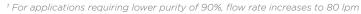


DOCS 80

Deployable Oxygen Concentration Systems (DOCS) is a lightweight, highly compact unit that can be deployed and made operational with minimal logistic support, obsolescing old oxygen supply methods. DOCS-200 & DOCS-500 Models are available

ON-SITE OXYGEN GENERATOR

Characteristic	Value / Description
Discharge flow rate ¹	80 lpm 4.8 m³ per hour 340 lbs per day 170 scfh
O2 purity @ discharge flow rate	93% +/- 3%
O ₂ output pressure	20 – 100 psig 1.4 – 6.9 bar
Output flow/pressure of one O ₂ booster ²	0°F to 120°F -18°C – 49°C
Operating temperature	0°F to 120°F -18°C – 49°C
Operating power	208 VAC, 3-phase, 60 Hz or 380 VAC, 3-phase, 50 Hz
Average power consumption	3.9 kW at 100 psig (6.9 bar) output pressure
Amperage	13 (26) amps average (maximum) draw at 240 VAC configuration 8 (16) amps average (maximum) draw at 380 VAC configuration
Unit Footprint dimensions	60" L x 45" W x 55" H 152 cm L x 114 cm W x 140 cm H
Weight of base unit	1,316 lbs 597 kg
Additional available options	 Vacuum pump to evacuate empty cylinders High Pressure Booster for cylinder refilling operations Remote Diagnostics & Remote Monitoring
Average scheduled maintenance cost	\$30 - \$90 per month
Average operating cost @ 55 psig	\$0.30 - \$0.40 per 100 scf \$0.10 - \$0.14 per m³





[?] If configuration with HP booster is selected

Note: Performance parameters stated at standard conditions