

1600 C RS Containerised Rigsafe Air Compressor



Description

Centurion Power & Equipment has an extensive Rigsafe Compressor fleet, ranging from 130cfm to 1600cfm, including both framed and containerised solutions to meet customer needs.

The 1600 C RS is an ideal model for deployment in harsh environments. Still retaining a minimal footprint, the 1600 can handle extended running times and capacity. With a standard cooling package the 1600 can cope with higher ambient temperatures in locations such as Africa.

When double stacked the 1600 C RS compressors provide an internal access way for personnel, ensuring safe and easy access for continued operation and servicing within harsh environments.

Key Features

- Heavy duty offshore container DNV 2.7-1
- Integral, full fluid capacity bund / drip-tray within frame
- Air start with fully pneumatic controls and operation (Centurion Power & Equipment standard)
- Chalwyn valve, spark arrestor and anti-static fan belt

Options

- Battery start – with either electric or pneumatic controls
- ISO Block corners for locking double-stacked units
- Remote ESD – shutdown control
- High ambient cooling package
- Air treatment – aftercooling, filtration, drying, storage and distribution
- Experienced offshore service technician(s) for operational and maintenance assistance

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Technical Specifications

Performance	
Flow	1600 cfm, 45.30 m ³ /min
Working Pressure	150 PSIG, 10 barg
Fuel Tank	1030 litres
Fuel Consumption	103 litres/hr
Full Load Running	10 hours
Ambient Operating Temperatures	45°C
Noise at Full Load	98 dba
Start System	Pneumatic / 24v Battery System
Safety System	Pneumatic
Engine Specification	
Engine Model	Cummins QSX 15
Power Output at Flywheel	560 HP, 417 KW
Engine Idle Speed	1350 rpm
Maximum Engine Speed	1900 rpm
Engine Oil Capacity	91 litres
Engine Oil Specification (Minimum)	15w/40
Engine Coolant Capacity	60 litres
Fuel Specification	Gas Oil (BS2869 Class A2&D)

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Lifting Specification, Weights & Dimensions

Lifting Spec	DNV 2.7-1
Length	5,334 mm
Width	2,230 mm
Height	2,510 mm
Weight (kg dry)	11,200 kgs
Weight (kg op)	13,000 kgs
Max Gross Weight	13,000 kgs

Compressor Performance

Model	Ingersoll Rand
Type	Oil Flooded Screw
Output	1600 cfm 756 ltr/sec
Maximum Operating Pressure	150 psi
Lubrication Oil Capacity	208 litres
Lubrication Oil Specification	HVI 46
Compressor Discharge	1 x 3" 1 x ¾" ball valves

Operating System

Start System Air Supply	115 psi – 150 psi
Safety System Shutdowns	Pneumatic / Electric

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Safety Features

External Emergency Stop	2 x Push Button
Internal Emergency Stop	1 x Push Button
ISO Interlockers	Positive Lock When Stacked
Rig ESD Connection	Electro/pneumatic
Scramble Net	Escape System when Stacked

Note: The above referred specifications are our minimum standard and for guidance purposes only. For compressor specific information applicable to comply with region specific standards, please consult your local Centurion Power & Equipment representative.

For more information on Air Compressors, please contact your local Centurion Power & Equipment representative or email us at CPEUK@centuriongroup.co.uk.



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