

Rigsafe / Safe Area Air Compressors



Airpac Bukom
Oilfield Services



1050 scfm - 2100 scfm (125 psig) Rigsafe / Safe Area Dual Air Compressor

Airpac Bukom's Dual Air Compressor features two individual Compressors operating at 1050 scfm (28m³/min) with the option to run both simultaneously to produce a maximum total of 2100 scfm (56m³/min) at 125 psig (8.6 barg).

The units produce one of the highest scfm per square foot of deck space in the world and can be safely double-stacked for further economy of critical space. Airpac Bukom's Dual Air units are fitted in a DNV 2.7-1 / CSC shipping container to provide a cost effective transport solution.

The range is fitted with pneumatic start, spark arrestors and overspeed protection to Rigsafe specification. Emergency Shutdown (ESD) is available on all units to provide instant shutdown in the event of gas detection or similar hazards.

Airpac Bukom's continuous upgrade and product enhancement programme ensures longevity and operational efficiency. We can provide a full range of ancillary equipment to ensure air quality to application requirements.

Features

- Two individual compressors operating at 1050 scfm with option to run both simultaneously to produce a maximum total of 2100 scfm
- DNV 2.7-1 lifting specification and DNV 2.7-4 & CSC Shipping Specification
- Multiple units can be safely double stacked using ISO twistlocks for economy of deck space
- Supplied with gantry system for safe operation
- Low engine oil shutdown
- Chalwyn overspeed device
- High engine water temperature shutdown
- High compressor oil temperature shutdown
- Spark arrestors
- Emergency stop button
- Fuel shut off valve
- Air starter
- Anti-static fan belts and blades

Options

- Experienced personnel providing a complete operational package including: hook-up & commissioning, servicing, re-fuelling and multiple installation assistance
- Can be supplied with 24V, 110V or 240V Yellow Alert Shutdown System
- Pressure reducing and non return valves
- Pressure maintaining valve
- External piped fuel supply
- Stacking access equipment
- Can be supplied with a 230V Electric Air Compressor to assist pneumatic start up

Technical Specifications

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Performance

| Model | Single Compressor | Dual Compressors |
|---|---|------------------------------------|
| Delivered Flow | 1050 scfm 28m ³ /min | 2100 scfm 56m ³ /min |
| Delivered Pressure | 125 psig 8.6 barg | |
| Discharge Temperature | 85°C | |
| Sound Power Level (single compressor operation) | LPa - 103dBa @ 1m | |
| Fuel Consumption | 51.9 litres per hour | 103.8 litres per hour |
| Fuel Tank Capacity | 500 litres | 1000 litres |
| Max. Working Ranges | -10°C to +50°C | |
| Pneumatic/Battery Start | Pneumatic/Min 120 psi | |
| Outlet Connection | 2 no 2" Fig 100 Weco Union & 2 no 1" Crowsfoot | |
| Caged/Mobile/Containerised | DNV 2.7-1 Containerised, DNV 2.7-4 & CSC Shipping | |
| Stacking Capability | ISO twistlocks | |

Weights & Dimensions

| | Metric | Imperial |
|-----------------|-----------|-----------|
| Overall Length | 6058mm | 238.5" |
| Overall Width | 2438mm | 96" |
| Overall Height | 2896mm | 114" |
| Weight (Actual) | 12800 Kgs | 28218 lbs |

E. & O.E.

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



Aberdeen, UK
t: +44 (0) 1467 242 000
e: airpac.europe@vpplc.com

Great Yarmouth, UK
t: +44 (0) 1493 652 732
e: airpac.europe@vpplc.com

Singapore
t: +65 6861 5961
e: airpac.asia@vpplc.com

Australia
t: +61 8 9418 2177
e: airpac.australia@vpplc.com

Sharjah, U.A.E.
t: +44 (0) 1493 652 732
e: airpac.me@vpplc.com

Curaçao, Dutch Caribbean
t: +5999 8682599
e: airpac.americas@vpplc.com