

ON-SITE OXYGEN GENERATOR

DOCS 2000

- **Industrial Configuration**
 Free-standing, modularized components with pre-fabricated electrical & mechanical module interconnects for rapid, low-cost installation



Characteristics	Value / Description
Discharge flow rate	2000 lpm 1114 Nm ³ /H 4237 scfh 4.25 STPD 3850 kg/day
O ₂ purity @ discharge flow rate	90%-96%
O ₂ output pressure	6 – 10 psig 0.4 – 0.7 barg ²
Operating temperature	0°F to 120°F -18°C – 49°C
Power requirements Site power source Plant	380/460/575 VAC +/- 10%, 50/60/60 Hz +/- 3%, 3-Phase, 400/200 Ampere 380/460/575 VAC, 50/60/60 Hz, 3-Phase, 279/231/160 FLA
Average power consumption	0.42-0.51 kW/Nm ³ /H at 10 psig (0.7 barg) output pressure
Process outlet connection	2" Hose Barbed Fitting (Booster: 1 1/2" Internal NPT Fitting)
Unit footprint dimensions (nom.) Crated dimensions (nom.)	348" L x 133" W x 171" H 884 cm L x 338 cm W x 434 cm H Please contact your PCI representative for shipping information.
Unit weight (est.) Crated Weight (nom.)	20,800 lbs 9299 kg Please contact your PCI representative for shipping information.
Average scheduled maintenance cost	\$100 – \$140 per month
Average operating cost@ 55 psig	\$0.13 – \$0.16 per 100 scf \$0.04 – \$0.06 per m ³
Additional available options	Remote monitoring & diagnostics suite 4-20 mA Communication to external controller (0-10V standard) Mass flow control assembly Automatic sleep mode feature for low-demand situations

¹ Performance parameters stated at standard conditions (59°F 14.7 psia 0% RH | 15°C 101.325kPa 0% RH). Operation in atypical conditions may affect performance. For more information, please consult your PCI technical representative.

² PCI offers an external oxygen booster for higher pressures up to 100 psig | 6.9 barg.

³ Available in CE compliant configurations.

⁴ Electrical enclosure cUL listed.