

# OXYGEN BOOSTER

## DOCS 2500 Booster

### > Industrial Configuration

Free-standing, modularized components with pre-fabbed electrical & mechanical module interconnects for rapid, low-cost installation



Characteristics	Value / Description
Discharge flow rate	2400 lpm   144 m <sup>3</sup> per hour   5085 scfh   5 STPD   4620 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 Site power source Plant	380/460/575 VAC +/- 10%, 50/60/60 Hz +/- 3%, 3-Phase, 46/40/30 Ampere
Average power consumption	<b>14-15</b> kW at 20 psig   1.4 barg <b>16-17</b> kW at 55 psig   3.8 barg <b>18-20</b> kW at 100 psig   6.9 barg
Process outlet connection	2" Internal NPT Fitting
Unit footprint dimensions (nom.) Crated 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.) Crated Weight (nom.)	4,150 lbs   1880 kg with three (3) 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 three (3) compressors. For installations at elevation of 2,000 ft (609 m) consult PCI for design options