

Zone II Steam Generators



Airpac Bukom
Oilfield Services



6.2 MMbtu Zone II Steam Generator

Airpac Bukom's 6.2 MMbtu steam generators are installed in purpose built DNV 2.7-1 containers (fully compliant to DNV 2.7-2). Each unit is delivered with internal water and fuel tanks, 200 feet of steam hose consisting of 25 feet lengths together with a comprehensive spares kit. These units have been engineered to be fully contained within one 20 x 8 container, ensuring a reduced footprint as well as cost effective transportation.

When supplied as a package with our 100 scfm or 1600 scfm Zone II compressors, they complete a fully compliant DNV 2.7-2 package.

The generators are suitable for well testing operations or temporary replacement of installed boiler systems during maintenance. They are also suitable for use in industrial applications such as tank cleaning, descaling, shutdowns and heavy oil removal.

Airpac Bukom generators are designed to ASME/CE steam generator vessel codes.

An on board Emergency Shutdown System is fitted as standard ensuring instant safe shutdown should gas be detected. Each unit is also fitted with a Fire Suppression System.

Airpac Bukom also has an extensive rental fleet of rigsafe steam generators, producing volumes ranging from 1.4 Million Btu through to 6.2 Million Btu's.

Features

- Single lift unit
- Fully contained within one 20 x 8 container for reduced footprint and cost-effective transportation
- Steam vents and safety valve vents mounted away from passing personnel
- Internal intrinsically safe lighting enables safe operation and maintenance in all conditions
- High and low water levels, high-pressure steam and flame failure shutdowns are fitted as standard as safety and protection measures
- Gas Detection (propane, methane and H₂S)
- Fitted with a Fire Suppression System
- Blowdown vessel for safe release of high pressure steam during working operations
- The boiler includes forced air cooling to ensure surface temperatures below 200°C are maintained

Options

- Experienced personnel providing a complete operational package including: hook-up & commissioning, servicing, re-fuelling and multiple installation assistance
- Additional Steam Hose length available upon request

Technical Specifications

6.2 MMBtu Zone II Steam Generator

Performance

| Model | 6.2 MMBtu Steam Generator |
|-------------------------------|---|
| Steam Output | 2720Kgs per hour 6,200,000 Btu |
| Working Pressure | 150 psig 10.3 barg |
| Maximum Discharge Temperature | 185°C / 365°F |
| Water Feed Capacity | 1400 litres / 308 gallons |
| Fuel Consumption | 189.8 litres / 41.7 gallons per hour |
| Fuel Tank Capacity | 1100 litres / 242 gallons |
| Burner Capacity | 2027 kW gross |
| Voltage | 440V @ 60Hz / 3 phase control circuits 240V |
| Steam Outlet Valve | 2" Fig 206 Weco Union |
| Steam Return Connection | 2" Fig 206 Weco Union |
| Water Inlet Connection | 1" Crowsfoot |

Weights & Dimensions

| | Metric | Imperial |
|----------------|-----------|-----------|
| Overall Length | 6058mm | 238.5" |
| Overall Width | 2438mm | 96" |
| Overall Height | 2591mm | 102" |
| Weight | 15300 Kgs | 33731 lbs |

N.B. Weights and dimensions are for guidance only; please contact your local Airpac Bukom office for individual asset details

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Airpac Bukom Oilfield Services UK is certified to
BS EN ISO 9001:2015 & BS EN ISO 14001:2015



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