



Oxygen Solutions Inc.

TECHNICAL DATA SHEET

OSI-3000 Oxygen Generator

Specifications:

• Discharge flow rate	• 1425 LPM, 3000 SCFH 2724 kg/day, 6000 lbs/day
• Oxygen purity	• 92% +/-2%
• Discharge pressure With booster compressor	• 4 to 6.5 psig 20 to 90 psig
• Operating temperature With temperature control options	• 40° F to 90° F -10° F to 120° F
• Power requirements	Generator: <ul style="list-style-type: none">• Voltage: 460, 60 hz three phase 380/415, 50 hz three phase• Connected HP: 60.• Power consumption: 32 kw Booster Compressor: <ul style="list-style-type: none">• Voltage: 460, 60 hz three phase 380/415, 50 hz three phase• Connected HP: 15• Power consumption: 12 kw
• Weight and Dimensions	• 11000 LBS 15' L x 7' W x 7'H
• Ventilation	• 2000 cfm
• Maintenance cost VSA unit Booster compressor unit	• Avg. \$175/month Based on 24/7/365 days/yr • Avg. \$168/month Based on 24/7/365 days/yr
• Average operating cost VSA unit Booster compressor unit	• \$0.13 per 100 ft ³ , \$0.046 per m ³ • \$0.045 per 100 ft ³ , \$0.016 per m ³ Based on \$0.10 per kwh



Oxygen Solutions Inc.

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VACUUM SWING ADSORPTION OXYGEN GENERATORS



BENEFITS

Lowest power consumption possible for a vacuum swing adsorption system

Compact and can be moved and installed with minimal handling

Totally self contained and can be on line in minimum time

Very low maintenance

Remote diagnostics and communications

Automatic turn-down to suit the demand and save energy

FEATURES

Available in 1/4 TPD (120 lpm), 1/2 TPD (240 lpm), 1 TPD (480 lpm), 3TPD (1500 lpm) and 5 TPD (2500 lpm)

Available in various voltages, 460, 380, 415 and 575 volts, 3 phase

Requires only the power connection and one hose connection

Will self adjust to the demand load

Self contained booster compressor up to 90 psig



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