

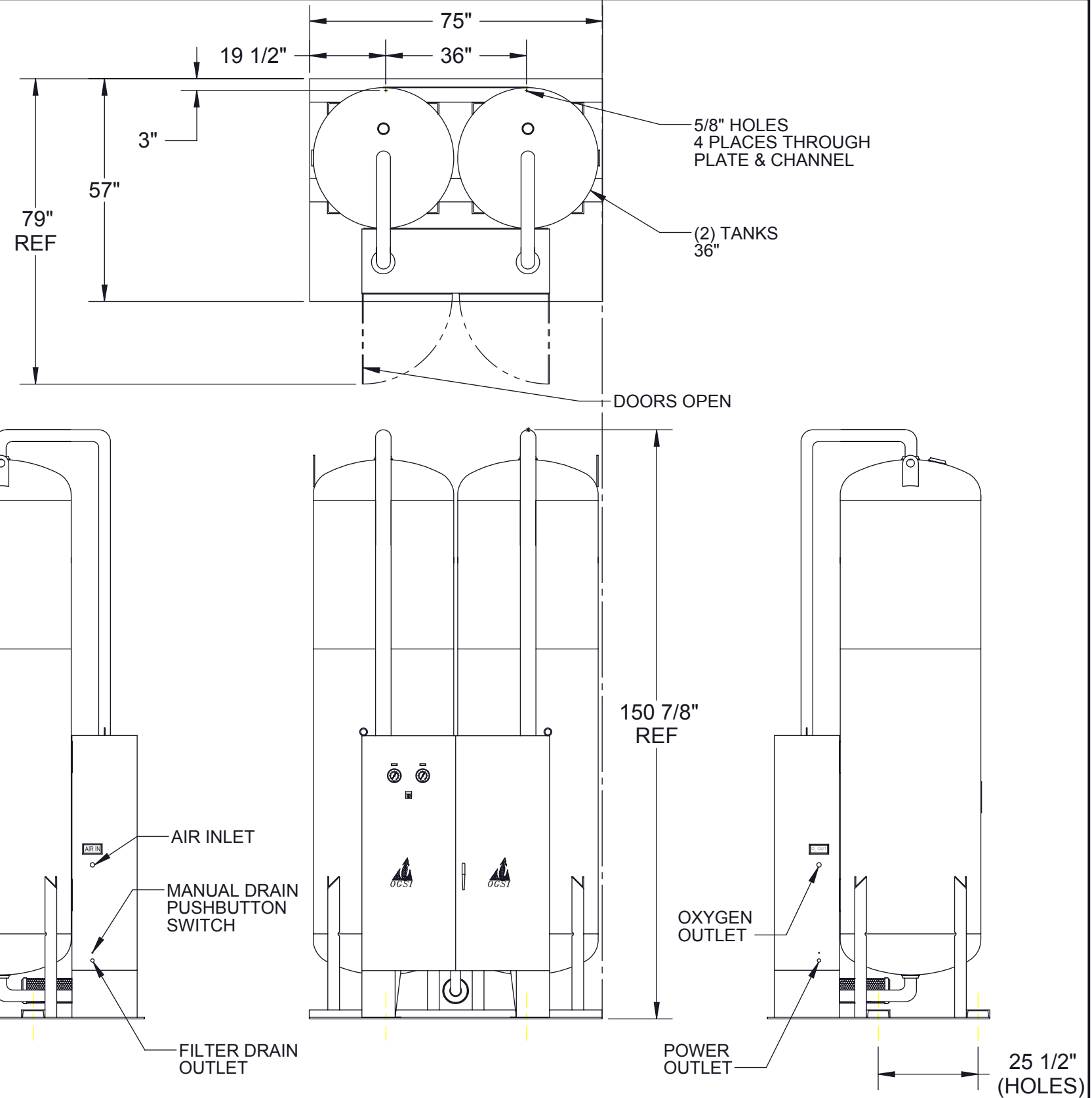
NOTES:

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

SPECIFICATIONS: OG-2000

OXYGEN OUTPUT.....	2000 SCFH @ 45 PSI 52.6 Nm/hr ³ @ 310 kPa
OXYGEN DEWPOINT.....	-100 °F (-73 °C)
OXYGEN PURITY.....	93 % ± 3 %
AIR INLET.....	1 1/2" JIC BULKHEAD
OXYGEN OUTLET FITTING.....	CGA 024 (OXYGEN C FITTING)
FEED AIR REQUIREMENTS.....	425 SCFM (AVG. FLOW) AT 90 PSIG INCOMING PRESSURE 11.5 Nm ³ (AVG. FLOW) @ 621 kPa
AIR QUALITY REQ.....	ISO 8573.1 CLASS 1.4.1 MINIMUM (SEE BELOW)
SOUND LEVELS:	
STANDARD (WITHOUT COVER)	92 dBA @ 1 M
DIMENSIONS:	
STANDARD.....	75 IN x 57 IN x 150.8 IN (WxDxH) 190.5 CM x 144.8 CM x 383 CM (WxDxH)
APPROXIMATE WEIGHT:	
STANDARD (NO COVER, NO FEET).....	10,000 LB (4536 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
OPTIONAL (INTERNATIONAL).....	230 VAC, 60 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
RECOMENDED MINIMUM AIR STORAGE TANK (AST) SIZE.....	660 GALLONS
RECOMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE.....	660 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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DRAWN: J.FENTON	DATE: 07/18/02	PART NO: 10017		DRAWING TITLE: GENERAL ARRANGEMENT OG-2000	
CHKD: A. KAMBLE	DATE: 07/18/02	STOCK NO.	QTY.	DESCRIPTION	MATERIAL
UNLESS OTHERWISE SPECIFIED				ASSY	
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		