

**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.....20 SCFH @ 20 PSI  
9.4 L/MIN @ 1.4 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  
4.9 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).....67 LB (30.4 KG)  
WITH COVER.....80 LB (36.3 KG)  
WITH FEET.....ADD 1 LB (0.45 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 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

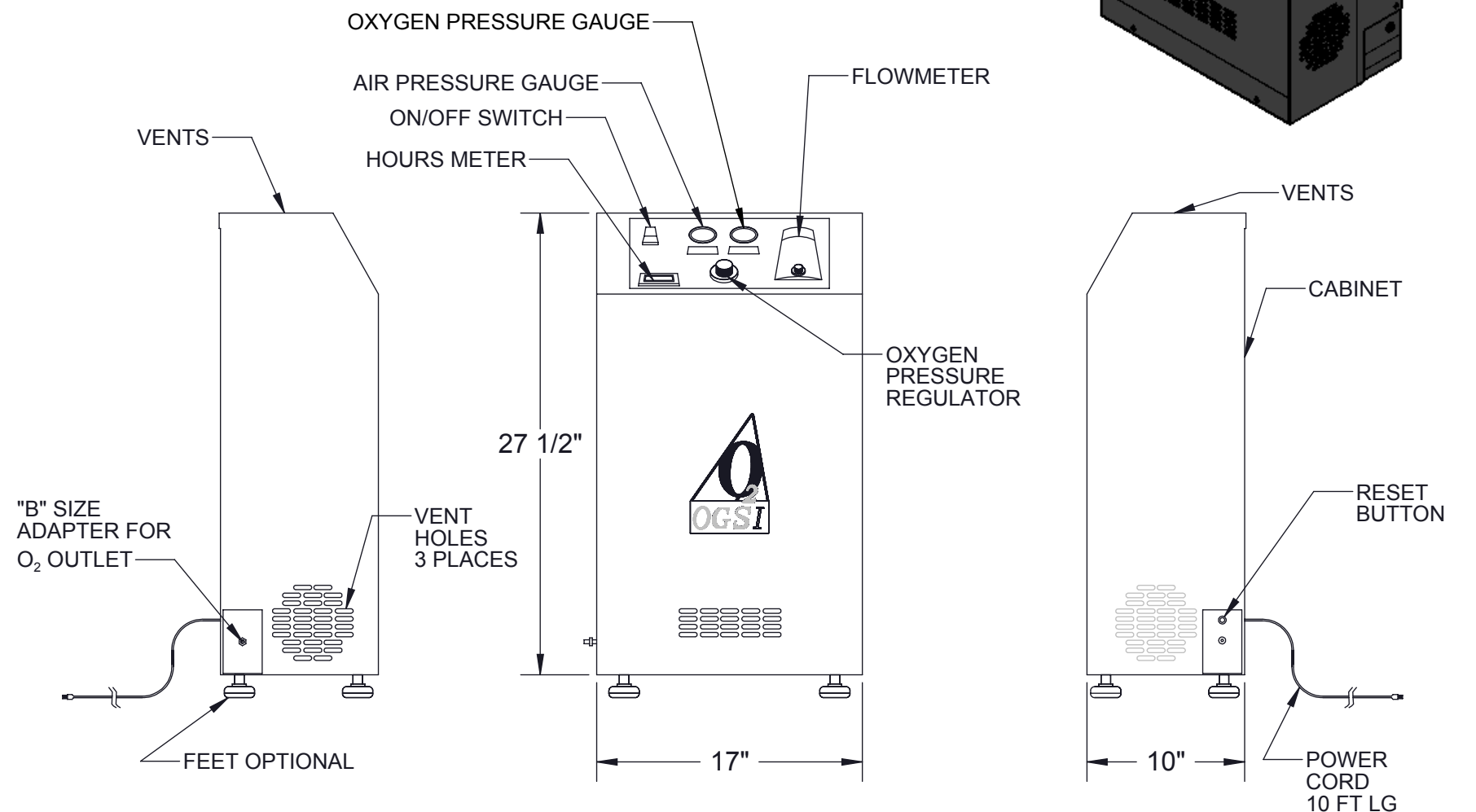
**SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1**

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



DRAWN:		DATE:	PART NO.:	DRAWING TITLE:		
T. MEYER		09/01/13	10002	GENERAL ARRANGEMENT, OG20 & OG20T		
S. GILMOUR		03/10/14				
UNLESS OTHERWISE SPECIFIED			STOCK NO.	QTY.	DESCRIPTION	MATERIAL
DECIMALS: .XXX +/- .005						
FRACTIONS: +/- 1/16						
ANGLES: +/- 1°						
REMOVE ALL BURRS AND BREAK SHARP EDGES 1/16" MAX					DO NOT SCALE DRAWING	
AUDUBON MACHINERY CORP.			814 Wurlitzer Dr., N. Tonawanda, NY 14120			
					SHEET: 1 OF 1	

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**SMC**

Z:\Engineering\OGSI products\General Arrangement Drawings\10002 OG20 GEN ARR