



ON-SITE OXYGEN GENERATOR

DOCS 1500

Deployable Oxygen Concentration System (DOCS) 1500 offers the lowest cost per ccf of oxygen generated of any oxygen generator its size.

Characteristic	Value / Description
Discharge flow rate	1500 lpm 90 m ³ per hour 3 tons per day 3180 scfh
O ₂ purity @ discharge flow rate	93% +/- 3%
O ₂ output pressure w/out O ₂ 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)	48 kW @ 5 psig output pressure 55 kW @ 55 psig output pressure
Amperage	73 (180) amps average (maximum) draw at 460 VAC 89 (222) amps average (maximum) draw at 380 VAC
Base dimensions (estimate)	19.1' L x 7.7' W x 10.5' H
Weight (estimate)	15000 lbs (variable depending on configuration) 20000 lbs (with optional ISO container)
System assembly	Turn-key skid mounted systems
Average scheduled maintenance cost	\$100 - \$250 per month (depending on configuration)
Average operating cost @ 55 psig	\$0.13 - \$0.22 per 100 scf \$0.05 - \$0.07 per m ³

Note: Performance parameters stated at standard conditions

DOCS 1500 (continued)



DOCS 1500 in 20 ft high cube ISO container



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PCI has manufactured thousands of nitrogen and oxygen generation systems for operation in the most demanding and remote locations on earth. PCI's products enable customers to produce oxygen and nitrogen at the point-of-use, effectively eliminating the logistical supply chain associated with delivered product.

For more information please contact us at:

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