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

**SPECIFICATIONS: OG-1000**

OXYGEN OUTPUT: 1000 SCFH @ 45 PSI
- 26.3 Nm/hr @ 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: 175 SCFM (AVG. FLOW)
- AT 90 PSIG INCOMING PRESSURE
- 4.60 Nm/hr (AVG. FLOW) @ 621 kPa

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

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

**DIMENSIONS:**
- STANDARD (NO COVER, NO FEET)........4250 LB (1928 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

**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

**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

**WATER PRESSURE DEWPOINT:** +37 °F (3 °C) (940 PPM AT 100 PSIG)

**OIL CONCENTRATION (INCLUDING VAPOR):** 0.01 (0a/0b 3 PPM)

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

**POWER CORD:** 10' LONG

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

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

**OXYGEN OUTLET FITTING:** CGA 024 (OXYGEN C FITTING)

**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

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

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**RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE:** 400 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 (0a/0b 3 PPM)

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