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PORTABLE INERT GAS GENERATOR IGG-2000

| | |
|------------------------------------|---|
| Capacity | 2,000 m ³ /hour @ 0.15 bar, 70,630 ft ³ /hour @ 2.1 psi |
| Gas Composition (Based on dry gas) | |
| Oxygen | 2-4% |
| Carbon Monoxide | max 500 ppm |
| Carbon Dioxides | max 14% |
| Sulphur Dioxides | max 500 ppm |
| Nitrogen | Balance |
| Soot | 0 on scale Bacharach (Bacharach 0 = complete absence) |
| Temperature | Approximately 50°F above cooling water inlet temp. |
| Dew Point | Saturated (at gas temperature) |
| Fuel | Clean automotive diesel |
| Inlet Pressure | 0 – 5.8 psi |
| Electric Supply | 35kW |
| Consumption | Approximately 50 gallons/hour |
| Cooling Water | 530 GPM of filtered water at max 90°F |
| Dimensions | 10' L x 5' W x 6' H |
| Weight | 4,400 pounds |



Lloyd’s certified designed and built in accordance with the regulations of IMO for shipboard use And outdoor operation.

The inert gas capacity and composition is calculated at 100% atmospheric relative humidity with a combustion air and cooling water temperature of +77°F. Pressures mentioned are effective working pressures with +/-5% tolerance, temperature tolerance +/-1C and quantities tolerance +/-3%.

The combustion chamber cooling water jacket is designed for a maximum overpressure of 14.5 psi.