SPECIFICATIONS: OG-50

OXYGEN OUTPUT...........................................50 SCFH @ 45 PSI
22.6 L/MIN @ 3.1 BAR

OXYGEN DEWPOINT...........................................-100 °F (-73 °C)

OXYGEN PURITY..............................................93 % ± 3 %

AIR INLET..................................................3/8" FNPT BULKHEAD

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

FEED AIR REQUIREMENTS..................................COMPRESSOR NOT INCLUDED ON STANDARD MODELS
12 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..........................................19.5 IN x 14 IN x 62 IN (WxDxH)
(49.5 CM) x (35.6 CM) x (157.5 CM) (WxDxH)

APPROXIMATE WEIGHT:
STANDARD (NO COVER, NO FEET)..........275 LB (124.7 KG)

POWER REQUIREMENTS:
STANDARD (NORTH AMERICA)..............115 VAC, 60 HZ, SINGLE PHASE, 0.50 A
OPTIONAL (INTERNATIONAL)..................230 VAC, 50 HZ, SINGLE PHASE, 0.25 A
OPTIONAL (INTERNATIONAL)..................230 VAC, 60 HZ, SINGLE PHASE, 0.25 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..........................60 GALLONS

RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE........................60 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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