**SPECIFICATIONS: OG-1500**

- **Oxygen Output**: 1500 SCFH @ 45 PSI
- **Oxygen Dewpoint**: -100 °F (-73 °C)
- **Oxygen Purity**: 93 % ± 3 %
- **Air Inlet**: 1-1/2" Flange Connection
- **Oxygen Outlet Fitting**: 3/4" FNPT Bulkhead (Connection Type Discussed at Purchase)

**Feed Air Requirements**: Compressor not included on standard models

- 253 SCFM (Avg. Flow) for Compressor-Less Models
- 5.91 Nm³ (Avg. Flow) @ 621 kPa

**Air Quality Req.**: ISO 8573.1 Class 1.4.1 Minimum (See Below)

**Sound Levels**: Standard (Without Cover) 93 dBA @ 1 M

**Dimensions**: Standard...

- 75 in x 57 in x 105 in (WxDxH)
- 190.5 cm x 144.8 cm x 266.7 cm (WxDxH)

**Approximate Weight**: Standard (No Cover, No Feet) 7000 lb (3175 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

**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**: 660 Gallons

**Recommended 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 PSI)
- Oil Concentration (Including Vapor): 0.01 (<= 3 PPM)

**Notes**:

1. Interpret dimensions and tolerances per ASME Y14.5.
2. Dimensions may vary +/- .25 inch (.63 CM)

---

**AIR QUALITY REQ**

- **Oxygen Purity**: 93 % ± 3 %
- **Oxygen Dewpoint**: -100 °F (-73 °C)
- **Water Pressure Dewpoint**: +37 °F (3 °C) (940 PPM at 100 PSI)
- **Oil Concentration (Including Vapor)**: 0.01 (<= 3 PPM)

---

**Recommended Minimum Air Storage Tank (AST) Size**: 660 Gallons

**Recommended 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 PSI)
- Oil Concentration (Including Vapor): 0.01 (<= 3 PPM)

---

**Notes**:

1. Interpret dimensions and tolerances per ASME Y14.5.
2. Dimensions may vary +/- .25 inch (.63 CM)

---

**Air Quality Req**

- **Oxygen Purity**: 93 % ± 3 %
- **Oxygen Dewpoint**: -100 °F (-73 °C)
- **Water Pressure Dewpoint**: +37 °F (3 °C) (940 PPM at 100 PSI)
- **Oil Concentration (Including Vapor)**: 0.01 (<= 3 PPM)

---

**Recommended Minimum Air Storage Tank (AST) Size**: 660 Gallons

**Recommended 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 PSI)
- Oil Concentration (Including Vapor): 0.01 (<= 3 PPM)

---

**Notes**:

1. Interpret dimensions and tolerances per ASME Y14.5.
2. Dimensions may vary +/- .25 inch (.63 CM)

---

**Air Quality Req**

- **Oxygen Purity**: 93 % ± 3 %
- **Oxygen Dewpoint**: -100 °F (-73 °C)
- **Water Pressure Dewpoint**: +37 °F (3 °C) (940 PPM at 100 PSI)
- **Oil Concentration (Including Vapor)**: 0.01 (<= 3 PPM)

---

**Recommended Minimum Air Storage Tank (AST) Size**: 660 Gallons

**Recommended 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 PSI)
- Oil Concentration (Including Vapor): 0.01 (<= 3 PPM)

---

**Notes**:

1. Interpret dimensions and tolerances per ASME Y14.5.
2. Dimensions may vary +/- .25 inch (.63 CM)

---

**Air Quality Req**

- **Oxygen Purity**: 93 % ± 3 %
- **Oxygen Dewpoint**: -100 °F (-73 °C)
- **Water Pressure Dewpoint**: +37 °F (3 °C) (940 PPM at 100 PSI)
- **Oil Concentration (Including Vapor)**: 0.01 (<= 3 PPM)

---

**Recommended Minimum Air Storage Tank (AST) Size**: 660 Gallons

**Recommended 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 PSI)
- Oil Concentration (Including Vapor): 0.01 (<= 3 PPM)