

Zone II Air Compressors



Airpac Bukom
Oilfield Services



1600 scfm (150 psig) Zone II DNV 2.7-2 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 1600 scfm (45m³/min) and rating of up to 150 psig (10.3 barg) the new DNV 2.7-2 Zone II containerised air compressor delivers more air to enable higher rates of productivity. This allows customers to meet the time critical demands of offshore fabric maintenance and well test programmes. The new 1600 scfm Zone II compressors are specified for worldwide operations and can work at ambient temperatures of +45°C.

The 1600 scfm Zone II compressor has pneumatic or battery starting options, an active Pyroban system (meaning no flame trap maintenance), gas detection and a self contained fire suppression system.

The diesel driven unit is housed in a fully ATEX approved 94/9/EC, protective DNV 2.7-1 galvanised steel container certified for Zone II hazardous area operation.

The compressor is fully compliant to the new DNV 2.7-2 standard.

Along with forklift pockets and twistlock points this provides greater flexibility for transportation and stacking on site.

The 1600 scfm units complement Airpac Bukom's existing range of 400, 750 and 1000 scfm Zone II air compressor models.

Features

- Complies to new DNV 2.7-2 standard
- ATEX 94/9/EC certified for hazardous area operation
- DNV 2.7-1 lifting specification container
- Operational in high ambients +45°C
- Small footprint producing high volume
- Stackable offshore container with ISO twist locks
- Control panel externally mounted
- Emergency stop button
- Spark arrestors
- Noise reduction insulation
- Internal EX lighting
- CE compliant
- Optional pneumatic / battery start
- Anti static fan belts and blades
- Active Pyroban system - no flame trap maintenance
- Forklift pockets for ease of movement
- Fire shutdown system with self contained fire suppression
- Safety shutdown systems with gas detection via Pyroban 3GP
- External fuelling

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

Technical Specifications

1600 scfm (150 psig) Zone II DNV 2.7-2 Air Compressor

Performance

Model	1600 scfm (150 psig) Zone II DNV 2.7-2
Delivered Flow	1600scfm 45m ³ /min
Delivered Pressure	150 psig 10.3 barg
Discharge Temperature	Max 120°C
Sound Power Level	LPa - 87dBa @ 1m
Fuel Consumption	94 litres per hour @ full load
Fuel Tank Capacity	700 litres
Max. Working Ranges	-10°C to +45°C
Pneumatic/Battery Start	Optional
Outlet Connection	2 no 2" Fig 100 Male Weco Unions 2 no ¾" Crowsfoot Outlets
Caged/Mobile/Containerised	DNV 2.7-1 containerised
Stacking Capability	ISO twistlocks

Weights & Dimensions

	Metric	Imperial
Overall Length	4850mm	191"
Overall Width	2438mm	96"
Overall Height	2896mm	114"
Weight	17327 Kgs	38199 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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