

Heli-transportable Equipment



Airpac Bukom
Oilfield Services



Heli-Transportable Heat Exchangers

Airpac Bukom can offer highly mobile steam generator and heat exchanger packages enabling operations in difficult to access locations.

Our 10,000 psi heli-transportable steam heat exchangers weigh less than 5000 Kgs to enable transportation by helicopter. The heat exchanger manifold is transported as a separate lift unit weighing 3500 Kgs.

The equipment has been successfully utilised on a number of projects in isolated locations, including well test projects in the jungles of South America.

Features

- Highly mobile package for difficult to access locations
- Modular design enables the system to be configured to meet specific client requirements

Technical Specifications

Heli-Transportable Heat Exchangers

Performance

Model	10,000 psi Heli-transportable Heat Exchangers
Capacity (2 Vessels)	2.1 MMbtu/hr, H ₂ S Service
Coil:	
Design Pressure	10,000 psi / 690 bar
Design Temperature	-20° to 121°C
Coil	Tube 3" XXS, bore 58mm
Length of Coil per Vessel	55m
Flanges	3 1/8" x 10,000
Gate Valves Type Cameron FC	3 1/8" x 10,000
Choke Type H2, 3" NB	3 1/8" x 10,000, max. orifice 2"
Inlet / Outlet Connection	3" 1502 Fig Weco female
Steam Vessel:	
Design Pressure	150 psi / 10.4 bar
Design Temperature	-20° to 180°C
Length of Vessel	2840mm
Internal Diameter Vessel	894mm
Insulation Cover	50mm rockwool + 1mm aluminium
Safety Relief Valve 6" x 10"	Set pressure 10.2 barg
Rupture Disk 4" 150#	Burst pressure 16 barg at 180°C
Steam Piping:	
Design Pressure	150 psi / 10.4 bar
Design Temperature	-0°C to 180°C
Size Inlet / Outlet Tube	2" xs
Outlet Connection	2" fig 206 female

Weights & Dimensions

	Metric	Imperial
Steam Heat Exchanger:		
Overall Length	3700mm	146"
Overall Width	1300mm	51"
Overall Height	2000mm	79"
Weight	9000 Kgs	19842 lbs
Manifold:		
Overall Length	2350mm	92.5"
Overall Width	2100mm	83"
Overall Height	1850mm	73"
Weight	3500 Kgs	7716 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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