Zone II Air Compressors

Airpac Rentals
Energy Industry Solutions



750 cfm (150 psi) Zone ll Air Compressor

The 750 cfm Zone II Air Compressor offers a volume of 21.2m³/min (750 cfm) with a pressure rating of up to 10.3 bar (150 psi).

Mounted in a protective DNV 2.7-1 certified lifting frame 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
750 cfm (150 psi) Zone ll Air Compressor

Performance

Model	750 cfm (150 psi) Zone ll
Delivered Flow	750 cfm 21.2m³/min
Delivered Pressure	150 psi 10.3 bar
Discharge Temperature	Ambient +15°C
Sound Power Level	>110Lwa Lpa ~ 85dBA @ 7m
Fuel Consumption	50 litres per hour @ full load
Fuel Tank Capacity	309 litres
Max. Working Ranges	-10°C to +27°C Altitude to 2500 metres
Pneumatic/Battery Start	Pneumatic/Min 95 psi
Outlet Connection	1 no 2" Fig Weco Union
Framed/Mobile/Containerised	DNV 2.7-1 framed
Stacking Capability	ISO twistlocks

Weights & Dimensions

	Metric	Imperial
Overall Length	3920mm	154"
Overall Width	2260mm	89"
Overall Height	1770mm	69"
Weight (dry)	6000 Kgs	13227 lbs
Weight (fuelled)	6500 Kgs	14330 lbs

N.B. Weights and dimensions are for guidance only; please contact your local Airpac Rentals office for individual asset details

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Airpac Rentals UK is certified to
BS EN ISO 9001:2015 & BS EN ISO 14001:2015

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Registered
Supplier No. 10044388

UK & Europe
e: airpac.europe@vpplc.com

Asia
e: airpac.asia@vpplc.com

Australia
e: airpac.australia@vpplc.com

Middle East & Africa
e: airpac.mea@vpplc.com

Americas
e: airpac.americas@vpplc.com

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