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

SPECIFICATIONS: OG-25

- **OXYGEN OUTPUT**: 25 SCFH @ 45 PSI
  - 11.8 L/MIN @ 3.1 BAR
- **OXYGEN DEWPOINT**: -100 °F (-73 °C)
- **OXYGEN PURITY**: 93 % ± 3 %
- **AIR INLET**: 1/4" FNPT BULKHEAD
- **OXYGEN OUTLET FITTING**: CGA 022 (OXYGEN B ADAPTER)

FEED AIR REQUIREMENTS

- COMPRESSOR NOT INCLUDED ON STANDARD MODELS
  - 6.5 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 ............................................. 16 IN x 13 IN x 51 IN (WxDxH)
  - (41 CM) x (33 CM) x (129 CM) (WxDxH)
- APPROXIMATE WEIGHT:
  - STANDARD (NO COVER, NO FEET) ....... 190 LB (86.2 KG)

POWER REQUIREMENTS:

- STANDARD (NORTH AMERICA) ............... 115 VAC, 60 HZ, SINGLE PHASE, 0.50 A
- OPTIONAL (INTERNATIONAL) ................. 230 VAC, 50 HZ, SINGLE PHASE, 0.25 A

RESPONSE TIME

- APPROXIMATE 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

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 (+/- 3 PPM)

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

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**PROPRIETARY AND CONFIDENTIAL**

**AUDUBON MACHINERY CORP.**

814 Wurlitzer Dr., N. Tonawanda, NY 14120

DRAWING TITLE: GENERAL ARRANGEMENT OG-25

DRAWING BY: J.FENTON

DATE: 6/14/2012

CHECKED: DATE: }

DRAWN: FRACTIONS: +/- 1/16

ANGLES: +/- 1/16

DECIMALS: .XXX +/- .005

ENQUIRY: MATERIALS: ASSY

UNLESS OTHERWISE SPECIFIED

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

DO NOT SCALE DRAWING