NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
2. DIMENSIONS MAY VARY +/- .25 INCH (.63 CM)

SPECIFICATIONS: OG-100

OXYGEN OUTPUT.............................................100 SCFH @ 45 PSI
2.6 Nm/hr @ 310 kPa
OXYGEN DEWPOINT......................................-100 °F (-73 °C)
OXYGEN PURITY.........................................93 % ± 3 %
AIR INLET.................................................3/8" FNPT BULKHEAD
OXYGEN OUTLET FITTING..............................CGA 022 (OXYGEN B FITTING)

FEED AIR REQUIREMENTS..........................COMPRESSOR NOT INCLUDED ON STANDARD MODELS
22 SCFM (AVG. FLOW) FOR COMPRESSOR-LESS MODELS
AT 90 PSIG INCOMING PRESSURE

AIR QUALITY REQ........................................ISO 8573.1 CLASS 1.4.1 MINIMUM (SEE BELOW)

SOUND LEVELS:
STANDARD (WITHOUT COVER) ....................70 dBA @ 1 M

DIMENSIONS:
STANDARD................................................24 IN x 24 IN x 69 IN (WxDxH)
(61 CM) x (61 CM) x (175 CM) (WxDxH)

APPROXIMATE WEIGHT:
STANDARD (NO COVER, NO FEET).............600 LB (272 KG)

POWER REQUIREMENTS:
STANDARD (NORTH AMERICA)..................115 VAC, 60 HZ, SINGLE PHASE, 0.5 A
OPTIONAL (INTERNATIONAL)......................230 VAC, 50 HZ, SINGLE PHASE, 1.0 A
OPTIONAL (INTERNATIONAL)......................230 VAC, 60 HZ, SINGLE PHASE, 1.0 A

RESPONSE TIME........................................APPROXIMATELY 3 CYCLES TO ATTAIN
MAXIMUM CONCENTRATION/PURITY AFTER
INITIAL START-UP OR EXTENDED SHUTDOWN

POSITIONING..............................................THE UNIT MUST BE OPERATED IN AN UPRIGHT
POSITION ONLY, WITH NO OBSTRUCTION
BLOCKING AIR FLOW AROUND THE UNIT.

RECOMMENDED MINIMUM AIR STORAGE TANK (AST) SIZE.................................60 GALLONS
RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE..........................60 GALLONS

SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1

DIRT PARTICLES 1-5 MICRON...........................0
WATER PRESSURE DEWPOINT ......................+37 °F (3 °C) (940 PPM AT 100 PSIG)
OIL CONCENTRATION (INCLUDING VAPOR)...........0.01 (<1/3 3 PPM)

*A STANDARD CUBIC FOOT (SCF) IS A CUBIC FOOT OF GAS AT
14.7 PSIA (SEA LEVEL ATMOSPHERIC PRESSURE) AND 60 °F