**NOTES:**
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.

**SPECIFICATIONS: OG20 OEMC 24V**

OXYGEN OUTPUT ........................................ 20 SCFH @ 20 PSI

0.5 Nm³/hr @ 1.4 BAR

OXYGEN DEPOINT ....................................... 60 °F (-51 °C)

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

OXYGEN OUTLET FITTING .......................... 1/8" FNPT

AIR INLET FITTING ................................. 1/4" FNPT

FEED AIR REQUIREMENTS .......................... COMPRESSOR NOT INCLUDED ON STANDARD MODELS

4.9 SCFM (AVG. FLOW) FOR COMPRESSOR-LESS MODELS AT 30-35 PSIG INCOMING PRESSURE

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

SOUND LEVELS: ............................................

STANDARD ........................................... 70 dBA @ 1 M

DIMENSIONS: .............................................

STANDARD ........................................... 8 IN x 7 IN x 23.25 IN (WxDxH)

(20.3 CM) x (14.9 CM) x (59.0 CM) (WxDxH)

APPROXIMATE WEIGHT: .............................. STANDARD (NO COVER, NO FEET) 20 LB (9.1 KG)

POWER REQUIREMENTS: ......................... STANDARD 24 VDC, 0.2 A

RESPONSE TIME ....................................... APPROXIMATELY 2 MINUTES 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. MAY BE FLOOR OR WALL MOUNTED.

SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1

DIET PARTICLES 1-5 MICRON ..................... 0

WATER PRESSURE DEWPOINT ..................... +37°F (940 PPM AT 100 PSIG)

OIL CONCENTRATION (INCLUDING VAPOR) ............ 0.01

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

**BLOCKING AIR FLOW AROUND THE UNIT. 6 IN MINIMUM CLEARANCE ON ALL SIDES. MAY BE FLOOR OR WALL MOUNTED.**

**AIR QUALITY REQ.**

ISO 8573.1 CLASS 1.4.1 MINIMUM (SEE BELOW)

**SENSITIVITY**

OXYGEN CONCENTRATION (INCLUDING VAPOR) ............ 93 % ± 3 %

AIR INLET FITTING ................................ 1/4" FNPT

AIR OUTLET FITTING ................................. 1/8" FNPT

**AIR QUALITY REQUIREMENTS**

Air Quality Requirements:

- Water Pressure Dewpoint: +37°F (940 PPM at 100 PSIG)
- Oil Concentration (Including Vapor): 0.01
- Oxygen Concentration (Including Vapor): 93% ± 3%
- Oxygen Dewpoint: -60 °F (-51 °C)
- Oxygen Purity: 93% ± 3%
- Water Pressure Dewpoint: +37°F (940 PPM at 100 PSIG)

**SPECIFICATIONS**

- Standard: 24VDC, 0.2 A
- Approximate Weight: 20 lb (9.1 kg)
- Dimensions: 8 IN x 7 IN x 23.25 IN (WxDxH)
- 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. May be floor or wall mounted.

**DESCRIPTION**

- Receiver Tank
- Top Plate
- Purge Loop
- Sieve Bed
- Bottom Plate
- Solenoid Valve Assembly
- Oxygen Outlet Fitting: 1/8" FNPT
- Air Supply In
- Oxygen Inlet Fitting: 1/4" FNPT
- Oxygen Outlet: 1/8" FNPT
- Timer
- 0.5 Nm³/hr @ 1.4 BAR
- 20 SCFH @ 20 PSI

**MOUNTING DETAIL**

- 7" 22" 3 1/8" 4 PLACES

**GENERAL ARRANGEMENT DRAWING**

- Drawing Title: OG20 OEMC 24V
- Sheet: 1 of 1
- Standard: 24 VDC, 0.2 A
- Approximate Weight: 20 lb (9.1 kg)
- Dimensions: 8 IN x 7 IN x 23.25 IN (WxDxH)
- 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. May be floor or wall mounted.

**DRAWING TITLE**

- OG20 OEMC 24V
- General Arrangement Drawing

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