

Zone II Air Compressors



Airpac Bukom
Oilfield Services



1000 scfm (150 psig) Zone II DNV 2.7-1 Air Compressor

Airpac Bukom Oilfield Services operates one of the largest fleets of Zone II Air Compressors in the oil and gas industry.

With a capacity of 1000 scfm (28m³/min) and rating of up to 150 psig (10.3 barg) the 1000 Zone II ATEX DNV containerised air compressor delivers more air to enable higher rates of productivity, allowing customers to meet the time critical demands of offshore operations.

The compressor is fitted as standard with pneumatic starting, cooling fan and controls, a Pyroban exhaust gas cooler (ensuring surface temperature does not rise above 200°C), a spark arrestor and an automatic engine overspeed shutdown, to safeguard against the unlikely event of gas ingestion.

The diesel driven unit is housed in a fully ATEX approved 94/9/EC, protective DNV 2.7-1 container certified for Zone II hazardous area operation. Along with forklift pockets and twistlock points this provides greater flexibility for transportation and stacking on site.

Features

- Complies to BP200/OMCA MEC1/EN 1834-1 Zone II open deck hazardous area flameproof specification
- ATEX 94/9/EC certified for hazardous area operation
- DNV 2.7-1 lifting specification
- Stackable offshore container with ISO twistlocks
- Control panel externally mounted
- Vibration and overspeed valves
- High engine water, compressor oil and discharge temperature shutdowns
- Low engine oil shutdown
- Low oil pressure
- Emergency stop button
- Spark arrestors
- Noise reduction insulation
- Internal EX lighting
- CE compliant
- Air starter
- Anti static fan belts and blades
- Exhaust manicooler supplied with flame traps
- Forklift pockets for ease of movement
- Aftercooled
- New exhaust wash system

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
- Multiple outlets
- Stacking access equipment
- Gas detection equipment

Technical Specifications

1000 scfm (150 psig) Zone II DNV 2.7-1 Air Compressor

Performance

Model	1000 scfm Zone II
Delivered Flow	1000 scfm 28m ³ /min
Delivered Pressure	150 psig 10.3 barg
Discharge Temperature	Max 120°C
Sound Power Level	Lpa ~ 86dBA @ 1m
Fuel Consumption	63 litres per hour @ full load
Fuel Tank Capacity	558 litres
Max. Working Ranges	-10°C to +30°C
Pneumatic/Battery Start	Pneumatic/Min 120 psi
Outlet Connection	2 no 2" Fig 100 Male Weco Unions 2 no 3/4" Crows Foot Outlets
Caged/Mobile/Containerised	DNV 2.7-1 containerised
Stacking Capability	ISO twistlocks

Weights & Dimensions

	Metric	Imperial
Overall Length	5334mm	210"
Overall Width	2438mm	96"
Overall Height	2520mm	99"
Weight	9300 Kgs	20502 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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