SPECIFICATIONS: OG-1250

OXYGEN OUTPUT ...................................................... 1250 SCFH @ 45 PSI
32.9 Nm/hr³ @ 310 kPa

OXYGEN DEWPOINT .................................................. -100 °F (-73 °C)

OXYGEN PURITY ....................................................... 93 % ± 3 %

AIR INLET ............................................................. 1" MNPT BULKHEAD

OXYGEN OUTLET FITTING ............................................ CGA 024 (OXYGEN C FITTING)

FEED AIR REQUIREMENTS ........................................... 225 SCFM (AVG. FLOW)
AT 90 PSI INCOMING PRESSURE
5.91 Nm³ (AVG. FLOW) @ 621 kPa

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

SOUND LEVELS ....................................................... STANDARD (WITHOUT COVER) 75 dBA @ 1 M

DIMENSIONS: ............................................................... 60 IN x 50 IN x 126 IN (WxDxH)
152.4 CM x 127 CM x 320 CM (WxDxH)

APPROXIMATE WEIGHT: ............................................... 4500 LB (2041 KG)

POWER REQUIREMENTS: .............................................

STANDARD (NORTH AMERICA) ..................................... 115 VAC, 60 HZ, SINGLE PHASE, 1.0 A

OPTIONAL (INTERNATIONAL) ....................................... 230 VAC, 50 HZ, SINGLE PHASE, 0.5 A

OPTIONAL (INTERNATIONAL) ....................................... 230 VAC, 60 HZ, SINGLE PHASE, 0.5 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. 6 IN MINIMUM CLEARANCE ON ALL SIDES.

RECOMMENDED MINIMUM AIR STORAGE TANK (AST) SIZE: ................. 400 GALLONS

RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE: ............. 400 GALLONS

SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1

DIRT PARTICLES 1-5 MICRON ........................................ 0

MAX PRESSURE DEWPOINT ............................................. +37 °F (3 °C) (940 PPM AT 100 PSI)

MAX OIL CONCENTRATION (INCLUDING VAPOR) ............................... 0.01 (%= 3 PPM)

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

REMOVING ALL BURRS AND BREAK SHARP EDGES 1/16" MAX

DO NOT SCALE DRAWING

REV. DESCRIPTION DATE APPR. ECN

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