- Weight of complete unit: ~60 lbs (~27 Kg)
- Location: the generator can be located either inside or outside a building. In either case, for safety reasons, the generator must have good ventilation for the air inlet/outlet filter housing, which is nitrogen rich, and oxygen deficient

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### *Installation*

Place generator close to point of use and connect product gas outlet. Connect power supply. Nothing else is required.

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### *Options/Add-ons*

- Modifications for outdoor installation. (Please specify at time of order whether generator is for indoor or outdoor use).

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### *Warranty*

1-year unconditional parts

This generator is sold for use in industrial applications. Please contact Air Products and Chemicals, Inc. on generators for medical applications.

Air Products and Chemicals, Inc., continually improves its products and reserves the right to change specifications or design without notice.

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