**REFERENCES:**

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

**SPECIFICATIONS: OG-3000**

**OXYGEN OUTPUT**
- 3000 SCFH @ 45 PSI
- 80.25 Nm/hr² @ 310 kPa

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

**OXYGEN PURITY**
- 93 % ± 3 %

**AIR INLET**
- 3" NPT BULKHEAD

**OXYGEN OUTLET FITTING**
- 1-1/2" FNPT BULKHEAD
- (1-1/2" NPT OXYGEN COUPLING)

**FEED AIR REQUIREMENTS**
- COMPRESSOR NOT INCLUDED ON STANDARD MODELS
- 675 SCFM (AVG. FLOW) FOR COMPRESSOR-LESS MODELS
- AT 90 PSIG INCOMING PRESSURE
- 17.77 Nm³/min (AVG. FLOW) @ 621 kPa

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

**SOUND LEVELS:**
- STANDARD (WITHOUT COVER) ...............76 dBA @ 1 M

**DIMENSIONS:**
- STANDARD ..............................................75 IN x 57 IN x 150.8 IN (WxDxH)
- (190.5 CM) x (144.8 CM) x (383 CM) (WxDxH)

**APPROXIMATE WEIGHT:**
- STANDARD (NO COVER, NO FEET) ..........11,000 LB (4990 KG)

**POWER REQUIREMENTS:**
- STANDARD (NORTH AMERICA) ..............115 VAC, 60 HZ, SINGLE PHASE, 6.0 A
- OPTIONAL (INTERNATIONAL)...............230 VAC, 50 HZ, SINGLE PHASE, 3.0 A
- OPTIONAL (INTERNATIONAL)...............230 VAC, 60 HZ, SINGLE PHASE, 3.0 A

**RESPONSE TIME**
- APPROXIMATELY 2 MINUTES 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

**RECOMMENDED MINIMUM AIR STORAGE TANK (AST) SIZE**
- 1060 GALLONS

**RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE**
- 1060 GALLONS

**SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1**

**DIRT PARTICLES 1-5 MICRON**
- 0

**WATER PRESSURE DEWPOINT**
- +37°F (940 PPM AT 100 PSIG)

**OIL CONCENTRATION**
- (INCLUDING VAPOR) .......................0.01

**UNLESS OTHERWISE SPECIFIED**

- DECIMALS: .XX +/- .02
- FRACTIONS: XXXX +/- 1/16
- ANGLES: +/- 1°

**STOCK NO.**
- QTY.

**DESCRIPTION**

**PART NO.**
- 10019

**DRAWING TITLE:**
- GEN ARRANGEMENT, OG-3000 S6

**DRAWING DATE:**
- 08/11/15

**DRAWN:**
- A. KAMBLE

**CHECKED:**
- A. MOEHLAU

**APPROVED:**
- 08/11/15

**MATERIAL:**

**PROPRIETARY AND CONFIDENTIAL**

All drawings, descriptions, prints, specifications, etc. bearing this notice, together with the information, and ideas contained therein, are the sole and exclusive property of Audubon Machinery Corp. Any disclosure or use thereof not authorized in writing by Audubon Machinery Corp. is unlawful and will be prosecuted to the full extent of the law.

AUDUBON MACHINERY CORP.
814 Wurlitzer Dr., N. Tonawanda, NY 14120

SHEET: 1 OF 1

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