

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, 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 CLEARANCE ON ALL SIDES.

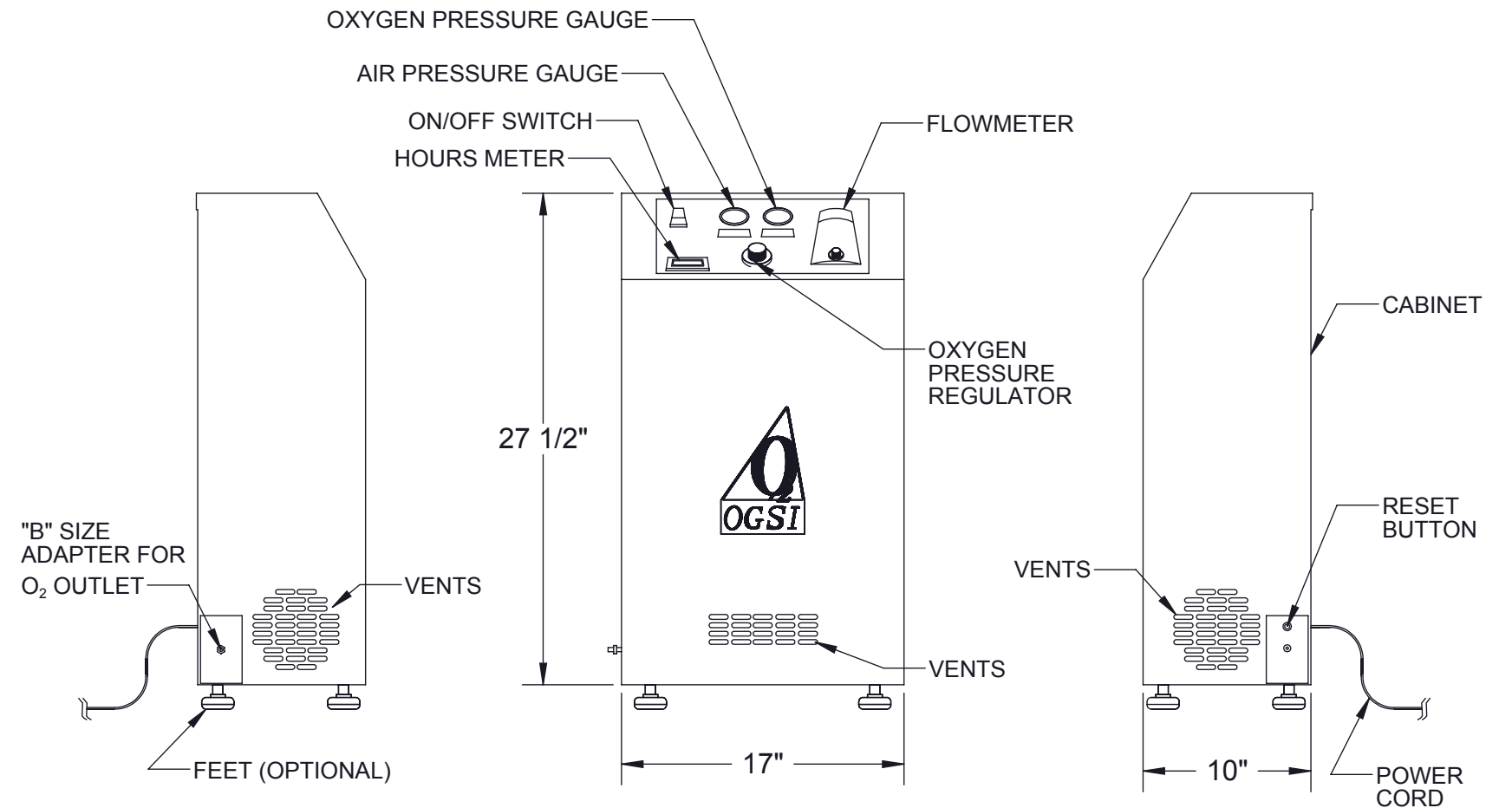
SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1

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

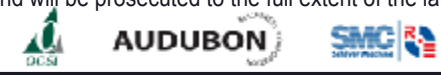
MAX. PRESSURE DEWPOINT+37 °F (3 °C)

MAX. OIL CONCENTRATION
(INCLUDING VAPOR).....0.008 ppm (.01 mg/m³)

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



PROPRIETARY AND CONFIDENTIAL		DRAWN: T. MEYER DATE: 6/13/2012		PART NO: 10001		DRAWING TITLE: GENERAL ARRANGEMENT, OG15 & OG15T	
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UNLESS OTHERWISE SPECIFIED		DECIMALS: .XXX +/- .005		FRACTIONS: +/- 1/16		DESCRIPTION	
		.XX +/- .02		ANGLES: +/- 1°		MATERIAL	
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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