

# 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 1600 scfm Zone II compressors, they complete a fully compliant DNV 2.7-2 package.

They are suitable for well testing operations, temporary or replacement of installed boiler systems during maintenance and for use in other industrial applications.

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 and Benefits

- 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 H<sub>2</sub>S)
- Fitted with a Fire Suppression System
- Blowdown vessel for safe release of high pressure steam during working operations
- The boiler will include forced air cooling to ensure surface temperatures below 200°C are maintained

### Options

- Airpac Bukom's skilled operators to ensure safe efficient operation of the equipment on site
- 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

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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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