

ON-SITE OXYGEN GENERATOR

DOCS 80

- > **Industrial Configuration**
 Superior Reliability - Easy Serviceability
 Modular and Turn-Key System For Easy Installation



Characteristics	Value / Description
Discharge flow rate	80 lpm 4.8 m3 per hour 170 scfh 340 lbs per day 153 kg per day
O ₂ purity @ discharge flow rate	93% +/- 3%
O ₂ output pressure	10 – 100 psig 0.7 – 6.9 barg
Operating temperature	0°F to 120°F -18°C – 49°C
Power requirements Site power source Plant	208/220 VAC +/- 10%, 50/60 Hz +/- 3%, 3-Phase, 50 Ampere 208/220 VAC, 50/60 Hz, 3-Phase, 28 FLA
Average power consumption	3.1 kW at 20 psig (1.4 barg) output pressure 3.3 kW at 55 psig (3.8 barg) output pressure 3.7 kW at 100 psig (6.9 barg) output pressure
Process outlet connection	1/2" Internal NPT Fitting
Unit footprint dimensions (nom.) Crated dimensions (nom.)	60" L x 45" W x 55" H 152 cm L x 114 cm W x 140 cm H 78" L x 56" W x 67" H 200 cm L x 142 cm W x 170 cm H
Unit weight (nom.) Crated Weight (nom.)	1,316 lbs 597 kg 1,910 lbs 867 kg
Average scheduled maintenance cost	\$80 - \$100 per month
Average operating cost @ 55 psig	\$0.24 - \$0.32 per 100 scf \$0.09 - \$0.11 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 Platinum 3 plus 10 Warranty

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 with your PCI technical representative.

² Available in CE compliant configuration.

³ Electrical enclosure cUL listed.