

Zone II Air Compressors



Airpac Bukom
Oilfield Services



1000 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 1000 scfm (28m³/min) and rating of up to 150 psig (10.3 bar) 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 operations. The compressors are specified for worldwide operations and can work at ambient temperatures of +45°C.

The 1000 scfm Zone II compressor is fitted as standard with pneumatic starting, an active Pyroban system (meaning no flame trap maintenance) and gas detection.

The diesel driven 1000 scfm Zone II unit is housed in a fully ATEX approved 94/9/EC, protective DNV 2.7-1 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 the 1000 scfm Air Compressor provides greater flexibility for transportation and stacking on site.

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
- Aftercooled
- Noise reduction insulation
- Internal EX lighting
- CE compliant
- Pneumatic starting
- Anti static fan belts and blades
- Active Pyroban system - no maintenance to flame traps
- Forklift pockets for ease of movement
- Fire shutdown system
- Safety shutdown systems with gas detection via Pyroban 3GP
- Built in ladder system for ease of stacking
- External fuelling point

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

1000 scfm (150 psig) Zone II DNV 2.7-2 Air Compressor

Performance

Model	1000 scfm (150 psig) Zone II DNV 2.7-2
Delivered Flow	1000 scfm 28m ³ /min
Delivered Pressure	150 psig 10.3 barg
Discharge Temperature	Max 120°C
Sound Power Level	L _{Pa} - 86dBa @ 1m
Fuel Consumption	67 litres per hour @ full load
Fuel Tank Capacity	780 litres
Max. Working Ranges	-10°C to +45°C
Pneumatic/Battery Start	Pneumatic / Min 120 psi
Outlet Connection	2 no 2" Fig 100 Male Weco Unions 2 no ¾" 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	12000 Kgs	26455 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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