

## 400 C RS Containerised Rigsafe Air Compressor



### Key Features

- Heavy duty offshore protection frames – BS7072 and DNV 2.7-1
- Integral, full fluid capacity bund / drip tray within frame
- Battery Start with fully pneumatic controls and operation
- Chalwyn valve, spark arrestor and anti-static fan belt

### Description

Centurion Power & Equipment has an extensive fleet of framed and containerised Rigsafe Compressors ranging from volumes of 130 cfm through to 1600 cfm.

The 400 cfm is available framed or containerised and is ideal for use for specialist rig cleaning, rig fabric maintenance, cuttings and for operating winches and hose reels on vessels.

With fitted aftercooler and a certified lifting frame, the 400 cfm offers optimum volume whilst optimising deck utilisation with its small footprint and light weight design.

### Options

- ISO block corners for locking double-stacked units
- Remote ESD – shutdown control
- High ambient cooling package
- Ancillary Items are available for air treatment – filtration, drying, storage and distribution

### Benefits

- **Light weight** – achieves requirements where weight and crane restrictions apply
- **Small footprint** – optimises deck utilisation on small rigs and sub stations

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## Technical Specifications

Performance	
Flow	400 cfm, 11.32 m3/min
Working Pressure	170 PSI
Fuel Tank	215 litres / 47 Gals
Fuel Consumption	33 litres p/h 7 gals p/h
Full Load Running	7 hours
Ambient Operating Temperatures	-10°C / 46°C
Noise at Full Load	84dba at 1 metre
Start System	Electrical
Safety System	Pneumatic
Engine Specification	
Engine Model	Perkins 1006-6tw <u>OR</u> CAT 3116
Power Output at Flywheel	186 hp / 134 Kw
Engine Idle Speed	1200 / 2500 rpm
Maximum Engine Speed	2,500 rpm
Engine Oil Capacity	13.1 litres, 3 gals
Engine Oil Specification (Minimum)	SAE 15W 40 Mineral
Engine Coolant Capacity	22 Gals, 100 litres
Fuel Consumption at Full Load	33 litres/hr, 7 Gals
Fuel Specification	Gas Oil (BS2869 Class A2&D)

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### Lifting Specification, Weights & Dimensions

Lifting Spec	DNV 2.7-1
Length	3,500 mm
Width	1,900 mm
Height	1,750 mm
Tare Weight	4,000 kgs
Max Gross Weight	4,000 kgs
Shipping Weight	4,000 kgs

### Compressor Performance

Model	VHP400
Type	Oil Flooded Screw
Output	400 cfm, 189 ltr/sec
Maximum Operating Pressure	170 psi, 12 bar
Lubrication Oil Capacity	45.5 litres, 10 Gals
Lubrication Oil Specification	HVI 46

### Operating System

Start System Electrical Supply	24 V
Alternator Electrical Supply	24 V
Safety System Shutdowns	Pneumatic
Compressor Discharge	1x2" & 2x3/4" Valved

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### Safety Features

External Emergency Stop	1 x push button
ISO Interlockers	Positive lock when stacked
Rig ESD Connection	Electro / Pneumatic
Shutdown System	High water temp, High Discharge Air Temp, Low Oil Pressure, Engine Overspeed Protection, Spark Arrestor

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](mailto:CPEUK@centuriongroup.co.uk).



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