



# DOCS 5000 Booster

Booster module for supplying DOCS produced oxygen at pressures up to 100 psig (6.9 barg). Module is equipped with 4 to 6 parallel compressors depending on site location and application pressure requirements.

## OXYGEN BOOSTER

Characteristic	Value / Description
Discharge flow rate	5000 lpm   300 m3 per hour   10600 scfh   10.5 STPD   9540 kg per day
O <sub>2</sub> Output Pressure	20-100 psig   1.4-6.9 barg
Operating Temperature	0° F to 120° F   -18°C to 49° C
Power Requirements <sup>2</sup> Site power source Plant	380/460/575 VAC +/- 10%, 50/60/60 Hz +/- 3%, 3-Phase, 150/120/90 Ampere 380/460/575 VAC, 50/60/60 Hz, 3-Phase, 100/75/60 FLA
Average Power Consumption	20 - 22 kW at 20 psig   1.4 barg 22 - 25 kW at 55 psig   3.8 barg 25 - 28 kW at 100 psig   6.9 barg
Process Outlet Connection	2.5" Internal NPT Fitting
Unit Footprint Dimensions (nom.) Packaged Dimensions (nom.)	129"L x 49"W x 116"H   328 cm L x 125 cm H x 295 cm H Contact PCI for packaged dimensions.
Unit Weight (nom.) Packaged Weight (nom.)	5,150 lbs   2340 kg with five (5) compressors Contact PCI for packaged weights.

<sup>1</sup> 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.

<sup>2</sup> Data for booster with six compressors.

