



400 scfm (150 psig) Zone II Air Compressor

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

The 400 scfm Zone II Air Compressor offers a volume of 11.3m³/min (400 scfm) with a pressure rating of up to 10.3 barg (150 psig).

Mounted in a DNV 2.7-1 certified lifting cage with built in drip trays and the ability to stack, the range offers excellent space efficiency on deck and in confined space applications.

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.

Delivered air is after cooled and moisture separated prior to compressor outlet, thus reducing friction loss in delivery lines.

Features

- Complies to BP200/OMCA MEC1/EN 1834-1 Zone II open deck hazardous area flameproof specification
- DNV 2.7-1 lifting specification
- Multiple units can be safely double stacked using ISO Twistlocks for economy of deck space
- 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
- Air starter
- Anti static fan belts and blades
- Exhaust manicooler supplied with flame traps
- Exhaust extensions to redirect exhaust gases when stacked
- External fuel fill 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
- Stacking access equipment
- Gas detection equipment

Technical Specifications

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Performance

Model	400 scfm (150 psig) Zone II
Delivered Flow	400 scfm 11.3m ³ /min
Delivered Pressure	150 psig 10.3 barg
Discharge Temperature	Ambient +15°C
Sound Power Level	>110Lwa Lpa ~ 85dBA @ 7m
Fuel Consumption	34 litres per hour @ full load
Fuel Tank Capacity	220 litres / 48.4 gallons
Max. Working Ranges	-10°C to +30°C Altitude to 2500 metres
Pneumatic/Battery Start	Pneumatic
Outlet Connection	2" Fig 100 Weco Union
Caged/Mobile/Containerised	DNV 2.7-1 caged
Stacking Capability	ISO twistlocks

Weights & Dimensions

	Metric	Imperial
Overall Length	3620mm	143"
Overall Width	1965mm	77"
Overall Height	1865mm	73"
Weight	5000 Kgs	11023 lbs

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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.mea@vpplc.com

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