



## ON-SITE OXYGEN GENERATOR

# DOCS 5000

Deployable Oxygen Concentration System (DOCS) 5000 oxygen generator comes as single or dual version and can deliver up to 20 tons per day of oxygen.

Characteristic	Value / Description
Discharge flow rate	10 tons per day   10600 scfh   Up to 5000 lpm   Up to 300 m <sup>3</sup> per hour
O <sub>2</sub> purity @ discharge flow rate	90% +/- 0.5%
O <sub>2</sub> output pressure w/out O <sub>2</sub> compressor	5 - 8 psig (higher pressures available upon request)
Operating temperature	0°F to 120°F
Operating power	460 VAC, 3-phase, 60 Hz or 380 VAC, 3-phase, 50 Hz
Average power consumption (estimate)	140 kW @ 5 psig output pressure 170 kW @ 40 psig output pressure
Amperage	220 (500) amps average (maximum) draw at 460 VAC configuration 320 (500) amps average (maximum) draw at 380 VAC configuration
Base dimensions (estimate)	30' L x 15' W x 19' H (single) 34' L x 25' W x 19' H (dual)
Weight (estimate)	35000 lbs (variable depending on configuration)
System assembly	Turn-key skid mounted systems
Average scheduled maintenance cost	\$200 - \$500 per month (depending on configuration)
Average operating cost @ 5 psig	\$0.10 - \$0.18 per 100 scf   \$0.04 - \$0.06 per m <sup>3</sup>



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*Note: Performance parameters stated at standard conditions*