

Rigsafe / Safe Area Steam Generators



Airpac Bukom
Oilfield Services



4.5 MMbtu Rigsafe / Safe Area Steam Generator

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

When supplied as a package with compressors or heat exchangers they are ideal for well testing operations. They are also suitable for standby or replacement of installed boiler systems during maintenance on board ships, oil flow control at well or terminal and in industrial applications.

Installed in purpose built containers to DNV 2.7-1, these fully enclosed units are delivered with internal water tanks and either internal or external fuel tanks in order to meet all site or rig requirements. Each unit also contains 200 feet of steam hose consisting of 25 feet lengths, together with a comprehensive spares kit.

An on board Emergency Shutdown System is fitted as standard ensuring instant safe shutdown should gas or a similar hazard be detected or encountered.

The range also offers internal locking, which enhances security and prevents intervention by unqualified personnel. The electrical panel is secured by anti-vibration mounts, which protects the sensitive components during transportation.

Features and Benefits

- 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)

Options

- Airpac Bukom's multi-skilled operators ensure safe efficient operation of a steam compressor package
- Steam Traps
- Additional Steam Hose length available upon request

Technical Specifications

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Performance

Model	4.5 MMbtu Steam Generator
Steam Output	2000 Kgs per hour 4,500,000 Btu
Working Pressure	150 psig 10.3 barg
Max. Discharge Temperature	185°C / 365°F
Water Feed Capacity	800 litres / 176 gallons
Fuel Consumption	142.7 litres / 31.4 gallons per hour
Fuel Tank Capacity	1000 litres / 220 gallons
Burner Capacity	1254kW
Voltage	380-440V @ 60Hz
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	6050mm	238"
Overall Width	2430mm	96"
Overall Height	2865mm	113"
Weight (Dry)	11500 Kgs	25353 lbs
Weight (Fuelled)	14000 Kgs	30865 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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