Zone II Air Compressors

Airpac Rentals
Energy Industry Solutions

400 cfm (150 psi) Zone ll Air Compressor

The 400 cfm Zone II air compressor offers a volume of 11.3m³/min (400 cfm) with a pressure rating of up to 10.3 bar (150 psi).

Mounted in a DNV 2.7-1 certified lifting container with built in 110% bunding, this compact 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 Miretti exhaust gas cooler (ensuring surface temperature does not rise above 200°C), a spark arrestor and an automatic engine over-speed 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 IECEx Directive 60079-10 Group II Cat 3G Ga Groups IIB Temperature Class T3 Hazardous area flameproof specification
- DNV 2.7-1 lifting specification
- Over-speed valve
- High engine water, compressor oil and discharge temperature shutdowns
- Low engine oil shutdown
- Low oil pressure shutdown
- Emergency stop button
- Spark arrestors
- Air starter
- Anti-static fan belts and blades
- External fuel fill point

Options

- Experienced offshore engineering personnel offering machine 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
400 cfm (150 psi) Zone ll Air Compressor

Performance

Model	400 cfm (150 psi) Zone II
Delivered Flow	400 cfm 11.3m³/min
Delivered Pressure	150 psi 10.3 bar
Discharge Temperature	Ambient +15°C
Sound Power Level	101dBa @ 1m
Fuel Consumption	29.6 litres per hour
Fuel Tank Capacity	400 litres
Max. Working Ranges	-10°C to +50°C Altitude to 2500 metres
Pneumatic/Battery Start	Pneumatic
Outlet Connection	• Feed Air In: Minsup Type A • Main Discharge: Weco 2" Fig 100 Male (wing) • 2x Aux Discharge: Minsup Type A • Condensate Drain: BSP ½" Male
Framed/Mobile/Containerised	DNV 2.7-1 containerised
Stacking Capability	ISO twistlocks (storage only)

Weights & Dimensions

	Metric	Imperial
Overall Length	2900mm	114"
Overall Width	1700mm	67"
Overall Height	2210mm	87"
Weight	6275 Kg	13834 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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