

**NOTES:**

1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.

REV.	DESCRIPTION	DATE	APPR.
A	SEE ECN 1309005	03/10/14	AK

**SPECIFICATIONS:**

OXYGEN OUTPUT.....15 SCFH @ 12 psi  
7 L/min @ 0.8 bar

OXYGEN DEWPOINT.....-60 °F (-51 °C)

OXYGEN PURITY.....93 % ± 3 %

OXYGEN OUTLET FITTING.....CGA 022 (OXYGEN B FITTING)

FEED AIR REQUIREMENTS.....COMPRESSOR INCLUDED ON STANDARD MODELS  
4 SCFM (AVG. FLOW) FOR COMPRESSOR-LESS MODELS  
AT 30-45 PSIG INCOMING PRESSURE

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

**SOUND LEVELS:**

STANDARD (WITHOUT COVER) .....68 dBA @ 1 m  
WITH COVER.....65 dBA @ 1 m  
WITH REDUCED NOISE OPTION.....55 dBA @ 1 m

**DIMENSIONS:**

STANDARD.....17 in x 10 in x 27.5 in (WxDxH)  
(43 cm) x (25.5 cm) x (70 cm) (WxDxH)

WITH FEET.....17 in x 10 in x 28.5 in (WxDxH)  
(43 cm) x (25.5 cm) x (72.5 cm) (WxDxH)

**APPROXIMATE WEIGHT:**

STANDARD (NO COVER, NO FEET).....65 lb (30 kg)  
WITH COVER.....78 lb (35 kg)  
WITH FEET.....ADD 1 lb (0.45 kg)

**POWER REQUIREMENTS:**

STANDARD (NORTH AMERICA).....115 VAC, 60 Hz, SINGLE PHASE, 10.0 A  
OPTIONAL (INTERNATIONAL).....230 VAC, 50 Hz, SINGLE PHASE, 5.0 A  
OPTIONAL (INTERNATIONAL).....230 VAC, 60 Hz, SINGLE PHASE, 5.0 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.  
6 IN MINIMUM CLEARANCE ON ALL SIDES.

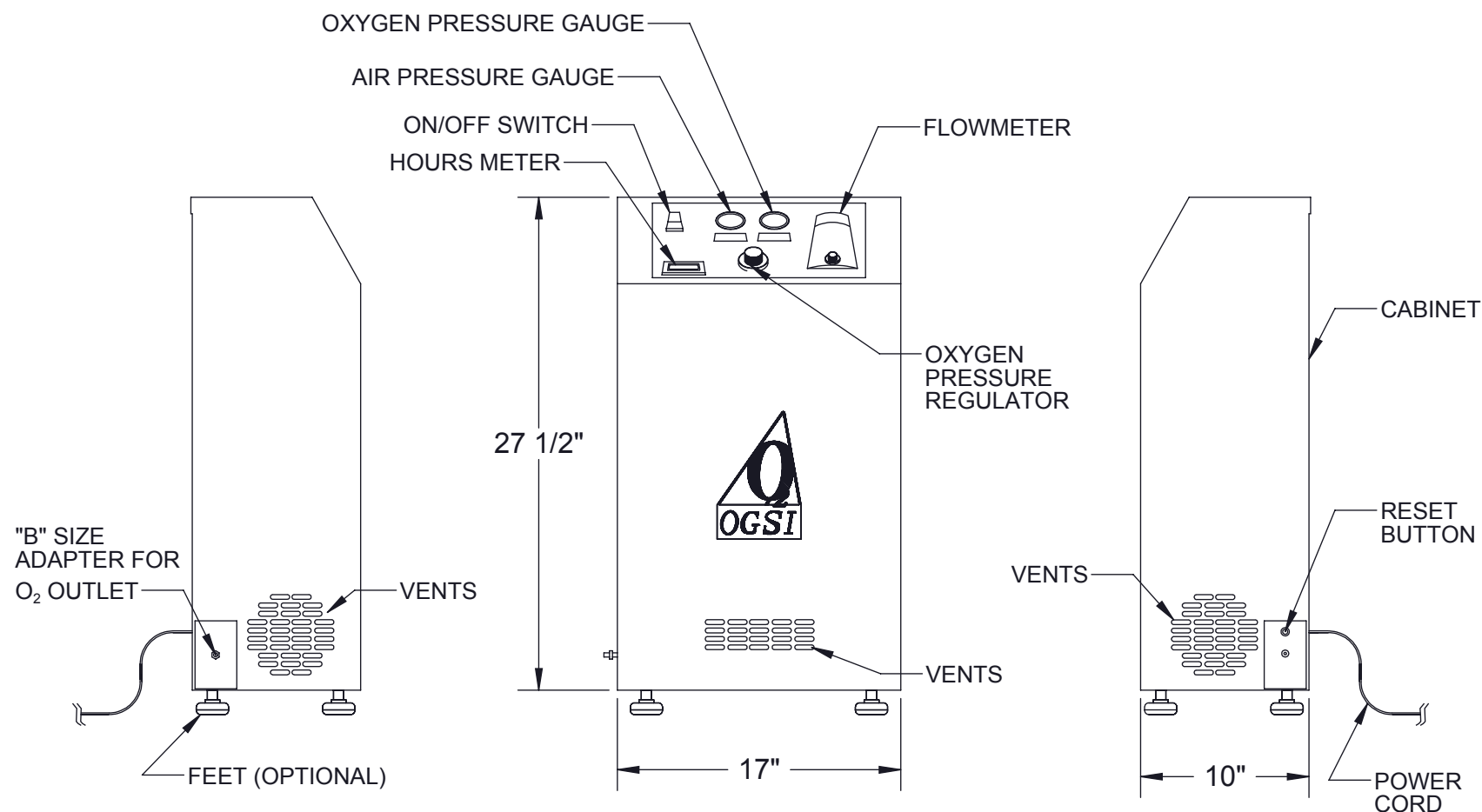
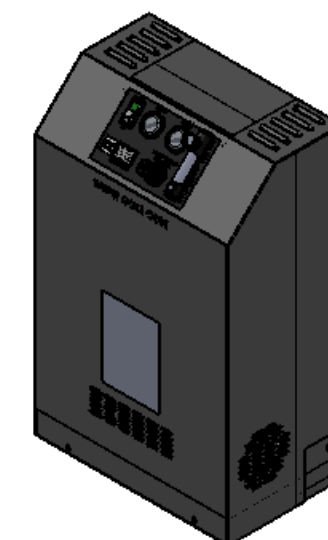
**SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1**

MAX. SOLID PARTICLE SIZE.....0.1 MICRON

MAX. PRESSURE DEWPOINT .....+37 °F (3 °C)

MAX. OIL CONCENTRATION  
(INCLUDING VAPOR).....0.008 ppm (.01 mg/m<sup>3</sup>)

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



DRAWN:		DATE:	PART NO.:	DRAWING TITLE:	
T. MEYER		6/13/2012	10001	GENERAL ARRANGEMENT, OG15 & OG15T	
CHKD: A. KAMBLE		01/09/14		STOCK NO.	QTY.
UNLESS OTHERWISE SPECIFIED					MATERIAL
DECIMALS: .XXX +/- .005			REMOVE ALL BURRS AND BREAK SHARP EDGES 1/16" MAX		
FRACTIONS: +/- 1/16			DO NOT SCALE DRAWING		
ANGLES: +/- 1°			SHEET: 1 OF 1		
AUDUBON MACHINERY CORP.		814 Wurlitzer Dr., N. Tonawanda, NY 14120			

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