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

SPECIFICATIONS: OG-175

OXYGEN OUTPUT------------------------------------------175 SCFH @ 45 PSI
4.6 Nm/hr @ 310 kPa
OXYGEN DEWPOINT---------------------------------------100 °F (-73 °C)
OXYGEN PURITY------------------------------------------93 % ± 3 %
AIR INLET---------------------------------------------3/4” FNPT BULKHEAD
OXYGEN OUTLET FITTING---------------------------------CGA 022 (OXYGEN B FITTING)

FEED AIR REQUIREMENTS.......................................COMRESSOR NOT INCLUDED ON STANDARD MODELS
32 SCFM (AVG. FLOW) FOR COMPRESSOR-LESS MODELS
AT 90 PSIG INCOMING PRESSURE

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

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

DIMENSIONS:
STANDARD..................................................26 IN x 25 IN x 72 IN (WxDxH)
(66 CM) x (64 CM) x (183 CM) (WxDxH)

APPROXIMATE WEIGHT:
STANDARD (NO COVER, NO FEET).........................775 LB (352 KG)

POWER REQUIREMENTS:
STANDARD (NORTH AMERICA).........................115 VAC, 60 HZ, SINGLE PHASE, 0.5 A
OPTIONAL (INTERNATIONAL).........................230 VAC, 50 HZ, SINGLE PHASE, 1.0 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

RECOMMENDED MINIMUM AIR STORAGE TANK (AST) SIZE........................................80 GALLONS
RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE........................................80 GALLONS

SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1

DIIT 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

MINIMUM OXYGEN CONCENTRATION/PURITY AFTER
INITIAL START-UP OR EXTENDED SHUTDOWN

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

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

DIMENSIONS:
STANDARD..................................................26 IN x 25 IN x 72 IN (WxDxH)
(66 CM) x (64 CM) x (183 CM) (WxDxH)

APPROXIMATE WEIGHT:
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