



ON-SITE OXYGEN GENERATOR

EDOCS 120B

Expeditionary Deployable Oxygen Concentration System (EDOCS) 120B currently provides medical oxygen to the United States Air Force, Army and Coalition forces in Iraq and Afghanistan.

Overview

The EDOCS-120B oxygen concentrator generates 120 liters per minute (lpm) at 85 psi. The oxygen can be delivered directly from the concentrator to the hospital distribution system at 85 psi and/or supplied to the boost compressor. The built-in boost compresses the gas to 2,250 psi for the purpose of filling standard medical oxygen cylinders utilizing a cylinder-filling manifold. A vacuum pump is included with the EDOCS to evacuate cylinders prior to filling.



Characteristics

Manufacturer tested and certified

Production rate of 120 lpm | 7.2 m³/hour

USP 93% purity +/- 3

Delivery pressure without boost compressor: 85 psig | 5.5 bar

Delivery pressure with boost compressor: 2250 psig | 15 bar

42" W x 104" L x 67" H | 1.07m x 2.64m x 1.70m

Less than 3,500 lbs | 1,590 kg

Power – 208 - 240 VAC, 3 Phase 50/60 Hz

Cylinder filling capability

2 hours on-board oxygen backup capability

FDA approved

Additional Information

PCI has manufactured thousands of nitrogen and oxygen generation systems for operation in the most demanding and remote locations on earth. PCI's products enable customers to produce oxygen and nitrogen at the point-of-use, effectively eliminating the logistical supply chain associated with delivered product. PCI is a technology focused company and offers a wide range of solutions to meet your needs.

Please contact insidesales@pcigases.com for more information