



DOCS 1500

Deployable Oxygen Concentration System (DOCS) 1500 offers the lowest cost per ccf / m³ of oxygen.

ON-SITE OXYGEN CONCENTRATOR

Characteristic	Value / Description
Discharge flow rate	3.2 tons per day 3180 scfh 1500 lpm 90 m ³ /hour
O ₂ purity @ discharge flow rate	93% +/- 3%
O ₂ output pressure w/out O ₂ compressor	7-10 psig 0.48-0.69 barg (PCI can supply external oxygen booster for higher pressures)
Operating temperature	0°F to 120°F -18°C to 49°C
Operating power	460 VAC, 3-phase, 60 Hz or 380 VAC, 3-phase, 50 Hz
Average power consumption (estimate)	43 kW @ 7 psig output pressure 51 kW @ 55 psig output pressure
Amperage @ 7 psig output pressure	55 (115) amps average (maximum) draw at 460 VAC configuration 66 (140) amps average (maximum) draw at 380 VAC configuration
Base dimensions (estimate)	19' L x 9' W x 12' H 580 cm x 274 cm x 366 cm
Weight (approximate)	20000 lbs 9000 kg
System assembly	Turn-key skid mounted systems
Average schedule maintenance cost	\$100-\$250 per month (depending on configuration)
Average operating cost at 7 psig	\$0.11-\$0.17 per 100 scf \$0.04-\$0.06 per m ³

¹ Performance parameters stated at standard conditions (59°F 14.7 psig 0% RH | 15°C 101.325kPa 0% RH)

² Available in CE compliant configuration

