

SPECS: OG-250

OXYGEN OUTPUT.....250 scf*/hr @ 45 psig
 6.7 Nm³**/hr @ 310 kPa
 DEWPOINT.....-100° F (-73° C)
 OXYGEN PURITY.....93% ± 3%
 AIR FLOW REQ.....45 scf*/min. (avg. flow) @ 90-150 psig
 1.18 Nm³**/min (avg. flow) @ 621 kPa
 AIR QUALITY REQ.....ISO 8573.1 CLASS 1.4.1 MINIMUM (see below)
 SOUND LEVELS.....70dba @ 1 meter
 DIMENSIONS.....30" x 25" x 81" (WxDxH)
 762cm x 63.5cm x 205.8cm
 WEIGHT.....1100 lbs. (499 Kg.)
 POWER.....120 VAC, 60 Hz, 50 Watts or
 220 VAC, 50 Hz, 50 Watts
 AIR INLET.....3/4" FNPT BULKHEAD
 OXYGEN OUTLET.....1/4" NPT BULKHEAD
 (WITH "B" SIZE O2 NUT 9/16" - 18UNF - 2B)
 RECOMMENDED MINIMUM AIR STORAGE TANK (AST)
 SIZE.....120 GALLONS
 RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST)
 SIZE.....120 GALLONS

SPECS: ISO 8573.1 CLASS 1.4.1
 DIRT PARTICLES 1-5 MICRON.....0
 WATER PRESSURE DEWPOINT.....+37°F (940)
 (ppm.vol.) AT 100 psig
 OIL ppm (including vapor).....0.01

* A Standard Cubic Foot (SCF) is a cubic foot of gas at 14.7 psia (sea level atmospheric pressure) and 60 degrees Fahrenheit
 **A Normal Cubic Meter (Nm³) is a cubic meter of gas at 760mm Hg (sea level atmospheric pressure) and 0 degrees Celsius

REVISIONS			
REV	DESCRIPTION	DATE	CHK
A	CHANGED AIR QUALITY REQUIRED SPEC	10/25/05	JCP
EDN # 05-10-035 OGSI 814 Murkisser Drive N. Tonawanda, NY 14120 Phone: (716) 664-5165 Fax: (716) 664-5173			
FILE NAME		PLOT SCALE	
DG-250 GEN ARR REV A		NTS	
ENGINEER		EFFECTIVITY OR SERIAL NO.	
J. M. McMAHON		DATE	
09/08/03		PAGE	
1 OF 1		DRAWN BY	
J.C. PALONE		TITLE	
GENERAL ARRANGEMENT		DG-250	

